

MINUTES OF  
BOARD OF DIRECTORS MEETING  
FEBRUARY 10, 1968

TEXAS TECHNOLOGICAL COLLEGE  
Lubbock, Texas

Minutes  
Board of Directors Meeting

February 10, 1968

M59. The Board of Directors of Texas Technological College met in regular session in the Anniversary Room of the Student Union Building on Saturday, February 10, 1968, at 9:30 a.m. The following directors were present: Chairman Roy Furr, Vice Chairman C. A. Cash, Mr. Alvin R. Allison, Mr. Marshall Formby, Mr. Harold Hinn, and Mr. Retha R. Martin. In addition, the following College officials were present: Dr. Grover E. Murray, President; Dr. Gerald W. Thomas, Interim Executive Vice President; Dr. S. M. Kennedy, Vice President for Academic Affairs; Mr. Bill J. Parsley, Vice President for Development; Mr. M. L. Pennington, Vice President for Business Affairs; Dr. Thadis W. Box, Director of ICASALS; Mrs. Jean K. Baker, Assistant to the President; Mr. J. Roy Wells, Assistant to the President and Secretary of the Board; and Mr. Ronald Lee Hamm, Director of Information Services. Other College representatives and representatives of the various news media were: Mr. DeWitt P. Thompson, Project Director, Office of Development; Mr. Howard Schmidt, Consulting Architect; Mr. John A. Petty, Assistant Director of Information Services; Mr. Haskell G. Taylor, Chairman of the Campus Planning Committee; Mr. Philip Wayne James, Executive Director of the Ex-Students Association; Mr. David Snyder, Editor-in-Chief, The University Daily; Mr. Bill Seyle, News Editor, The University Daily; Mr. Kenneth May, Avalanche-Journal staff; Mr. C. W. Ratliff, News Director, KCBT-TV; and Mrs. Barbara Gilstrap, Secretary, Office of the Board of Directors.

M60. Chairman Furr called the meeting to order and asked Dr. Gerald W. Thomas to give the invocation.

M61. Upon motion made by Mr. Cash, seconded by Mr. Formby, the Board by a unanimous vote approved the Minutes of the Board Meeting of December 9, 1967.

M62. Chairman Roy Furr and President Grover E. Murray announced the receipt of a \$250,000.00 grant from the Moody Foundation of Galveston, Texas, for use in constructing a planetarium in connection with the proposed six million dollar ICASALS and Museum Complex on the Texas Technological College campus. A copy of a news release concerning the grant is attached and made a part of the Minutes for record purposes. Attachment No. 33. A copy of a letter from Mr. Robert E. Baker, Executive Administrator, The Moody Foundation, is attached and made a part of the Minutes. Attachment No. 33A.

M63. Chairman Furr requested President Murray to summarize the agenda items presented for approval and or for ratification.

Upon motion made by Mr. Martin, seconded by Mr. Cash, the Board by a unanimous vote approved and/or ratified administrative action not previously submitted to the Board. (Items A229 through A344; B101 through B138; C271 through C319; D109 through D159; E370 through E491; F97 through F154; G469 through G670; and H346 through H421.)



M64. Dr. Thadis Wayne Box, Director of the International Center for Arid and Semi-Arid Land Studies (ICASALS), presented a most interesting report on the arid land center concept. A copy of the report is attached and made a part of the Minutes. Attachment No. 32.

M65. Chairman Furr called on Mr. Marshall Formby for a report from the Academic Affairs Committee. The next eight (8) items include the recommendations of the committee and action of the Board.

M66. Upon motion made by Mr. Formby, seconded by Mr. Cash, the Board by a unanimous vote approved the following new degree programs:

- (a) Master of Fine Arts Degree with a major in Art (28).
- (b) Bachelor of Fine Arts Degree with a major in Art (29).
- (c) Bachelor of Arts or Bachelor of Science in Physical Education with a major in Dance (30).
- (d) Master of Science Degree with a major in Speech Pathology and Audiology (31).

The new degree programs were approved for submission to the Coordinating Board, Texas College and University System. The proposals to be submitted are attached and made a part of the Minutes. Attachments No. 28, No. 29, No. 30, and No. 31.

M67. Upon motion made by Mr. Formby, seconded by Mr. Allison, the Board by a unanimous vote approved changing the name of the "Department of Animal Husbandry" to the "Department of Animal Science," effective September 1, 1968.

M68. Upon motion made by Mr. Formby, seconded by Mr. Allison, the Board by a unanimous vote approved changing the name of the "Department of Dairy Industry" to the "Department of Dairy and Food Industry," effective September 1, 1968.

M69. Upon motion made by Mr. Formby, seconded by Mr. Hinn, the Board by a unanimous vote approved changing the name of the "School of Agriculture" to the "School of Agricultural Sciences," effective September 1, 1968.

M70. Upon motion made by Mr. Formby, seconded by Mr. Allison, the Board by a unanimous vote approved continuing the employment of the following individuals who will have reached the retirement age before September 1, 1968, for the fiscal year 1968-1969:

- (a) Dr. Charles Laurel Allen, Professor of Journalism; and
- (b) Dr. Martha Gene Shelden, Professor and Chairman of the Department of Clothing and Textiles.

M71. Upon motion made by Mr. Formby, seconded by Mr. Hinn, the Board by a unanimous vote approved two exceptions to the Policy with Respect to Retirement to allow the appointment of two persons who will have reached the age of seventy (70) prior to September 1, 1968. They are:

M71 (Continued).

- (a) Dr. Morris Frank Stubbs, Professor of Chemistry, appointment approved for the 1968-1969 academic year only; and
- (b) Dr. Rudolf Dreikurs, appointment as Visiting Professor of Psychology approved for the fall semester of the 1968-1969 academic year.

M72. Dr. S. M. Kennedy, Vice President for Academic Affairs, called attention to a three-page report he presented to the Campus and Building Committee on Friday, February 9, 1968. He presented the following summary:

- (a) "The present Business Administration Building should be assigned to the Department of English.
- (b) "The space vacated by Biology should be allocated to Physics and Geosciences, including Atmospheric Science.
- (c) "The present Naval Reserve Training Center should be allocated to Aerospace Studies and Military Science.
- (d) "The present Museum Building should be allocated to Sociology and Anthropology, Geography, and Philosophy.
- (e) "Recommendations for the present Architecture Building and the Music Building should await further developments."

A copy of the complete report is attached and made a part of the Minutes. Attachment No. 3.

M73. Upon motion made by Mr. Formby, seconded by Mr. Cash, the Board by a unanimous vote adopted a Resolution to implement House Bill Number 669, passed by the Sixtieth Legislature, Regular Session, 1967, concerning Faculty Development Leaves. A copy of the Resolution is attached and made a part of the Minutes. Attachment No. 35. A copy of H. B. 669 is attached and made a part of the Minutes for record purposes. Attachment No. 36.

M74. Dr. S. M. Kennedy, Vice President for Academic Affairs, gave an informational report of a recent meeting of the Coordinating Board, Texas College and University System, together with a report of the status of several items pending with the Coordinating Board. The complete text of Dr. Kennedy's report is given below:

"At the meeting on January 15 the Coordinating Board considered two requests and considered and approved an undifferentiated Master's degree in Engineering. It isn't completely adult education but gives us a chance to make some contributions in this field. The second proposal was a proposal by Texas Tech to authorize a Master's degree in Latin language. When this came up, the Coordinating Board staff, and I quote, 'does not believe the need for teachers of Latin in Texas warrants additional expansion. Further we believe the state has need for only one center offering graduate work, and the University of Texas at Austin is that center.' Therefore, they disapproved, and the program was turned down. Then the vice chairman of the Coordinating Board made a rather impassioned plea. He asked the board to consider several factors, including the regional

M74 (Continued).

factor, to take into account the numbers involved in teaching Latin. He urged them to restudy the matter and bring it back in April. The staff has begun a restudy, and I told our own people to prepare some revised materials. Yesterday the staff of the Coordinating Board phoned me and went over the project, and I know they are beginning to implement the restudy.

"There are still before the board the following requests: Department of Engineering Analysis and Design (they hope to have it ready for a report by April); Master of Arts program in Journalism (still pending before the board; it is waiting a statewide study which is now in draft form); Doctor of Philosophy in Spanish, for which some studies are under way statewide.

"Those are the two reports on what we have had approved and those items pending."

M75. Upon motion made by Mr. Formby, seconded by Mr. Hinn, the Board by a unanimous vote adopted a Resolution in appreciation of Dr. William Martin Pearce, who has submitted his resignation as Executive Vice President and Professor of History, effective February 29, 1968. Dr. Pearce has accepted the Presidency of Texas Wesleyan College, Fort Worth, Texas, effective June 1, 1968. A copy of the resolution is attached and made a part of the Minutes. Attachment No. 37.

M76. Upon motion made by Mr. Formby, seconded by Mr. Martin, the Board by a unanimous vote approved the following addition and clarification of Policy Statement 26 of the Board of Directors of Texas Technological College:

"The Board of Directors of Texas Technological College respects the rights of the faculty and the student body of Texas Tech to have full freedom in the discussion and presentation of all information and issues. This includes the right to invite off-campus speakers whose ideas and views differ from those of the Board, its individual members, or the President of Texas Tech. It is the policy of this Board that the facilities of this institution, which were paid for by the tax payers of Texas from their earnings in our society based on law and order, be not made available to any person or persons who by reason of their prior expressions or past actions would likely use the invitation to advocate:

"1. Lawlessness and disregard for the laws of this country;

"2. Any change in the laws of this country, other than by peaceful means; and

"3. The violent overthrow of our government.

"The President of Texas Tech is directed to initiate whatever procedures are necessary to execute the above published policy of this Board."

M77. Chairman Furr asked Mr. Hinn to present the report of the Campus and Building Committee. The next fourteen (14) items record the official action of the Board on the various committee recommendations.

M78. Mr. Hinn: "We had a lengthy meeting, a very interesting one.

"The first item listed was the presentation of flow charts by Howard Schmidt, showing proposed schedules for the development of plans and implementation of construction of all buildings now in programming, planning, or construction. That was presented. This panel over here shows it visually. It was also given to us on paper."

M79. Upon motion made by Mr. Hinn, seconded by Mr. Cash, the Board by a unanimous vote approved the plans submitted, with some minor modifications, for the remodeling on both the first and second floors of the east wing of the Administration Building.

M80. Upon motion made by Mr. Hinn, seconded by Mr. Allison, the Board by a unanimous vote authorized Zumwalt and Vinther, Incorporated, to develop plans and specifications for the necessary tunnel and utilities extensions for the new Architecture and Art facility. The work was authorized under the terms of the existing contract.

M81. A copy of the report on the building funds presented by Mr. M. L. Pennington, Vice President for Business Affairs, to the Campus and Building Committee is on file in the Office of the Secretary of the Board.

M82. Upon motion made by Mr. Hinn, seconded by Mr. Cash, the Board by a unanimous vote designated the new utilities plant as "Central Heating and Cooling."

M83. Upon motion made by Mr. Hinn, seconded by Mr. Allison, the Board by a unanimous vote approved the final renditions submitted by the architects on February 9, 1968, for the Chemistry Building addition.

M84. Upon motion made by Mr. Hinn, seconded by Mr. Cash, the Board by a unanimous vote approved the general policy of increasing the building budgets to include walks, drives, lights, sprinkler systems, and landscaping.

M85. The Board by mutual consent dropped the idea of a full basement for the Law School Building due to cost. The present plans are being drawn to include a basement of about 10,000 square feet.

M86. The Board received an informational report on the progress being made on additional campus lighting, walks, and landscaping.

M87. Mr. Hinn reported that the final plans for the Naval Reserve Training Center are being reviewed by the Campus Planning Committee and the consulting architect and that a bid date for the project should be established by the federal government in the very near future.

M88. Mr. Hinn reported that the feasibility study for the addition to the Student Union would soon be ready for the Campus Planning Committee and that continuing studies are being made on the possibility of swimming pools for the residence halls system.

M89. The Board by mutual consent decided not to locate a temporary postal unit in the area of the Texas Tech College Bookstore at this time.

M90. Upon motion made by Mr. Hinn, seconded by Mr. Allison, the Board expressed its willingness to grant the City of Lubbock additional land at the corner of Fifteenth Street, along University Avenue, and at the corner of Nineteenth Street and University Avenue. Mr. Formby was authorized to act for the Board in working out a satisfactory solution with the City of Lubbock in this area.

M91. Upon motion made by Mr. Hinn, seconded by Mr. Allison, the Board by a unanimous vote approved changing the name of the existing "Computer Center" to "Computer and Data Processing Center," effective with the housing of the Data Processing Department in the existing Computer-Architecture Building.

Mr. Furr left the room and Vice Chairman Cash called for the vote on the motion.

M92. Upon motion made by Mr. Hinn, seconded by Mr. Cash, the Board by a unanimous vote authorized the architects for the Museum Complex to proceed with final plans and specifications for the following Museum areas: (1) Main Core unit, (2) a portion of the main exhibit gallery, (3) the Moss Memorial Gallery, and (4) the Moody Planetarium.

M93. Chairman Furr called on Mr. Retha Martin, Chairman of the Finance Committee, for the report of his committee. The next five (5) items (M94 through M98) record the official action of the Board on the recommendations of the Finance Committee.

M94. Upon motion made by Mr. Martin, seconded by Mr. Cash, the Board by a unanimous vote approved the 1968 Summer School Budget as submitted by President Murray. A summary of the approved budget is given below:

#### 1968 SUMMER SCHOOL BUDGET SUMMARY

	<u>Teaching Salaries</u>	<u>Departmental Operating</u>	<u>1968 Budget Total</u>
Amount Appropriated for the 1968 Summer School -----	\$ 950,269.33	\$4,000.00	\$ 954,269.33
1968 Summer School Budget, Teaching Salaries Only -	<u>1,007,524.00</u>	<u>-0-</u>	<u>1,007,524.00</u>
Difference -----	<u>\$ 57,254.67(a)</u>	<u>\$4,000.00(b)</u>	<u>\$ 53,254.67</u>
Total Workshops, Institutes, and Field School -----			<u>\$ 99,850.20</u>
Total Summer School Budget -----			<u>\$1,107,374.20</u>

(a) Appropriate from the unappropriated balance the sum of \$57,254.67 to 1968 Summer School Budget for Teaching Salaries.

(b) Lapse the budgeted allocation in the amount of \$4,000.00 budgeted for Departmental Operating Expenses for the 1968 Summer School.



M95. Upon motion made by Mr. Martin, seconded by Mr. Cash, the Board voted to continue the present program of self-insurance for the Workmen's Compensation Insurance Program for another year with a request that the College conduct a vigorous safety program.

M96. Upon motion made by Mr. Martin, seconded by Mr. Allison, the Board ratified the \$1.00 addition to the Student Services Fee for the 1968 Spring Semester. The income from the additional fee is to be used to help finance the campus buses on a trial basis for the 1968 Spring Semester.

M97. Upon motion made by Mr. Martin, seconded by Mr. Cash, the Board by a unanimous vote authorized the issuance of \$5,000,000.00 in revenue bonds in May 1968 for delivery in July 1968, with the added stipulation that plans be made promptly in order to go to market at an earlier date if the bond market should improve sufficiently to justify an early sale. The preparation would include the services of bond counsel and a fiscal agent.

M98. Upon motion made by Mr. Martin, seconded by Mr. Cash, the Board authorized the administration to file loan applications under Title III of the Higher Education Facilities Act of 1963 for the Chemistry Addition and the Architecture-Art facilities.

M99. Mr. Bill J. Parsley, Vice President for Development, gave a brief report on activities of the Office of Development; announced the meeting of the Texas Technological College Foundation Board for February 16, 1968; and introduced Mr. DeWitt Thompson, Project Director, Office of Development.

M100. Mr. Alvin R. Allison, Chairman of the Public Relations and Legislative Committee, gave the following report:

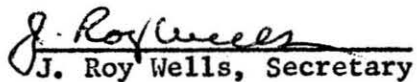
"We would like to give public notice that we have just received the results of the survey made by the name change committee. . . . The Board will, at the proper time, give consideration to the changing of the name of the university."

M101. Chairman Furr asked Dr. Grover E. Murray, President, for his report. A copy of the report is attached and made a part of the Minutes. Attachment No. 38.

M102. Upon motion made by Mr. Allison, seconded by Mr. Cash, the Board by a unanimous vote approved the following dates for the regular Board meetings between September 1, 1968, and August 31, 1969.

<u>Date</u>	<u>Place</u>	<u>Time</u>
September 28, 1968	Lubbock, Texas	9:30 a.m.
December 14, 1968	Lubbock, Texas	9:30 a.m.
February 8, 1969	Lubbock, Texas	9:30 a.m.
April 12, 1969	Lubbock, Texas	9:30 a.m.
May 31, 1969	Lubbock, Texas	9:30 a.m.
August 23, 1969	Lubbock, Texas	9:30 a.m.

M103. The meeting adjourned at 11:45 a.m. until the next regular meeting on Saturday, April 20, 1968, to be held on the campus of Texas Technological College, Lubbock, Texas.

  
J. Roy Wells, Secretary

JRW/bg

February 24, 1968

Attachments: (February 10, 1968)

- A. Items No. A227 through No. A344; Item M63.
- B. Items No. B101 through No. B138; Item M63.
- C. Items No. C271 through No. C319; Item M63.
- D. Items No. D109 through No. D159; Item M63.
- E. Items No. E370 through No. E491; Item M63.
- F. Items No. F97 through No. F154; Item M63.
- G. Items No. G469 through No. G670; Item M63.
- H. Items No. H346 through No. H421; Item M63.
- 1. Resolution Terminating the Grant Agreement between Texas Technological College and the United States Commissioner of Education for Grant Funds; Item H362.
- 2. Resolution--Approval of Official Travel Reimbursements; Item H347.
- 3. Resolution--Authority to Approve Travel; Item H346.
- 4. Letter from Mr. John T. Wilson, Deputy Director, National Science Foundation; Account No. 391-1242; Dr. Paul V. Prior, Director; Item H418.
- 5. Tuition Scholarships, Section 30-C, Article 4, Senate Bill No. 15, Acts of the 60th Legislature; Fall Semester; Item H352.
- 5B. Tuition Scholarships, Section 30-C, Article 4, Senate Bill No. 15, Acts of the 60th Legislature; Spring Semester; Item H352.
- 6. Gifts to the College through Texas Technological College Foundation; Item H413.
- 7. Memorandum of Agreement, Plains Cooperative Oil Mill, Lubbock, Texas, for Research; Account No. 391-3547; Dr. Robert C. Albin; Item H356.

8. Mexican-American Teacher Education Program; Professional Fee; Account No. 391-3178; Item H399.
9. Memorandum from the Vice President for Business Affairs; Amco Electric Company Contract; Item H358.
10. Bid Tabulation; Utilities Extension Textile Chemical Research Laboratories; Item H358.
11. Amco Electric Company Contract; Textile Chemical Research Laboratory; Item H358.
12. Memorandum from Mr. M. L. Pennington to Zumwalt and Vinther, Inc.; Fluid Dynamics Laboratory; Item H349.
13. Memorandum from Mr. M. L. Pennington to Zumwalt and Vinther, Inc.; Law School Building; Item No. H349.
14. Memorandum from Mr. M. L. Pennington to Zumwalt and Vinther, Inc.; Textile Chemical Research Laboratory; Item H349.
15. Memorandum from Mr. M. L. Pennington to Zumwalt and Vinther, Inc.; Chemistry Building Addition; Item H349.
16. Memorandum from Mr. M. L. Pennington Concerning Contract with Bill J. Hood, Paving Contractor; Item H354.
17. Bid Tabulation for Providing 27 Parking Spaces West of the Speech Theater; Item H354.
18. Contract with Bill J. Hood, Dirt and Paving Contractor, for Paving 27 Parking Spaces; Item H354.
19. Extension of Option to Lease Warehouse Facilities; Item H357.
20. Contract Change in Contract with Anthony Company; Central Heating and Cooling Plant; Item H348.
21. Letter from Dr. John T. Wilson; National Science Foundation Grant No. GB-5959; Account No. 391-4071; Dr. Francis Lewis Rose; Item H401.
22. Graduate Fellowships and/or Scholarships; Account No. 191-8010; Item H404.
23. Purchase from Faculty Members by Texas Tech College Bookstore; Item H408.
24. Third Change to Contract No. OSD-47-043 MEP-268; Modification No. A037; Item H459.
25. First Change to Contract No. DAHC11-67-C-0037; Modification No. A082; Item H459.
26. Amendment to Memorandum of Agreement between B & M Vending Company and Texas Tech; Sale of Cigarettes in Men's Dormitories; Item H350.



27. Amendment to Memorandum of Agreement between Williamson Washing Machine Supply Company, Inc., and Texas Technological College; Washers and Dryers for Weymouth Hall; Item H351.
28. Proposed Program Leading to Master of Fine Arts Degree with a Major in Art; Item M66.
29. Proposed Program Leading to Bachelor of Fine Arts Degree with a Major in Art; Item M66.
30. Proposed Program Leading to Bachelor of Arts Degree with a Major in Dance; Item M66.
31. Proposed Program Leading to Master of Science in Speech Pathology; Item M66.
32. Report on the International Center for Arid and Semi-Arid Land Studies by Dr. Thadis W. Box; Item M64.
33. Texas Tech News Release about Moody Foundation Grant for the Moody Planetarium; Item M62.
- 33A. Letter from Mr. Robert E. Baker, Executive Director, The Moody Foundation, Galveston, Texas, 77550; Item M62.
34. Report to the Building Committee by Dr. S. M. Kennedy, Vice President for Academic Affairs; Item M72.
35. Resolution on Faculty Development Leaves; Item M73.
36. House Bill No. 669 Passed by the 60th Legislature; Faculty Benefits; Item M73.
37. Resolution in Appreciation of Dr. William Martin Pearce; Item M75.
38. President Murray's Report to the Board; Item M101.

Budget Attachments: (February 10, 1968)

1. Budget; Organized Research Account No. 191-4397; Dr. Weldon Vernon Barton; Item E434.
2. Budget; Organized Research Account No. 191-4396; Dr. Doris Ann Horton; Item E435.
3. Budget; Organized Research Account No. 191-4395; Dr. Charles Laurel Allen; Item E436.
4. Budget; Organized Research Account No. 191-4394; Dr. James F. Donaldson; Item E437.
5. Budget; Organized Research Account No. 191-4393; Dr. Nathan Robert Denny; Item E438.

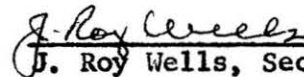
6. Budget; Organized Research Account No. 191-4704; Dr. Robert James Baker; Item E439.
7. Budget; Organized Research Account No. 191-4705; Dr. John E. George; Item E440.
8. Budget; Organized Research Account No. 191-4706; Dr. Robert W. Gorden; Item E441.
9. Budget; Organized Research Account No. 191-4707; Dr. John N. Marx; Item E442.
10. Budget; Organized Research Account No. 191-4708; Dr. James R. Craig; Item E443.
11. Budget; Organized Research Account No. 191-8217; Mr. Robert Rentoul Reed; Item E444.
12. Budget; Organized Research Account No. 191-8218; Mr. Robert Rentoul Reed; Item E445.
13. Budget; Organized Research Account No. 191-8219; Dr. Ellis Wright Huddleston; Item E446.
14. Budget; Organized Research Account No. 191-4709; Dr. Charles Carter Waid; Item E447.
15. Budget; Organized Research Account No. 391-4071; Dr. Francis Lewis Rose; Item E448.
16. Budget; Organized Research Account No. 191-8604; Dr. Russell H. Seacat, Jr.; Item E449.
17. Budget; Organized Research Account No. 391-3227; Dr. Eugene Alfred Coleman; Item E450.
18. Budget; Organized Research Account No. 391-3547; Dr. Robert C. Albin; Item E451.
19. Budget; Organized Research Account No. 391-3690; Dr. Russell H. Seacat, Jr.; Item E452.
20. Budget; Organized Research Account No. 391-3180; Dr. Thomas Richard Owens; Item E453.
21. Budget; Organized Research Account No. 391-3268; Dr. Dale Wendel Zinn; Item E454.
22. Budget; Organized Research Account No. 391-3180; Dr. Thomas Charles Owens; Item E455.
23. Budget; Organized Research Account No. 391-3290; Dr. Willard Forest Williams; Item E456.

24. Budget; Organized Research Account No. 491-0155; Mrs. Luta P. Eaves; Item E457.
25. Budget; Organized Research Account No. 491-0155; Mrs. Luta P. Eaves; Item E458.
26. Budget; Organized Research Account No. 391-1498; Dr. Richard Albert Dudek; Item E459.
27. Budget; Organized Research Account No. 391-3512; Dr. Eric George Bolen; Item E460.
28. Budget; Organized Research Account No. 391-4090; Dr. Magne Kristiansen; Item E461.
29. Budget; Organized Research Account No. 191-5931; Dr. Samuel Everett Curl; Item E462.
30. Budget; Organized Research Account No. 191-5932; Dr. Ellis Wright Huddleston; Item E463.
31. Budget; Organized Research Account No. 191-5933; Dr. Berthold Claudio Friedl; Item E464.
32. Budget; Organized Research Account No. 191-5934; Dr. James Roland Craig; Item E465.
33. Budget; Organized Research Account No. 191-5935; Dr. John Joseph Dowling; Item E466.
34. Budget; Organized Research Account No. 191-5936; Dr. David Bruce Jordan; Item E467.
35. Budget; Organized Research Account No. 191-5937; Dr. Van Mitchell Smith; Item E468.
36. Budget; Organized Research Account No. 191-5938; Dr. Idris Rhea Traylor, Jr.; Item E469.
37. Budget; Organized Research Account No. 191-5939; Mr. James Marion Skaggs; Item E470.
38. Budget; Organized Research Account No. 191-5940; Mrs. Mary Helen McCarty; Item E471.
39. Budget; Organized Research Account No. 191-5941; Mr. Roy Sylvan Dunn; Item E472.
40. Budget; Organized Research Account No. 191-5942; Dr. Darrell Lee Vines; Item E473.
41. Budget; Organized Research Account No. 191-5943; Mr. Raymond Eli Boche; Item E474.

42. Budget; Organized Research Account No. 191-5944; Mrs. Lou Ann Roberts; Item E475.
43. Budget; Organized Research Account No. 391-1437; Dr. John R. Bradford; Item E476.
44. Budget; Organized Research Account No. 391-3380; Dr. Thadis W. Box; Item E477.
45. Budget; Organized Research Account No. 391-8760; Dr. Thadis W. Box; Item E478.
46. Budget; Organized Research Account No. 391-2683; Mrs. Dorothy Mae Pijan; Item E479.
47. Budget; Organized Research Account No. 391-1437; Dr. John R. Bradford; Item E480.

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I, J. Roy Wells, the duly appointed and qualified Secretary of the Board of Directors, hereby certify that the above and the foregoing is a true and correct copy of the Minutes of the Texas Technological College Board of Directors Meeting on February 10, 1968.

  
J. Roy Wells, Secretary

COLLEGE SEAL

February 24, 1968

TEXAS TECHNOLOGICAL COLLEGE  
Lubbock, Texas

Appoint (General Administration, Teaching, Research, and Non-Classified Positions):

No.	Name, Rank and/or Title	Department or Office	Contract Period	Salary Rate	Source of Funds		
					Budgeted Balances*	Page No.	Item No.
1967-1968 Budget							
A227	Mr. Dewitt P. Thompson Director of Projects	Office of Develop.	1/2/68 8/31/68	\$12,000.00 12 months	-0- \$7,967.74*	-0- 31	-0- 1A
A228	Mr. William Ray Masch Teaching Assistant	Agricul. Economics	Noon 1/16/68 5/31/68	1,200.00 4½ months	-0- 1,200.00*	-0- 42	-0- 15D
A229	Mr. Wade Lewis Griffin Teaching Assistant	Agricul. Economics	Noon 1/16/68 5/31/68	600.00 4½ months	-0- 600.00*	-0- 42	-0- 15E
A230	Mr. Donald A. Klebenow Assistant Professor	Agron. & Range Mgt.	Noon 1/16/68 8/31/68	3,437.50 7½ months	-0- 3,437.50*	-0- 47	-0- 14A
A231	Mr. Emmanuel Van Nierop Associate Professor	P.A., H. & Ento.	1/16/68 5/31/68	6,250.00 4½ months	-0- 6,250.00*	-0- 52	-0- 6A
A232	Mr. Daniel Leon Englert Instructor	Chemistry	1/16/68 5/31/68	3,500.00 4½ months	-0- 3,500.00*	-0- 68	-0- 21B
A233	Mr. Jerald R. Schweiger Teaching Assistant	Chemistry	1/16/68 5/31/68	1,200.00 4½ months	-0- 1,200.00*	-0- 69	-0- 54A
A234	Miss Cherryl A. Wagner Instructor	Class. & Rom. Lang.	12/4/67 5/31/68	8,000.00 9 months	-0- 5,548.39*	-0- 73	-0- 25A
A235	Mrs. Caren Kay Ferguson Teaching Assistant	Class. & Rom. Lang.	1/16/68 5/31/68	1,600.00 4½ months	-0- 1,600.00*	-0- 73	-0- 27B
A236	Miss Gwendolyn Connelley Teaching Assistant	English	Noon 1/16/68 5/31/68	600.00 4½ months	-0- 600.00*	-0- 82	-0- 83A
A237	Mr. Lonnie Dillard, Jr. Teaching Assistant	English	Noon 1/16/68 5/31/68	1,200.00 4½ months	-0- 1,200.00*	-0- 82	-0- 85B
A238	Miss Susan Kay Jensen Teaching Assistant	English	Noon 1/16/68 5/31/68	1,200.00 4½ months	-0- 1,200.00*	-0- 83	-0- 104A

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					Budgeted Balances*	Page No.	Item No.
A239	Mrs. Martha W. McMath Teaching Assistant	English	Noon 1/16/68 5/31/68	\$ 600.00 4½ months	-0- \$ 600.00*	-0- 83	-0- 113A
A240	Mrs. Elizabeth Pontius Teaching Assistant	English	Noon 1/16/68 5/31/68	1,200.00 4½ months	-0- 1,200.00*	-0- 84	-0- 123B
A241	Miss Evelyn Thompson Teaching Assistant	English	Noon 1/16/68 5/31/68	600.00 4½ months	-0- 600.00*	-0- 85	-0- 139A
A242	Mr. Ronald H. Prewitt Teaching Assistant	Geosci.	1/16/68 5/31/68	600.00 4½ months	-0- 600.00*	-0- 93	-0- 35A
A243	Mr. James C. Reed Teaching Assistant	Geosci.	Noon 1/16/68 5/31/68	600.00 4½ months	-0- 600.00*	-0- 93	-0- 36
A244	Mr. Nelson Brent Yoder Teaching Assistant	Geosci.	Noon 1/16/68 5/31/68	1,200.00 4½ months	-0- 1,200.00*	-0- 93	-0- 41A
A245	Mr. Barry Lynn Zinz Teaching Assistant	Geosci.	1/16/68 5/31/68	1,200.00 4½ months	-0- 1,200.00*	-0- 93	-0- 42A
A246	Miss Barbara Ona Bryant Teaching Assistant	Germ. & Sl. Lang.	1/16/68 5/31/68	1,200.00 4½ months	-0- 1,200.00*	-0- 95	-0- 8A
A247	Mr. Ronald Eugene Dover Teaching Assistant	Math.	1/16/68 5/31/68	1,300.00 4½ months	-0- 1,300.00*	-0- 115	-0- 81A
A248	Mr. Rosser J. Smith III Teaching Assistant	Math.	1/16/68 5/31/68	1,300.00 4½ months	-0- 1,300.00*	-0- 116	-0- 112A
A249	Mr. Garry Dwight Speir Teaching Assistant	Math.	1/16/68 5/31/68	1,200.00 4½ months	-0- 1,200.00*	-0- 116	-0- 114A
A250	Mrs. Mary M. Whiteside Teaching Assistant	Math.	1/16/68 5/31/68	1,300.00 4½ months	-0- 1,300.00*	-0- 116	-0- 119A
A251	Mr. Robert Francis Kelly Teaching Assistant	Acctg.	1/16/68 5/31/68	1,300.00 4½ months	-0- 1,300.00*	-0- 140	-0- 67
A252	Mr. Joe Louis Murfee III Teaching Assistant	Acctg.	1/16/68 5/31/68	1,200.00 4½ months	-0- 1,200.00*	-0- 140	-0- 75

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					Budgeted Balances*	Page No.	Item No.
A253	Mr. Richard H. Bethel Teaching Assistant	Bus. Ed. & Sec. Ad.	1/16/68 5/31/68	\$1,200.00 4½ months	-0- \$1,200.00*	-0- 143	-0- 18A
A254	Mr. Robert Dale Whipple Assistant to the Dean	Dean of Engr.	6/1/68 8/31/68	4,100.00 3 months	-0- 4,100.00*	-0- 165	-0- 3A
A255	Mr. Troy Lynn Lovell Teaching Assistant	Civil Engr.	Noon 1/16/68 5/31/68	1,200.00 4½ months	-0- 1,200.00*	-0- 175	-0- 20A
A256	Mr. Charles E. Houston Professor	Elec. Engr.	1/16/68 5/31/68	6,150.00 4½ months	-0- 6,150.00*	-0- 176	-0- 4
A257	Mr. Jackie Ervin Hipp Teaching Assistant	Elec. Engr.	1/16/68 5/31/68	400.00 4½ months	-0- 400.00*	-0- 177	-0- 27
A258	Mr. William Morris Riley Teaching Assistant	Elec. Engr.	1/16/68 5/31/68	1,200.00 4½ months	-0- 1,200.00*	-0- 177	-0- 34
A259	Mr. Jorman Albert Koski Teaching Assistant	Mech. Engr.	Noon 1/16/68 5/31/68	1,400.00 4½ months	-0- 1,400.00*	-0- 183	-0- 21A
A260	Dr. Pauline Pronski Hall Associate Professor	Cloth. & Text.	1/16/68 5/31/68	7,000.00 4½ months	-0- 7,000.00*	-0- 191	-0- 5A
A261	Mrs. Mary M. Boswell Assistant Professor	Home Ec. Education	1/16/68 5/31/68	5,250.00 4½ months	-0- 5,250.00*	-0- 195	-0- 6A
A262	Miss Irene M. Gromatzky Assistant Professor	Home Ec. Education	1/16/68 5/31/68	5,250.00 4½ months	-0- 5,250.00*	-0- 195	-0- 6B
A263	Mr. Walter Ray Phillips Professor	School of Law	8/1/68 8/31/68	2,055.56 1 month	-0- 2,055.56*	-0- 202	-0- 2A
A264	Mr. John Charles Owens Research Assistant	Org. Res. 191-8209	11/1/67 8/31/68	300.00 10 months	300.00 -0-	-0- -0-	5 -0-
A265	Mr. John Charles Owens Research Assistant	Org. Res. 191-8168	11/1/67 8/31/68	500.00 10 months	500.00 -0-	-0- -0-	5 -0-
A266	Mr. John Charles Owens Research Assistant	Org. Res. 191-3088	11/1/67 8/31/68	700.00 10 months	700.00 -0-	-0- -0-	6 -0-
A267	Mr. Cecil Allen McClure Research Assistant	Org. Res. 191-4785	1/16/68 5/31/68	225.00 4½ months	225.00 -0-	321 -0-	4A -0-



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No.	Name, Rank and/or Title	Department or Office	Contract Period	Salary Rate	Source of Funds		
					Budgeted Balances*	Page No.	Item No.
A268	Mr. William Allen Porter Research Assistant	Org. Res. 191-5425	1/16/68 5/31/68	\$1,200.00 4½ months	\$3,200.00 -0-	342 -0-	4 -0-
A269	Mr. George Marshall Molen Research Assistant	Org. Res. 191-5415	1/16/68 5/31/68	1,200.00 4½ months	2,400.00 -0-	343 -0-	4 -0-
A270	Mr. Donald A. Klebenow Research Associate	Org. Res. 191-4152	Noon 1/16/68 8/31/68	3,437.50 7½ months	-0- 3,437.50*	-0- 355	-0- 6B
A271	Mr. James Alfred Petty Research Assistant	Org. Res. 191-8150	1/8/68 8/31/68	3,000.00 12 months	3,000.00 -0-	356 -0-	16 -0-
A272	Mr. James Wallace Watts Research Assistant	Org. Res. 191-8604	1/16/68 5/31/68	1,200.00 4½ months	3,200.00 -0-	360C -0-	7 -0-
A273	Dr. J. Joel Moss Co-Investigator	Org. Res. 191-8708	6/1/68 7/13/68	2,500.00 1½ months	2,500.00 -0-	-0- -0-	5 -0-
A274	Mr. Peter Craig Bentsen Research Assistant	Org. Res. 191-5435	12/1/67 5/31/68	750.00 6 months	3,200.00 -0-	-0- -0-	5 -0-
A275	Mr. Jesse C. Snodgrass Research Assistant	Org. Res. 191-8213	2/1/68 8/31/68	1,750.00 4½ months	1,750.00 -0-	-0- -0-	6 -0-
A276	Dr. Leonard Hughes Post-doctoral Fellow	Org. Res. 391-3062	4/1/68 3/31/69	8,400.00 12 months	8,400.00 -0-	-0- -0-	5A -0-
A277	Mr. Richard D. Chitwood Research Assistant	Org. Res. 391-3180	Noon 1/16/68 4/30/68	875.00 3½ months	875.00 -0-	-0- -0-	5 -0-
A278	Mr. James Carey Cato Research Assistant	Org. Res. 391-3180	1/1/68 2/29/68	400.00 2 months	400.00 -0-	-0- -0-	6 -0-
A279	Mr. Wade Lewis Griffin Research Assistant	Org. Res. 391-3181	2/1/68 5/31/68	466.67 4½ months	3,500.00 -0-	-0- -0-	6 -0-
A280	Mr. James Carey Cato Research Assistant	Org. Res. 391-3290	1/1/68 2/29/68	100.00 2 months	100.00 -0-	-0- -0-	4 -0-
A281	Mr. Alan Kent Montei Research Assistant	Org. Res. 391-3512	2/1/68 1/31/69	3,000.00 12 months	3,000.00 -0-	-0- -0-	5 -0-
A282	Mr. Polk F. Robison Director & Bus. Mgr.	Intercoll. Athletics	1/1/68 12/31/68	20,000.00 12 months	18,000.00 1,333.33*	376 376	1 1



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					Budgeted Balances*	Page No.	Item No.
A283	Mr. J. T. King Head Football Coach Assistant Director	Intercoll.	1/1/68	\$20,000.00	\$18,000.00	376	2
		Athletics	12/31/68	12 months	1,333.33*	376	2
A284	Mr. Burl Alva Bartlett Asst. Football Coach	Intercoll.	1/1/68	13,500.00	12,000.00	376	3
		Athletics	12/31/68	12 months	1,050.00*	376	3
A285	Mr. John Francis Conley Asst. Football Coach	Intercoll.	1/1/68	15,800.00	14,300.00	376	4
		Athletics	12/31/68	12 months	1,000.00*	376	4
A286	Mr. Daniel E. Henderson Asst. Football Coach	Intercoll.	1/1/68	11,500.00	10,500.00	376	5
		Athletics	12/31/68	12 months	666.67*	376	5
A287	Mr. George Berl Huffman Freshman Football Coach Varsity Baseball Coach	Intercoll.	1/1/68	13,000.00	12,300.00	376	6
		Athletics	12/31/68	12 months	466.67*	376	6
A288	Mr. Matt Richard Lair Asst. Football Coach	Intercoll.	1/1/68	15,800.00	14,300.00	376	7
		Athletics	12/31/68	12 months	1,000.00*	376	7
A289	Mr. Bradley Mills, Jr. Asst. Football Coach	Intercoll.	1/1/68	11,500.00	10,300.00	376	8
		Athletics	12/31/68	12 months	866.67*	376	8
A290	Mr. Grant G. Teaff Asst. Football Coach	Intercoll.	1/1/68	13,500.00	12,200.00	376	9
		Athletics	12/31/68	12 months	866.67*	376	9
A291	Mr. Marion T. Wilson Asst. Football Coach	Intercoll.	1/1/68	8,500.00	7,500.00	376	10
		Athletics	12/31/68	12 months	666.67*	376	10
A292	Mr. Tom R. Wallace Research Associate	Text. Res.	12/1/67	12,000.00	12,000.00	453	16
		Center	8/31/68	12 months	-0-	-0-	-0-
A293	Mr. Thomas Alvin Fields Teaching Assistant	Read. Prg.	11/20/67	433.33	3,500.00	464	5
		491-0283	1/12/68	7 weeks	-0-	-0-	-0-
A294	Mr. Robert C. Beck Teaching Assistant	Read. Prg.	11/20/67	466.66	2,400.00	464	6
		491-0283	1/12/68	7 weeks	-0-	-0-	-0-
A295	Mr. C. M. Deardorff Teaching Assistant	Read. Prg.	11/20/67	200.00	2,400.00	464	7
		491-0283	1/12/68	7 weeks	-0-	-0-	-0-
A296	Mr. Larry Wendell Hayes Teaching Assistant	Read. Prg.	11/20/67	466.66	2,400.00	464	8
		491-0283	1/12/68	7 weeks	-0-	-0-	-0-
A297	Mr. Philip David Maimon Teaching Assistant	Read. Prg.	11/20/67	466.66	2,400.00	464	9
		491-0283	1/12/68	7 weeks	-0-	-0-	-0-

No.	Name, Rank and/or Title	Department or Office	Contract Period	Salary Rate	Source of Funds		
					Budgeted Balances*	Page No.	Item No.
A298	Mr. David Oliver Hill Teaching Assistant	Read. Prg. 491-0283	11/20/67 1/12/68	\$ 433.00 7 weeks	-0- \$ 433.00*	-0- 464	-0- 9A
A299	Miss Helen Kay Ludeman Teaching Assistant	Read. Prg. 491-0283	11/20/67 1/12/68	200.00 7 weeks	-0- 200.00*	-0- 464	-0- 9B
A300	Mrs. Judith M. Trotter Teaching Assistant	Read. Prg. 491-0283	11/20/67 1/12/68	200.00 7 weeks	-0- 200.00*	-0- 464	-0- 9C

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1968 Summer School

A301	Dr. William R. Forrester Visiting Professor	School of Law	6/5/68 7/6/68	3,250.00 1 month	Summer School Budget -0-	-0-	-0-
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1968-1969 Budget

A302	Mr. Peter James Kovi Teaching Assistant	Chemistry	9/1/68 5/31/69	2,400.00 9 months			
A303	Mr. Michael F. Langohr Teaching Assistant	Chemistry	9/1/68 5/31/69	2,400.00 9 months			
A304	Mr. Shou-Jen Yan Teaching Assistant	Chemistry	9/1/68 5/31/69	2,400.00 9 months			
A305	Dr. Irving Weinberg Professor	Physics	9/1/68 5/31/69	16,500.00 9 months			
A306	Mr. William Guy Tolliver Instructor	Speech	9/1/68 5/31/69	7,500.00 9 months			
A307	Mr. Belverd E. Needles Assistant Professor	Acctg.	9/1/68 5/31/69	12,500.00 9 months			
A308	Dr. Danny Joe Leathers Part-time Instructor	Chemistry	9/1/68 5/31/69	2,600.00 9 months			
A309	Mr. Ernest N. Sturdivant Teaching Assistant	Chemistry	9/1/68 5/31/69	2,400.00 9 months			
A310	Mr. James Chien-hsing Wu Teaching Assistant	Chemistry	9/1/68 5/31/69	2,400.00 9 months			

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No.	Name, Rank and/or Title	Department or Office	Contract Period	Salary Rate	Source of Funds		
					Budgeted Balances*	Page No.	Item No.
A311	Mr. Dale W. Davis Assistant Professor	English	9/1/68 5/31/69	\$9,500.00 9 months			
A312	Mr. Johnny Carl Walker Teaching Assistant	Accounting	9/1/68 5/31/69	2,400.00 9 months			
A313	Mr. Robert L. Bonnington Associate Professor	Economics	9/1/68 5/31/69	12,500.00 9 months			
* * * * *							
<u>1968 Summer School</u>							
A314	Dr. Lewis P. Fickett Professor	Government	6/3/68 8/24/68	5,667.00 12 weeks	\$5,667.00 -0-	36 -0-	4 -0-
* * * * *							
<u>1967-1968 Budget</u>							
A315	Mr. Allen Floyd Parr Temporary Instructor	Animal Husbandry	1/16/68 5/31/68	6,500.00 9 months	-0- 3,250.00*	-0- 49	-0- 15A
A316	Mr. David Harry Drake Teaching Assistant	Chemistry	1/16/68 5/31/68	1,200.00 4½ months	-0- 1,200.00*	-0- 60	-0- 33A
A317	Mr. Loyd Samuel Deen Teaching Assistant	Biology	1/16/68 5/31/68	1,200.00 4½ months	-0- 1,200.00*	-0- 64	-0- 45A
A318	Mrs. Virgie K. Johnson Teaching Assistant	Biology	1/16/68 5/31/68	1,300.00 4½ months	-0- 1,300.00*	-0- 64	-0- 54A
A319	Mr. Robert C. McReynolds Teaching Assistant	Biology	1/16/68 5/31/68	1,200.00 4½ months	-0- 1,200.00*	-0- 64	-0- 56B
A320	Mrs. SuEarl McReynolds Teaching Assistant	Biology	1/16/68 5/31/68	1,200.00 4½ months	-0- 1,200.00*	-0- 64	-0- 56C
A321	Mrs. Mary E. George Teaching Assistant	English	1/16/68 5/31/68	1,300.00 4½ months	-0- 1,300.00*	-0- 68	-0- 36A
A322	Mrs. Emily J. Anderson Teaching Assistant	G. & S. Languages	1/16/68 5/31/68	1,200.00 4½ months	-0- 1,200.00*	-0- 95	-0- 7A
A323	Mr. Richard F. Barrett Teaching Assistant	Govt.	1/16/68 5/31/68	1,200.00 4½ months	-0- 1,200.00*	-0- 98	-0- 35A

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No.	Name, Rank and/or Title	Department or Office	Contract Period	Salary Rate	Source of Funds		
					Budgeted Balances*	Page No.	Item No.
A324	Mr. Khaled M. Kayali Teaching Assistant	Govt.	1/16/68 5/31/68	\$1,200.00 4½ months	-0- \$1,200.00*	-0- 99	-0- 40A
A325	Mr. William A. Coberly Teaching Assistant	Math.	1/16/68 5/31/68	600.00 4½ months	-0- 600.00*	-0- 114	-0- 76
A326	Mr. Douglas Ray Gladden Teaching Assistant	Math.	1/16/68 5/31/68	1,200.00 4½ months	-0- 1,200.00*	-0- 115	-0- 85A
A327	Mr. Dale Robert Rhoades Teaching Assistant	Math.	1/16/68 5/31/68	1,200.00 4½ months	-0- 1,200.00*	-0- 116	-0- 108B
A328	Mr. Howard Drew Helwig Teaching Assistant	Psychology	1/16/68 5/31/68	600.00 4½ months	-0- 600.00*	-0- 128	-0- 32A
A329	Mr. Thomas Blake Posey Teaching Assistant	Psychology	1/16/68 5/31/68	650.00 4½ months	-0- 650.00*	-0- 128	-0- 34A
A330	Mr. Andy Baum French Teaching Assistant	Acctg.	1/16/68 5/31/68	1,200.00 4½ months	-0- 1,200.00*	-0- 140	-0- 60A
A331	Mr. Ronald George Thorn Teaching Assistant	Acctg.	1/16/68 5/31/68	1,200.00 4½ months	-0- 1,200.00*	-0- 141	-0- 90A
A332	Mrs. Virginia G. Holmes Teaching Assistant	Bus. Ed. & Sec. Ad.	1/16/68 5/31/68	1,200.00 4½ months	-0- 1,200.00*	-0- 143	-0- 19A
A333	Mrs. Bettie F. McQueen Teaching Assistant	Bus. Ed. & Sec. Ad.	1/16/68 5/31/68	1,200.00 4½ months	-0- 1,200.00*	-0- 143	-0- 24A
A334	Mr. Charles M. Mika Teaching Assistant	Finance	1/16/68 5/31/68	1,200.00 4½ months	-0- 1,200.00*	-0- 149	-0- 31A
A335	Mr. Virgil Leon Thomas Teaching Assistant	Finance	1/16/68 5/31/68	1,200.00 4½ months	-0- 1,200.00*	-0- 150	-0- 38A
A336	Mrs. Patricia E. Marlow Assistant Professor	Elementary Education	1/16/68 5/31/68	4,000.00 4½ months	-0- 4,000.00*	-0- 159	-0- 10A
A337	Mr. William F. Howard Teaching Assistant	Chemical Engr.	1/16/68 5/31/68	600.00 4½ months	-0- 600.00*	-0- 172	-0- 14A
A338	Mr. Norman Patrick Nunn Teaching Assistant	Chemical Engr.	1/16/68 5/31/68	600.00 4½ months	1,200.00 -0-	173 -0-	16 -0-
A339	Mr. C. M. Anderson, Jr. Instructor	Home & Fam. Life	1/16/68 5/31/68	4,500.00 4½ months	-0- 4,500.00*	-0- 198	-0- 24B

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					Budgeted Balances*	Page No.	Item No.
A340	Mr. John S. Blair III Research Assistant	Org. Res. 391-3182	6/1/68 8/31/68	\$ 800.00 3 months	-0- \$ 800.00*	-0- -0-	-0- 12
A341	Mr. John McAllen James Research Assistant	Org. Res. 391-3182	6/1/68 8/31/68	800.00 3 months	-0- 800.00*	-0- -0-	-0- 18
A342	Mr. Dewey Wynn Eckert Research Assistant	Org. Res. 391-3189	2/1/68 6/30/68	1,333.35 5 months	1,333.35 -0-	-0- -0-	7 -0-
A343	Mr. Billy Lynn Harris Research Assistant	Org. Res. 391-3295	1/29/68 6/30/68	250.00 per month	3,600.00 -0-	-0- -0-	5 -0-
A344	Mr. Jack Edward McClung Research Assistant	Texas Tech Res. Farm	2/1/68 2/29/68	250.00 1 month	3,135.00 -0-	410 -0-	9 -0-

TEXAS TECHNOLOGICAL COLLEGE  
Lubbock, Texas

Resignation and/or Termination (General Administration, Teaching, Research, and  
Non-Classified Positions):

No.	Name, Rank and/or Title	Department or Office	Beginning* or Close of Day	Salary Rate	Page No.	Item No.
B101	Dr. Glen M. Rydl Assistant Professor	Park Ad., Hort. & Ento.	-0- 5/31/68	\$11,000.00 9 months	-0- 52	-0- 10
B102	Mrs. Patricia E. Marlow Assistant Professor	Art	Noon 1/16/68	4,800.00 9 months	-0- 60	-0- 24
B103	Mr. Daniel Leon Englert Teaching Assistant	Chemistry	Noon 1/16/68	750.00 9 months	-0- 68	-0- 34
B104	Dr. Ferdinando D. Maurino Professor	Class. & Rom. Languages	-0- 5/31/68	14,000.00 9 months	-0- 72	-0- 4
B105	Mr. Albert Troy Ford Instructor	Class. & Rom. Languages	11/27/67* -0-	5,752.93 6 months	-0- 73	-0- 22
B106	Mrs. Carolyn F. Dalton Teaching Assistant	English	Noon 1/16/68	1,200.00 9 months	82 -0-	86A -0-
B107	Mrs. Jana Kay Lanceley Teaching Assistant	English	Noon 1/16/68	2,400.00 9 months	-0- 83	-0- 106
B108	Miss Mary Anne Norman Teaching Assistant	English	Noon 1/16/68	1,200.00 9 months	84 -0-	121A -0-
B109	Mr. Ronnie Ray Allen Teaching Assistant	Geosciences	Noon 1/16/68	1,200.00 9 months	-0- 92	-0- 24
B110	Mr. Thomas Robert Bates Teaching Assistant	Geosciences	Noon 1/16/68	2,400.00 9 months	-0- 92	-0- 27
B111	Mr. Barry Lynn Zinz Teaching Assistant	Geosciences	Noon 1/16/68	1,200.00 4½ months	93 -0-	42A -0-
B112	Mr. Jerry Albert Coombes Teaching Assistant	Germ. & Slav. Languages	Noon 1/16/68	1,200.00 4½ months	-0- 95	-0- 9
B113	Miss Suzanne Langley Teaching Assistant	Germ. & Slav. Languages	Noon 1/16/68	2,010.00 4½ months	-0- 95	-0- 12
B114	Dr. Shirley Chapman Associate Professor	Government	-0- 5/31/68	11,500.00 9 months	-0- 97	-0- 10

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No.	Name, Rank and/or Title	Department or Office	Beginning* or Close of Day	Salary Rate	Page No.	Item No.
B115	Mr. David M. Seaver Teaching Assistant	Government	-0- 12/31/67	\$1,200.00 4½ months	-0- 99	-0- 45A
B116	Miss Evelyn Joyce Thompson Teaching Assistant	Mathematics	Noon 1/16/68	2,400.00 9 months	-0- 116	-0- 116A
B117	Mr. Joseph E. Schindler Teaching Assistant	Physics	Noon 1/16/68	2,600.00 9 months	-0- 125	-0- 27
B118	Dr. Gary Key Stone Associate Professor	Finance	Noon 1/16/68	6,600.00 4½ months	-0- 148	-0- 9
B119	Mr. Raymond E. Trotter Teaching Assistant	Elementary Education	Noon 1/16/68	2,600.00 9 months	-0- 159	-0- 15
B120	Mr. David Vannoy Hayes Teaching Assistant	Chemical Engineering	Noon 1/16/68	1,300.00 9 months	-0- 172	-0- 14
B121	Mr. Jerry Ray Jones Teaching Assistant	Civil Engineering	Noon 1/16/68	2,400.00 9 months	-0- 175	-0- 20
B122	Dr. George C. Cardwell Assistant Professor	Electrical Engineering	Noon 1/16/68	5,700.00 4½ months	-0- 176	-0- 8A
B123	Dr. Shirley Chapman Principal Investigator	Org. Res. 191-4372	6/3/68* -0-	1,917.00 6 weeks	-0- 307	-0- 2
B124	Mr. Gerald V. Mendenhall Research Assistant	Org. Res. 191-4775	9/1/67* -0-	3,600.00 12 months	-0- -0-	-0- -0-
B125	Dr. William S. Hendon Research Associate	Org. Res. 191-8417	Noon 1/16/68	2,066.67 4½ months	-0- -0-	-0- 5
B126	Mr. Thomas E. Anderson Research Assistant	Org. Res. 391-1299	-0- 12/31/67	1,350.00 9 months	-0- -0-	5 -0-
B127	Dr. Henry Nicholson Post-doctoral Fellow	Org. Res. 391-3061	-0- 11/21/67	1,489.56 2½ months	-0- -0-	-0- 5
B128	Dr. Leonard Hughes Post-doctoral Fellow	Org. Res. 391-3062	12/1/67* -0-	8,500.00 12 months	-0- -0-	-0- -0-
B129	Dr. Zoltan A. Schelly Post-doctoral Fellow	Org. Res. 391-3062	1/1/68* -0-	7,200.00 12 months	-0- -0-	-0- 5
B130	Mr. Donald Bruce Larson Undergrad. Lab Assistant	Org. Res. 391-3661	-0- 12/31/67	70.00 per month	-0- -0-	-0- 9



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<u>No.</u>	<u>Name, Rank and/or Title</u>	<u>Department or Office</u>	<u>Beginning* or Close of Day</u>	<u>Salary Rate</u>	<u>Page No.</u>	<u>Item No.</u>
B131	Mr. J. Bruce Teichman Research Assistant	Tex. Tech Research Farm	9/1/67* -0-	\$1,250.00 5 months	410 -0-	15 -0-
B132	Mr. Frank Wayne Judd Teaching Assistant	Biology	Noon 1/16/68	2,400.00 9 months	-0- 64	-0- 55
B133	Mrs. Shirley A. Nichols Teaching Assistant	Biology	Noon 1/16/68	2,400.00 9 months	-0- 64	-0- 59
B134	Mr. Norman Ray Williams Teaching Assistant	Biology	Noon 1/16/68	2,400.00 9 months	-0- 65	-0- 74
B135	Mr. Thomas E. Anderson Teaching Assistant	Chemistry	Noon 1/16/68	800.00 4½ months	-0- 68	-0- 26
B136	Mr. Donald Richard Welti Teaching Assistant	Psychology	Noon 1/16/68	2,600.00 9 months	-0- 129	-0- 42
B137	Mrs. Claire E. Spitler Teaching Assistant	Bus. Ed. & Sec. Admin.	Noon 1/16/68	2,400.00 9 months	-0- 143	-0- 29
B138	Mr. Charles Wayne Gouge Teaching Assistant	Electrical Engineering	Noon 1/16/68	2,400.00 9 months	-0- 177	-0- 25



TEXAS TECHNOLOGICAL COLLEGE  
Lubbock, Texas

Employ (Classified Personnel and Certain Non-Classified Personnel):

No.	Name, Rank and/or Title	Department or Office	Contract Period	Salary Rate	Source of Funds		
					Budgeted Balances*	Page No.	Item No.
C271	Mrs. Nancy Ellen Miller Secretary III	Office of President	1/1/68 8/31/68	\$4,260.00 12 months	\$5,460.00 -0-	4 -0-	7 -0-
C272	Mrs. Marilyn E. Perman Clerk-Typist I	Purchasing Agent	1/4/68 8/31/68	3,180.00 12 months	3,180.00 -0-	13 -0-	9 -0-
C273	Mrs. Lynda Jo McNutt Clerk-Typist I	Admissions & Registrar	12/1/67 8/31/68	3,180.00 12 months	3,180.00 -0-	17 -0-	28 -0-
C274	Mrs. Doris LaVon Lewis Administrative Clerk	Placement Service	1/1/68 8/31/68	4,740.00 12 months	-0- 3,160.00*	-0- 22	-0- 2A
C275	Miss Patricia Nell Burton Clerk II	Placement Service	11/20/67 8/31/68	3,360.00 12 months	3,360.00 -0-	22 -0-	11 -0-
C276	Mr. Leo Neil Hall Computer Programmer I	Data Processing	1/2/68 8/31/68	6,660.00 12 months	6,660.00 -0-	35 -0-	5 -0-
C277	Mr. Mark Owen Ford P-T Computer Operator I	Data Processing	2/13/68 8/31/68	4,500.00 12 months	4,500.00 -0-	35 -0-	9 -0-
C278	Mrs. Katherine Huckabee Key punch Operator	Data Processing	1/15/68 8/31/68	3,360.00 12 months	3,540.00 -0-	36 -0-	17 -0-
C279	Mrs. Pamela Grimes Clerk-Typist I	H., P.E. & Rec.--Wom.	1/3/68 8/31/68	3,180.00 12 months	3,180.00 -0-	105 -0-	29 -0-
C280	Mrs. Rosalie F. Maddox Secretary II	Psychology	1/2/68 8/31/68	3,900.00 12 months	4,080.00 -0-	129 -0-	43 -0-
C281	Mrs. Martha E. Hannah Clerk-Typist II	School of Law	11/27/67 8/31/68	3,720.00 12 months	3,540.00 -0-	212 -0-	13 -0-
C282	Mr. Robert Owen Haynes P-T Technologist	Computer Center	Noon 1/16/68 5/31/68	200.00 per month	1,000.00 -0-	216B -0-	21 -0-
C283	Mr. Michael R. Whitmill P-T Technologist	Computer Center	Noon 1/16/68 5/31/68	200.00 per month	1,000.00 -0-	216B -0-	22 -0-
C284	Mr. Gary Lee Gann Meat Ind. Lab. Supervisor	Herds & Flocks	2/1/68 8/31/68	6,660.00 12 months	6,660.00 -0-	222 -0-	5 -0-

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No.	Name, Rank and/or Title	Department or Office	Contract Period	Salary Rate	Source of Funds		
					Budgeted Balances*	Page No.	Item No.
C285	Mr. Lucius Eugene Shipp Student Herdsman	Herds & Flocks	1/1/68 8/31/68	\$2,400.00 12 months	\$2,400.00 -0-	222 -0-	10 -0-
C286	Mr. Jimmy H. Northcutt P-T Student Herdsman	Herds & Flocks	1/11/68 8/31/68	2,000.00 12 months	2,000.00 -0-	223 -0-	11 -0-
C287	Mrs. Patricia Ann Davis Library Assistant II	Library	12/1/67 8/31/68	4,260.00 12 months	-0- 3,195.00*	-0- 230	-0- 34A
C288	Mrs. Jacky Ann Strange Clerk-Typist I	Library	1/2/68 8/31/68	3,180.00 12 months	3,180.00 -0-	230 -0-	44 -0-
C289	Mrs. Carolyn Lee Creager Clerk-Typist I	Library	1/4/68 8/31/68	3,180.00 12 months	3,180.00 -0-	230 -0-	46 -0-
C290	Mrs. Mildred W. Burton Clerk-Typist I	Library	12/1/67 8/31/68	3,180.00 12 months	3,360.00 -0-	231 -0-	57 -0-
C291	Miss Linda Kay Lynch Clerk-Typist I	Library	1/25/68 8/31/68	3,180.00 12 months	3,180.00 -0-	231 -0-	60 -0-
C292	Mrs. Janet Ann Casperson Clerk II	Library	1/16/68 8/31/68	3,360.00 12 months	3,360.00 -0-	231 -0-	66 -0-
C293	Mrs. Karen Irene Kilroy Secretary III	Southwest Collection	1/8/68 8/31/68	4,260.00 12 months	4,260.00 -0-	232 -0-	6 -0-
C294	Mr. Thelton Billie Oden Supt. of Utilities	Bldg. Maint. & Utilities	1/1/68 8/31/68	11,000.00 12 months	11,000.00 -0-	242 -0-	4 -0-
C295	Mr. John Deaton Fortner Traffic-Security Patrol.	Campus Security	12/1/67 8/31/68	4,740.00 12 months	4,980.00 -0-	253 -0-	6 -0-
C296	Mr. Gerald Daniel Black Traffic Security Patrol.	Campus Security	12/11/67 8/31/68	4,260.00 12 months	4,260.00 -0-	253 -0-	8 -0-
C297	Mr. Jim Bob Swinney Cabinetmaker	Bldg. Maint. & Utilities	12/1/67 8/31/68	4,980.00 12 months	4,740.00 -0-	255 -0-	2 -0-
C298	Mr. R. J. VanLiew Electrician	Bldg. Maint. & Utilities	9/18/67 8/31/68	4,740.00 12 months	4,740.00 -0-	256 -0-	21 -0-
C299	Mr. Glenn Kermit Ellison Electrician	Bldg. Maint. & Utilities	12/1/67 8/31/68	4,740.00 12 months	4,740.00 -0-	256 -0-	21 -0-
C300	Mr. E. V. Holland Journeyman's Helper	Bldg. Maint. & Utilities	12/1/67 8/31/68	3,360.00 12 months	3,360.00 -0-	256 -0-	26 -0-

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No.	Name, Rank and/or Title	Department or Office	Contract Period	Salary Rate	Source of Funds		
					Budgeted Balances*	Page No.	Item No.
C301	Mr. Seidle A. Stapleton Plumber	Bldg. Maint. & Utilities	12/12/67 8/31/68	\$4,740.00 12 months	\$4,740.00 -0-	256 -0-	30 -0-
C302	Mr. Joe Edward Stewart Steam Fitter Foreman	Bldg. Maint. & Utilities	1/8/68 8/31/68	5,460.00 12 months	5,460.00 -0-	259 -0-	6 -0-
C303	Mr. James A. Bradford Steam Fitter	Bldg. Maint. & Utilities	11/27/67 8/31/68	4,740.00 12 months	4,740.00 -0-	259 -0-	14 -0-
C304	Mrs. Eva Fay Graham P-T Secretary I	Org. Res. 191-5820	9/1/67 11/30/67	150.00 3 months	750.00 -0-	291 -0-	5 -0-
C305	Mrs. Mary M. Bailey Secretary I (1/2 time)	Org. Res. 391-1173	12/1/67 8/31/68	1,950.00 12 months	-0- 1,950.00*	-0- -0-	5 -0-
C306	Mrs. Mary M. Bailey Secretary I (1/2 time)	Org. Res. 391-1178	12/1/67 8/31/68	1,950.00 12 months	-0- 1,950.00*	-0- -0-	4 -0-
C307	Mrs. Carolyn S. Ralston Secretary I	Org. Res. 391-1266	11/13/67 8/31/68	3,360.00 12 months	3,360.00 -0-	-0- -0-	8 -0-
C308	Miss Mary Jane Kiser Tutor Counselor	Up. Bound 391-1283	1/1/68 5/31/68	160.00 5 months	-0- 160.00*	-0- -0-	-0- 11A
C309	Mr. Raymond Morales Tutor Counselor	Up. Bound 391-1283	1/1/68 5/31/68	160.00 5 months	-0- 160.00*	-0- -0-	-0- 12A
C310	Miss Colleen A. Walter Tutor Counselor	Up. Bound 391-1283	1/1/68 5/31/68	160.00 5 months	-0- 160.00*	-0- -0-	-0- 14A
C311	Mr. Jerry Edwin Bear Traffic-Security Patrol.	Park. & Traf. Serv.	12/11/67 8/31/68	4,260.00 12 months	4,500.00 -0-	394 -0-	17 -0-
C312	Mrs. Jeanne S. Collier Clerk-Typist I	Park & Traf. Counselor	1/10/68 8/31/68	3,180.00 12 months	2,043.06 -0-	395A -0-	7A -0-
C313	Mrs. Ina B. Deere Exp. Ktchn. & Tr. Supv.	Res. Halls Food Serv.	1/2/68 8/31/68	6,360.00 12 months	6,360.00 -0-	423 -0-	7 -0-
C314	Mrs. Sandra K. Holland Secretary I	Res. Halls Food Serv.	1/18/68 8/31/68	3,360.00 12 months	3,360.00 -0-	423 -0-	10 -0-
C315	Mrs. Sally F. Donelson Secretary I	Res. Halls Food Serv.	12/4/67 8/31/68	3,360.00 12 months	3,360.00 -0-	423 -0-	11 -0-
C316	Mrs. Patricia Ann Powers Secretary I	Res. Halls Food Serv.	1/18/68 8/31/68	3,360.00 12 months	3,360.00 -0-	423 -0-	11 -0-

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<u>No.</u>	<u>Name, Rank and/or Title</u>	<u>Department or Office</u>	<u>Contract Period</u>	<u>Salary Rate</u>	<u>Source of Funds</u>		
					<u>Budgeted Balances*</u>	<u>Page No.</u>	<u>Item No.</u>
C317	Mrs. Joanna Ray Been Clerk III	Res. Halls Food Serv.	1/18/68 8/31/68	\$3,900.00 12 months	\$3,900.00 -0-	423 -0-	12 -0-
C318	Mrs. Sally F. Donelson Clerk II	Res. Halls Food Serv.	1/18/68 8/31/68	3,360.00 12 months	3,360.00 -0-	424 -0-	15 -0-
C319	Mr. Atticus Alec Cox Maint. & Repairman	Res. Halls Maint.	9/5/67 8/31/68	4,080.00 12 months	4,260.00 -0-	444 -0-	10 -0-

TEXAS TECHNOLOGICAL COLLEGE  
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Resignation and/or Termination (Classified Personnel):

No.	Name, Rank and/or Title	Department or Office	Beginning* or Close of Day	Salary Rate	Page No.	Item No.
D109	Mrs. Fannie Pitzer Slaton Administrative Assistant I	Office of President	-0- 12/20/67	\$5,760.00 12 months	-0- 4	-0- 5A
D110	Mrs. Nancy Ellen Miller Secretary II	Office of President	-0- 12/31/67	3,720.00 12 months	-0- 4	-0- 8
D111	Mrs. Jerry Barbara McCoy Accounting Clerk I	Office of Comptroller	-0- 1/31/68	3,360.00 12 months	-0- 11	-0- 19
D112	Mrs. Betty Marie Spears Clerk-Typist I	Comptroller-- Payroll	-0- 1/9/68	3,180.00 12 months	-0- 12	-0- 30
D113	Mrs. Cheryl Lynn Moore Clerk-Typist I	Purchasing Office	-0- 12/31/67	2,880.00 12 months	-0- 13	-0- 9
D114	Miss Diane Vera Ross Secretary II	Dean of Adm. & Registrar	-0- 1/29/68	3,720.00 12 months	-0- 17	-0- 13
D115	Miss Nancy Lynn Sandberg Clerk-Typist I	Dean of Adm. & Registrar	-0- 1/31/68	3,180.00 12 months	-0- 17	-0- 29
D116	Mrs. Doris LaVon Lewis Clerk III	Placement Service	-0- 12/31/67	4,500.00 12 months	-0- 22	-0- 9
D117	Mrs. Mildred Wheeler Burton Clerk II	Placement Service	-0- 11/30/67	3,360.00 12 months	-0- 22	-0- 11
D118	Mrs. Jana Gay McDermett Computer Operator I	Data Processing	-0- 2/12/68	4,500.00 12 months	-0- 35	-0- 9
D119	Mrs. Shirley Jean Tivis Keypunch Operator	Data Processing	-0- 1/4/68	3,540.00 12 months	-0- 36	-0- 17
D120	Mrs. Janette Johnson Skaggs Part-time Secretary I	Agricultural Economics	-0- 1/31/68	1,680.00 12 months	-0- 42	-0- 18
D121	Mrs. Cassaundra Garrett Clerk-Typist I	Health, P.E. & Rec. for Women	-0- 12/21/67	3,180.00 12 months	-0- 105	-0- 29
D122	Mrs. Rosemary Flowers Secretary I	Journalism	-0- 1/9/68	3,540.00 12 months	-0- 110	-0- 7

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No.	Name, Rank and/or Title	Department or Office	Beginning* or Close of Day	Salary Rate	Page No.	Item No.
D123	Mrs. Billie Shropshire Secretary II	Psychology	-0- 12/26/67	\$4,080.00 12 months	-0- 129	-0- 43
D124	Mr. John Chandler Vandenberg Chief Engineer	Educ. TV-- Instruct.	-0- 11/30/67	4,500.00 12 months	-0- 210A	-0- 2
D125	Mrs. Jo Wanda Stockdale Secretary II	Home Economics Education	-0- 1/9/68	3,900.00 12 months	-0- 215	-0- 9
D126	Mr. James B. Rasberry, Jr. Meat Ind. Lab. Supervisor	Herds & Flocks	-0- 1/31/68	6,660.00 12 months	-0- 222	-0- 5
D127	Mr. Gary Lee Gann Meats Lab. Technician	Herds & Flocks	-0- 1/31/68	700.00 12 months	-0- 222	-0- 5
D128	Mr. William Charles Stovell Part-time Student Herdsman	Herds & Flocks	-0- 12/31/67	2,400.00 12 months	-0- 222	-0- 10
D129	Mr. Roy L. Henry, Jr. Part-time Student Herdsman	Herds & Flocks	-0- 1/9/68	2,000.00 12 months	-0- 223	-0- 11
D130	Mr. Eddie Floyd Puckett Part-time Student Herdsman	Herds & Flocks	-0- 1/31/68	2,400.00a 12 months	-0- 223	-0- 15
D131	Mrs. Patsy Shropshire Clerk-Typist I	College Library	-0- 12/31/67	3,180.00 12 months	-0- 230	-0- 44
D132	Mrs. Ann E. Von Trotha Clerk-Typist I	College Library	-0- 12/31/67	3,180.00 12 months	-0- 230	-0- 46
D133	Mrs. Patricia Ann Davis Clerk-Typist I	College Library	-0- 11/30/67	3,180.00 12 months	-0- 230	-0- 48
D134	Mrs. Mildred Burton Clerk-Typist I	College Library	-0- 12/25/67	3,180.00 12 months	-0- 231	-0- 57
D135	Mrs. Karan Kay Edwards Clerk-Typist I	College Library	Noon 1/10/68	3,180.00 12 months	-0- 231	-0- 60
D136	Mrs. Cynthia Jane Fryar Clerk-Typist I	College Library	-0- 1/31/68	3,180.00 12 months	-0- 231	-0- 62
D137	Mrs. Carolyn A. Altman Clerk II	College Library	-0- 1/15/68	3,360.00 12 months	-0- 231	-0- 66

(a) Plus house and utilities valued at \$360.00 per year.

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No.	Name, Rank and/or Title	Department or Office	Beginning* or Close of Day	Salary Rate	Page No.	Item No.
D138	Mr. John Chandler Vandenberg Chief Engineer	Educ. TV-- Extension	-0- 11/30/67	\$4,500.00 12 months	-0- 238	-0- 2
D139	Mr. Ray Floyd Small Traffic-Security Patrolman	Campus Security	-0- 12/4/67	4,260.00 12 months	253 -0-	8 -0-
D140	Mr. Jim Bob Swinney Carpenter	Bldg. Maint. & Utilities	-0- 11/30/67	4,980.00 12 months	-0- 255	-0- 7
D141	Mr. James A. Bradford Steam Fitter	Bldg. Maint. & Utilities	-0- 1/21/68	4,740.00 12 months	-0- 259	-0- 14
D142	Mr. Thelton Billie Oden Res. Mechanical Coordinator	Bldg. Maint. & Utilities	-0- 12/31/67	9,000.00 12 months	-0- 260	-0- 21C
D143	Mrs. Virginia Ann Larmon Secretary I	Org. Res. 391-1266	-0- 11/7/67	3,540.00 12 months	-0- -0-	-0- 8
D144	Mrs. Linda T. Oldroyd Secretary I	Org. Res. 391-1291	-0- 1/26/68	3,360.00 12 months	-0- -0-	-0- 6
D145	Mrs. Carol Ann Brantley Secretary I	ICASALS	-0- 1/17/68	3,360.00 12 months	-0- 369	-0- 4
D146	Mr. John Deaton Fortner Traffic-Security Patrolman	Park. & Traff. Serv.	-0- 11/30/67	4,500.00 12 months	-0- 394	-0- 17
D147	Mrs. Melinda Ann Reaves Clerk-Typist I	Traff. & Park. Counselor	-0- 1/31/68	3,180.00 12 months	-0- 395A	-0- 7
D148	Miss Mary Lou Fischer Bindery Worker	Tech Press	-0- 12/31/67	2,880.00 12 months	-0- 407	-0- 10
D149	Mr. Gary Lee Gann Meats Lab. Technician	High Plains Feed Research	-0- 1/31/68	2,100.00 12 months	-0- 412	-0- 7
D150	Mrs. Mary Catherine Henry Clerk II	High Plains Feed Research	-0- 1/24/68	3,360.00 12 months	-0- 412	-0- 7
D151	Mr. Jack C. Darby Locksmith	Bldg. Maint. & Utilities	-0- 11/6/67	5,760.00 12 months	-0- 421	-0- 40
D152	Mrs. Lenora Romero Secretary I	Res. Halls Food Service	Noon 1/17/68	3,360.00 12 months	-0- 423	-0- 10
D153	Mrs. Sally Frances Donelson Secretary I	Res. Halls Food Service	-0- 1/17/68	3,360.00 12 months	-0- 423	-0- 11



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<u>No.</u>	<u>Name, Rank and/or Title</u>	<u>Department or Office</u>	<u>Beginning* or Close of Day</u>	<u>Salary Rate</u>	<u>Page No.</u>	<u>Item No.</u>
D154	Mrs. Carolyn Louise Thurston Clerk III	Res. Halls Food Service	-0- 1/17/68	\$3,900.00 12 months	-0- 423	-0- 12
D155	Mrs. Joanna Ray Been Clerk II	Res. Halls Food Service	-0- 1/17/68	3,360.00 12 months	-0- 424	-0- 15
D156	Mrs. Deanne Lee Hill Dunn Food Service Manager I	Res. Halls Food Service	-0- 1/29/68	3,950.00 10 months	-0- 445	-0- 20
D157	Mr. Meredith Duane Morrison Carpenter	Bldg. Maint. & Utilities	11/2/67* -0-	4,500.00 12 months	255 -0-	4 -0-
D158	Mr. Claude Marlin Viney Plumber	Bldg. Maint. & Utilities	-0- 1/13/68	4,740.00 12 months	-0- 256	-0- 31
D159	Mrs. Gloria Ruth Knott Cashier I	Off. of Dir. of Res. Halls	-0- 1/23/68	3,360.00 12 months	-0- 419	-0- 24



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TEXAS TECHNOLOGICAL COLLEGE  
Lubbock, Texas

Budget Adjustments (Appropriate from the Unappropriated Balance and/or Lapse from the Budgeted Allocation as Indicated Below):

No.	Office, Department and/or Account Number	Description	Salary			Maint., E. & Travel		
			Amount	Page	Item	Amount	Page	Item
E370	Office of the Purchasing Agent	Lapse Clk.-Typ. I	\$ 25.65	13	9	-0-	-0-	-0-
E371	The Placement Service	Lapse Clerk III	3,000.00	22	9	-0-	-0-	-0-
E372	Office of the Dean of Agriculture	Lapse Instr. Adm. Sal.	9,916.70	40	1	-0-	-0-	-0-
E373	Office of the Dean of Agriculture	Lapse Teach. Sal.	3,791.70	40	1	-0-	-0-	-0-
E374	Office of the Dean of Agriculture	Lapse Instr. Adm.	8,531.25	40	2	-0-	-0-	-0-
E375	Office of the Dean of Agriculture	Lapse Teaching	2,843.75	40	2	-0-	-0-	-0-
E376	Agricultural Economics	Lapse Asst. Prof.	2,781.25	41	10	-0-	-0-	-0-
E377	Agronomy & Range Mgt.	Lapse Assoc. Prof.	3,000.00	46	11	-0-	-0-	-0-
E378	Animal Husbandry	Lapse Assoc. Prof.	6,879.69	49	7	-0-	-0-	-0-
E379	Art	Lapse Asst. Prof.	2,400.00	60	24	-0-	-0-	-0-
E380	Biology	Lapse Teach. Asst.	1,200.00	64	59	-0-	-0-	-0-
E381	Biology	Lapse Teach. Asst.	1,200.00	65	74	-0-	-0-	-0-
E382	Chemistry	Lapse Teach. Asst.	375.00	68	34	-0-	-0-	-0-
E383	English	Lapse Professor	7,500.00	78	15	-0-	-0-	-0-

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No.	Office, Department and/or Account Number	Description	Salary			Maint., E. & Travel		
			Amount	Page	Item	Amount	Page	Item
E384	English	Lapse Teach. Asst.	\$1,200.00	83	106	-0-	-0-	-0-
E385	English	Lapse Teach. Asst.	600.00	84	121A	-0-	-0-	-0-
E386	Goesciences	Lapse Assoc. Prof.	5,250.00	91	13	-0-	-0-	-0-
E387	Geosciences	Lapse Asst. Prof.	2,475.00	92	18	-0-	-0-	-0-
E388	Germanic & Slavonic Languages	Lapse Teach. Asst.	1,200.00	95	9	-0-	-0-	-0-
E389	Government	Lapse Teach. Asst.	133.36	99	45A	-0-	-0-	-0-
E390	Mathematics	Lapse Teach. Asst.	1,200.00	116	116A	-0-	-0-	-0-
E391	Physics	Lapse Teach. Asst.	1,300.00	125	27	-0-	-0-	-0-
E392	Psychology	Lapse Teach. Asst.	1,300.00	129	42	-0-	-0-	-0-
E393	Psychology	Lapse Secretary II	50.32	129	43	-0-	-0-	-0-
E394	Accounting	Lapse Teach. Asst.	1,300.00	141	94	-0-	-0-	-0-
E395	Accounting	Lapse Teach. Asst.	1,300.00	141	95	-0-	-0-	-0-
E396	Accounting	Lapse Teach. Asst.	1,300.00	141	96	-0-	-0-	-0-
E397	Business Education & Secretarial Admin.	Lapse Teach. Asst.	1,200.00	143	29	-0-	-0-	-0-
E398	Education	Lapse Professor	2,716.67	158	7	-0-	-0-	-0-
E399	Elementary Education	Lapse Teach. Asst.	1,300.00	159	15	-0-	-0-	-0-

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No.	Office, Department and/or Account Number	Description	Salary			Maint., E. & Travel		
			Amount	Page	Item	Amount	Page	Item
E400	Chemical Engineering	Lapse Teach. Asst.	\$ 650.00	172	14	-0-	-0-	-0-
E401	Civil Engineering	Lapse Teach. Asst.	1,200.00	175	20	-0-	-0-	-0-
E402	Electrical Engineering	Lapse Professor	17,400.00	176	2	-0-	-0-	-0-
E403	Electrical Engineering	Lapse Asst. Prof.	5,700.00	176	8A	-0-	-0-	-0-
E404	Office of the Dean of Home Economics	Lapse Assoc. Dean	9,500.00	187	2	-0-	-0-	-0-
E405	Food & Nutrition	Lapse Professor	9,500.00	193	2	-0-	-0-	-0-
E406	Home Economics Education	Lapse Assoc. Prof.	2,354.35	195	5	-0-	-0-	-0-
E407	Home Economics Education	Lapse Assoc. Prof.	3,333.20	195	6	-0-	-0-	-0-
E408	Office of the Graduate Dean	Appropriate S.A. & P-T H.	500.00	204	7	-0-	-0-	-0-
E409	Office of the Graduate Dean	Appropriate	-0-	-0-	-0-	\$4,619.00	204	8
E410	Implementation of the Law School	Lapse Clk.-Typist	708.67	212	13	-0-	-0-	-0-
E411	Animal Husbandry-- Herds & Flocks	Lapse Repairman	1,500.00	223	19	-0-	-0-	-0-
E412	Vocational Teacher Training Supplement	Lapse Assoc. Prof.	2,354.35	215	5	-0-	-0-	-0-
E413	Campus Security Serv. General Services	Lapse Patrolman	180.00	253	6	-0-	-0-	-0-
E414	Building Maintenance & Utilities	Lapse Cabinetmaker	1,005.00	255	2	-0-	-0-	-0-
E415	Building Maintenance & Utilities	Lapse Steam Fitter	1,132.33	259	14	-0-	-0-	-0-

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No.	Office, Department and/or Account Number	Description	Salary			Maint., E. & Travel		
			Amount	Page	Item	Amount	Page	Item
E416	Organized Research Account No. 191-4152	Lapse Res. Assoc.	\$3,000.00	355	6	-0-	-0-	-0--
E417	Organized Research Account No. 191-4152	Lapse Res. Assoc.	2,781.25	355	8	-0-	-0-	-0-
E418	Organized Research Account No. 191-4152	Lapse Res. Assoc.	3,437.50	355	8	-0-	-0-	-0-
E419	Organized Research Account No. 391-3182	Lapse Res. Asst.	1,600.00	-0-	14	-0-	-0-	-0-

Incorporate in the Board Minutes the Transfer of Funds as Indicated Below:

No.	Office, Department and/or Account Number	Transfer from	Transfer to	Amount	Page Item		
E420	Southwest Collection	Secretary III	Student Assts. &/or P-T Help	\$1,420.00	232	F	6
				-0-	233	T	11
E421	Southwest Collection	Student Assts. &/or P-T Help	Assistant Archivist	1,011.11	233	F	11
				-0-	232	T	5
E422	Building Maintenance & Utilities	Maint., Equip. & Travel	Part-time Help & Misc. Labor	24,000.00	257	F	54
				-0-	-0-	T	50
E423	Organized Research Account No. 191-4785	Research Associate	Research Assistant	-0-	-0-	F	3
				225.00	321	T	4A
E424	Organized Research Account No. 191-4385	Maint., Equip. & Travel	Student Assts. &/or P-T Help	-0-	-0-	F	6
				75.00	329	T	5
E425	Organized Research Account No. 191-8214	Research Assistant	Student Assts. &/or P-T Help	1,750.00	-0-	F	6
				-0-	-0-	T	7
E426	Organized Research Account No. 191-8404	Research Assistant	Maint., Equip. & Travel	705.38	359D	F	6
				-0-	-0-	T	9
E427	Organized Research Account No. 191-8404	Research Assistant	Student Assts. &/or P-T Help	1,200.00	359D	F	6
				-0-	-0-	T	8
E428	Organized Research Account No. 391-1193	Maint., Equip. & Travel	Student Assts. &/or P-T Help	1,500.00	-0-	F	8
				-0-	-0-	T	4
E429	Organized Research Account No. 391-3150	Research Assistant	Maint., Equip. & Travel	-0-	-0-	F	5
				235.00	-0-	T	9

No.	Office, Department and/or Account Number	Transfer from	Transfer to	Amount	Page	Item
E430	Organized Research Account No. 391-3150	Histologist	Maint., Equip. & Travel	-0- \$ 168.50	-0- -0-	F 6 T 9
E431	Organized Research Account No. 391-3223	Student Assts. &/or P-T Help	Maint., Equip. & Travel	-0- 25.00	-0- -0-	F 7 T 10
E432	Organized Research Account No. 391-3351	Maint., Equip. & Travel	Associate Professor	1,000.00 -0-	-0- -0-	F 12 T 4A
E433	Traffic & Parking Counselor	Cashier I	Clerk-Typist I	2,043.06 -0-	395A -0-	F 8 T 7A

Approve the budgets for the following Organized Research Projects:

No.	Account Number	Budg. Att.	Budget Amount	Source of Funds	Period Covered	Principal Investigator	Department
E434	191-4397	1	\$1,750.00	State Ap- propriation	9/1/67 8/31/68	Dr. Weldon Vernon Barton	Government
E435	191-4396	2	300.00	State Ap- propriation	9/1/67 8/31/68	Dr. Doris Ann Horton	Health, P.E. & Rec.--Wom.
E436	191-4395	3	600.00	State Ap- propriation	9/1/67 8/31/68	Dr. Charles Laurel Allen	Journalism
E437	191-4394	4	1,633.00	State Ap- propriation	9/1/67 8/31/68	Dr. James F. Donaldson	Philosophy
E438	191-4393	5	1,000.00	State Ap- propriation	9/1/67 8/31/68	Dr. Nathan Robert Denny	Psychology
E439	191-4704	6	3,020.00	State Ap- propriation	9/1/67 8/31/68	Dr. Robert James Baker	Biology
E440	191-4705	7	2,502.48	State Ap- propriation	9/1/67 8/31/68	Dr. John E. George	Biology
E441	191-4706	8	2,000.00	State Ap- propriation	9/1/67 8/31/68	Dr. Robert W. Gorden	Biology
E442	191-4707	9	2,700.00	State Ap- propriation	9/1/67 8/31/68	Dr. John N. Marx	Chemistry
E443	191-4708	10	2,538.00	State Ap- propriation	9/1/67 8/31/68	Dr. James R. Craig	Geosciences

<u>No.</u>	<u>Account Number</u>	<u>Budg. Att.</u>	<u>Budget Amount</u>	<u>Source of Funds</u>	<u>Period Covered</u>	<u>Principal Investigator</u>	<u>Department</u>
E444	191-8217	11	\$2,500.00	State Appropriation	9/1/67 8/31/68	Mr. Robert Rentoul Reed	Park Admin., Hort. & Ento.
E445	191-8218	12	1,500.00	State Appropriation	9/1/67 8/31/68	Mr. Robert Rentoul Reed	Park Admin., Hort. & Ento.
E446	191-8219	13	1,291.87	State Appropriation	9/1/67 8/31/68	Dr. Ellis Wright Huddleston	Park Admin., Hort. & Ento.
E447	191-4709	14	1,833.00	State Appropriation	9/1/67 8/31/68	Dr. Charles Carter Waid	Mathematics
E448	391-4071	15	5,000.00	Grant Funds	1/1/68 12/31/68	Dr. Francis Lewis Rose	Biology
E449	191-8604 Revised	16	15,867.00	State Appropriation	9/1/67 8/31/68	Dr. Russell H. Seacat, Jr.	Electrical Engineering
E450	391-3227	17	2,500.00	Grant Funds	1/1/68 12/31/68	Dr. Eugene Alfred Coleman	Agronomy & Range Mgt.
E451	391-3547	18	2,800.00 (a)	Grant Funds	12/1/67 5/31/68	Dr. Robert C. Albin	Animal Husbandry
E452	391-3690 Revised	19	22,691.00	Grant Funds	8/1/67 5/31/68	Dr. Russell H. Seacat, Jr.	Electrical Engineering
E453	391-3180 Revised	20	4,000.00	Contract Funds	11/1/66 8/31/68	Dr. Thomas Richard Owens	Agricultural Economics
E454	391-3268	21	5,000.00	Grant Funds	1/1/68 12/31/68	Dr. Dale Wendel Zinn	Animal Husbandry
E455	391-3180 Revised	22	1,363.87	Grant Funds	1/1/68 8/31/68	Dr. Thomas Charles Owens	Agricultural Economics
E456	391-3290 Revised	23	136.23	Grant Funds	9/1/67 8/31/68	Dr. Willard Forest Williams	Agricultural Economics
E457	491-0155	24	591.25	Fees and Grant Funds	1/10/68 5/31/68	Mrs. Luta P. Eaves	Accounting
E458	491-0155	25	591.25	Fees and Grant Funds	6/1/68 8/31/68	Mrs. Luta P. Eaves	Accounting

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(a) Plus livestock feed valued at \$1,930.00.



<u>No.</u>	<u>Account Number</u>	<u>Budg. Att.</u>	<u>Budget Amount</u>	<u>Source of Funds</u>	<u>Period Covered</u>	<u>Principal Investigator</u>	<u>Department</u>
E459	391-1498	26	\$21,240.00	Contract Funds	5/1/68 8/31/68	Dr. Richard Albert Dudek	Industrial Engineering
E460	391-3512	27	4,140.00	Grant Funds	2/1/68 1/31/69	Dr. Eric George Bolen	Agronomy & Range Mgt.
E461	391-4090	28	13,401.00	Grant Funds	6/1/68 5/31/69	Dr. Magne Kristiansen	Electrical Engineering
E462	191-5931	29	1,000.00	State Ap- propriation	9/1/67 8/31/68	Dr. Samuel Everett Curl	ICASALS
E463	191-5932	30	720.00	State Ap- propriation	9/1/67 8/31/68	Dr. Ellis Wright Huddleston	ICASALS
E464	191-5933	31	150.00	State Ap- propriation	9/1/67 8/31/68	Dr. Berthold Claudio Friedl	ICASALS
E465	191-5934	32	2,291.00	State Ap- propriation	9/1/67 8/31/68	Dr. James Roland Craig	ICASALS
E466	191-5935	33	1,000.00	State Ap- propriation	9/1/67 8/31/68	Dr. John Joseph Dowling	ICASALS
E467	191-5936	34	500.00	State Ap- propriation	9/1/67 8/31/68	Dr. David Bruce Jordan	ICASALS
E468	191-5937	35	500.00	State Ap- propriation	9/1/67 8/31/68	Dr. Van Mitchell Smith	ICASALS
E469	191-5938	36	1,667.00	State Ap- propriation	9/1/67 8/31/68	Dr. Idris Rhea Traylor, Jr.	ICASALS
E470	191-5939	37	50.00	State Ap- propriation	9/1/67 8/31/68	Mr. James Marion Skaggs	ICASALS
E471	191-5940	38	175.00	State Ap- propriation	9/1/67 8/31/68	Mrs. Mary Helen McCarty	ICASALS
E472	191-5941	39	250.00	State Ap- propriation	9/1/67 8/31/68	Mr. Roy Sylvan Dunn	ICASALS
E473	191-5942	40	750.00	State Ap- propriation	9/1/67 8/31/68	Dr. Darrell Lee Vines	ICASALS
E474	191-5943	41	100.00	State Ap- propriation	9/1/67 8/31/68	Mr. Raymond Eli Boche	ICASALS

No.	Account Number	Budg. Att.	Budget Amount	Source of Funds	Period Covered	Principal Investigator	Department
E475	191-5944	42	\$ 489.00	State Appropriation	9/1/67 8/31/68	Mrs. Lou Ann Roberts	ICASALS
E476	391-1437	43	5,892.00	Contract Funds	1/30/68 5/28/68	Dr. John R. Bradford	School of Engineering
E477	391-3380	44	4,552.00	Grant Funds	12/1/67 11/30/68	Dr. Thadis W. Box	Agronomy & Range Mgt.
E478	391-8760	45	3,055.94	Grant Funds	1/1/68 12/30/68	Dr. Thadis W. Box	Agronomy & Range Mgt.
E479	391-2683	46	1,060.00	Grant Funds	9/1/67 8/31/68	Mrs. Dorothy Mae Pijan	Student Union Training Pro.
E480	391-1437	47	2,171.40	Fees	2/1/68 5/31/68	Dr. John R. Bradford	School of Engineering

Budget Adjustments (Appropriate from the Unappropriated Balance and/or Lapse from the Budgeted Allocation as Indicated Below):

No.	Office, Department and/or Account Number	Description	Salary			Maint., E. & Travel		
			Amount	Page	Item	Amount	Page	Item
E481	Office of Development	Appropriate Secretary II	\$1,705.00	31	4A	-0-	-0-	-0-
E482	Office of Development	Appropriate	-0-	-0-	-0-	\$5,000.00	31	6
E483	General Inst. Expense	Lapse Consultant Fee	3,200.00	34	2	-0-	-0-	-0-
E484	General Inst. Expense	Appropriate	-0-	-0-	-0-	5,000.00	34	1
E485	Agricultural Economics	Lapse Asst. Prof.	1,402.50	41	11	-0-	-0-	-0-
E486	Biology	Lapse Teach. Asst.	1,200.00	64	55	-0-	-0-	-0-
E487	Business Education & Secretarial Admin.	Lapse Assoc. Prof.	1,462.50	142	7	-0-	-0-	-0-
E488	Economics	Lapse Professor	2,583.00	145	2	-0-	-0-	-0-

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<u>No.</u>	<u>Office, Department and/or Account Number</u>	<u>Description</u>	<u>Salary</u>			<u>Maint., E. &amp; Travel</u>		
			<u>Amount</u>	<u>Page</u>	<u>Item</u>	<u>Amount</u>	<u>Page</u>	<u>Item</u>
E489	Electrical Engineering	Lapse Teach. Asst.	\$1,200.00	177	5	-0-	-0-	-0-
E490	Home Economics	Appropriate	-0-	-0-	-0-	\$ 22.22	196	14

Incorporate in the Board Minutes the Transfer of Funds as Indicated Below:

<u>No.</u>	<u>Office, Department and/or Account Number</u>	<u>Transfer</u>	<u>Transfer</u>	<u>Amount</u>	<u>Page</u>	<u>Item</u>
		<u>from</u>	<u>to</u>			
E491	Organized Research Account No. 391-3189	Unallocated Salaries	Research Assistant	\$ 133.35 -0-	-0- -0-	F 8 T 7

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TEXAS TECHNOLOGICAL COLLEGE  
Lubbock, Texas

Miscellaneous Items

Record Name Change for the Following Individuals:

<u>No.</u>	<u>Department</u>	<u>Title</u>	<u>From</u>	<u>To</u>
F97	Student Life Financial Aids	Accounting Clerk II	Mrs. Carolyn Freeman	Mrs. Carolyn Bradshaw
F98	Bus. Ed. & Sec. Admin.	Secretary I	Mrs. Nancy Blauvelt Sampson	Miss Nancy Blauvelt Ott
F99	Library	Clerk-Typist I	Miss Manuela Aguilar Rodriguez	Mrs. Manuela Aguilar Rodriguez Vidaurri
F100	Residence Halls Food Service	Food Service Manager II	Miss Nathalee Britton	Mrs. Nathalee Britton Courtney
F101	Textile Research Center	Machine Operator	Miss Barbara Joann Randles	Mrs. Barbara Joann Westbury

Incorporate in the Board Minutes the Following Leaves of Absence without Pay:

<u>No.</u>	<u>Name, Rank and/or Title</u>	<u>Department</u>	<u>Period</u>	
			<u>From</u>	<u>Through</u>
F102	Mrs. Anna Lee Mock Secretary II	Business Manager	12/1/67	12/17/67
F103	Mrs. Martha Sue Stacy Secretary I	Office of Dean of Men	8:00 a.m. 12/13/67	5:00 p.m. 12/13/67
F104	Mrs. Mildred Wheeler Burton Clerk II	The Placement Service	10/16/67	11/30/67
F105	Mrs. DeAnn Britton Secretary II	Vice President for Development	1/16/68	3/14/68
F106	Mrs. Helen Louise Murphy Library Assistant II	College Library	12/12/67	1/31/68
F107	Mr. Raymond Lamm Maintenance & Repairman I	Building Maintenance & Utilities	1/11/68	Indefinite
F108	Mr. Claude Marlin Viney Plumber	Building Maintenance & Utilities	1/25/68	Indefinite

<u>No.</u>	<u>Name, Rank and/or Title</u>	<u>Department</u>	<u>Period</u>	
			<u>From</u>	<u>Through</u>
F109	Mrs. Lorene Welch L.V.N.	Student Health Center	12/1/67	12/8/67
F110	Mrs. Thelma Pearl Phipps Asst. Food Serv. Manager I	Student Union	8:00 a.m. 12/10/67	5:00 p.m. 12/10/67
F111	Mr. William Omar Winford Maintenance & Repairman II	Residence Halls	11/14/67	11/26/67

Incorporate in the Board Minutes the Payment of Professional Fees:

<u>No.</u>	<u>Office, Department and/or Account Charged</u>	<u>Payment to</u>	<u>Period</u>	<u>Amount</u>
F112	Office of the Executive Vice President	Dr. Bill M. Jones Boulder, Colorado	12/27/67	\$ 100.00
F113	Convocations, Public Lec- tures & Faculty Services	Dr. Fred H. Weaver Chapel Hill, N. Car.	12/11/67	50.00
F114	Convocations, Public Lec- tures & Faculty Services	Dr. C. B. Ratchford Columbia, Missouri	12/3/67 12/5/67	147.00
F115	Convocations, Public Lec- tures & Faculty Services	Mr. Encel H. Dodge Philadelphia, Pa.	12/27/67 12/28/67	215.70
F116	Art	Miss Georgia O'Keeffe Abiquiu, New Mexico	12/4/67 12/6/67	107.00
F117	Chemistry	Dr. Kenneth R. Ashley Los Angeles, California	1/16/68 1/18/68	192.00
F118	Classical & Romance Languages	Dr. Sanford H. Newell Spartansburg, S. Car.	2/10/68	100.00
F119	Government	Dr. Helen Shirley Thomas Baltimore, Maryland	1/19/68	230.00
F120	Speech	Mr. William Tolliver Cincinnati, Ohio	12/13/67 12/14/67	160.00
F121	Economics	Mr. Robert L. Bonnington Iowa City, Iowa	12/18/67 12/19/67	225.00
F122	Economics	Dr. Milton Z. Kafoglis Knoxville, Tennessee	1/7/68 1/9/68	200.00

<u>No.</u>	<u>Office, Department and/or Account Charged</u>	<u>Payment to</u>	<u>Period</u>	<u>Amount</u>
F123	Economics	Dr. Edward Selby Monroe, Louisiana	1/18/68 1/19/68	\$ 250.00
F124	Office of the Dean of Education	Dr. Glenn Barnett Boulder, Colorado	12/17/67 12/18/67	214.00
F125	Organized Research Account No. 191-5820	Mr. Darrell Thomas Lubbock, Texas	9/20/67 11/15/67	277.00
F126	Noxious Brush & Weed Control Account No. 191-8150	Dr. Don Klebenow Saskatoon, Saskatchewan Canada	12/13/67 12/14/67	315.00
F127	Noxious Brush & Weed Control Account No. 191-8150	Dr. Phil Urness Tempe, Arizona	12/5/67 12/7/67	132.00
F128	Organized Research Account No. 391-1040	Dr. J. C. Boyd Bozeman, Montana	11/6/67 11/7/67	216.00
F129	Grant Funds Account No. 391-1100	Mr. Montee Hoke Oklahoma City, Okla.	1/5/68 1/6/68	50.00
F130	Grant Funds Account No. 391-1100	Mr. William Einstein France	1/12/68 1/13/68	80.00
F131	Organized Research Account No. 391-1121	Mr. John C. Nelson Tempe, Arizona	1/23/68	196.00
F132	Organized Research Account No. 391-1122	Dr. Harold Westlake Evanston, Illinois	1/11/68 1/12/68	210.00
F133	Grant Funds Account No. 391-1175	Mr. E. L. Callihan Dallas, Texas	12/3/67	52.29
F134	Organized Research Account No. 391-1178	Dr. David Darling Albuquerque, New Mexico	11/28/67	153.00
F135	Organized Research Account No. 391-1178	Dr. Robert Esparza Santa Fe, New Mexico	11/28/67	168.00
F136	Organized Research Account No. 391-1178	Mr. James Forrester San Antonio, Texas	11/28/67	158.00
F137	Organized Research Account No. 391-1178	Mrs. Pauline Kayser Levelland, Texas	9/1/67 11/30/67	325.45
F138	Organized Research Account No. 391-1178	Mr. Don Melcer Austin, Texas	11/28/67	176.00



<u>No.</u>	<u>Office, Department and/or Account Charged</u>	<u>Payment to</u>	<u>Period</u>	<u>Amount</u>
F139	Grant Funds Account No. 391-1181	Dr. Robert Todd Gregory Austin, Texas	12/4/67	\$ 125.00
F140	Organized Research Account No. 391-1189	Dr. E. A. Rinehart Laramie, Wyoming	12/18/67 12/19/67	75.00
F141	Teaching Grant Account No. 391-1266	Dr. Harold Davis Big Spring, Texas	12/4/67	50.00
F142	Teaching Grant Account No. 391-1266	Dr. R. D. Burk Dallas, Texas	1/13/68	125.00
F143	Organized Research Account No. 391-1415	Dr. James Halligan Ames, Iowa	1/12/68 1/13/68	150.00
F144	Organized Research Account No. 391-1454	Dr. Norman R. Baker Lafayette, Indiana	1/17/68 1/18/68	210.00
F145	Organized Research Account No. 391-1463	Dr. M. L. Sukanta Swamy Halifax, Canada	1/29/68 2/2/68	500.00
F146	Law School Cost-of-Education Account No. 391-1595	Mr. C. Thomas Reese Waco, Texas	12/27/67 12/30/67	35.00
F147	Organized Research Account No. 391-3081	Dr. Donald Parker Beaumont, Texas	1/22/68	100.00
F148	Organized Research Account No. 391-3107	Dr. E. A. Rinehart Laramie, Wyoming	12/18/67 12/19/67	100.00
F149	Organized Research Account No. 391-3351	Dr. William S. Hendon Shawnee, Oklahoma	1/2/68 1/6/68	630.00
F150	Organized Research Account No. 391-3351	Dr. William S. Hendon Puerto Rico, Texas	9/4/67 9/9/67 and 11/13/67 11/17/67	1,000.00
F151	ICASALS Account No. 191-8130	Mrs. Hugh Donington-Smith Mexico City, Mexico	12/67	50.00

Authorize Payment and/or Supplementary Payment to the Following:

<u>No.</u>	<u>Name and Title</u>	<u>Department Charged</u>	<u>Amount</u>	<u>Period</u>	<u>Budgeted Balances*</u>	<u>Page</u>	<u>Item</u>
F152	Dr. Wolodymyr T. Zyla Assistant Professor	ICASALS 191-8130	\$ 2.50	11/67	\$ 2.50 -0-	369 -0-	5 -0-

Incorporate in the Minutes for Record Purposes the Award of Pre-Doctoral Fellowships and/or Undergraduate Scholarships to:

<u>No.</u>	<u>Name and Award</u>	<u>Account Number</u>	<u>Project Director</u>	<u>Award Period</u>	<u>Amount</u>	<u>Page</u>	<u>Item</u>
F153	Mr. Delbert C. Bush Undergrad. Res. Fellow.	391-1299	Dr. W. C. Herndon	1/1/68 5/31/68	\$ 500.00	-0-	5
F154	Mr. Richard S. White Pre-doctoral Fellow.	391-8760	Dr. Thadis W. Box	1/1/68 12/31/68	2,400.00	-0-	6

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TEXAS TECHNOLOGICAL COLLEGE  
Lubbock, Texas

Approve the following In-State and/or Out-of-State Leaves without loss of pay by the staff members listed below:

<u>No.</u>	<u>Name, Rank and/or Title</u>	<u>Office or Department</u>	<u>Travel to</u>	<u>Period Covered</u>	<u>Expenses Paid from</u>
G469	Dr. Robert Sexton Adams Associate Professor	Management	Washington, D. C.	12/21/67 1/3/68	191-2350
G470	Mr. A. F. Adkins Instructor	Electrical Engineering	Spokane, Washington	12/10/67 12/16/67	391-3690
G471	Dr. Robert C. Albin Associate Professor	Animal Husbandry	Louisville, Kentucky	2/4/68 2/7/68	391-3547
G472	Dr. Charles L. Allen Professor	Journalism	New Orleans, Louisiana	1/10/68 1/14/68	391-1212
G473	Dr. Richard B. Amandes Dean	School of Law	Detroit, Michigan	12/27/67 12/30/67	191-8140
G474	Dr. R. D. Amason Professor	Marketing	Washington, D. C.	12/26/67 12/29/67	191-2360
G475	Dr. Robert P. Anderson Professor	Psychology	Mexico City, Mexico	12/16/67 12/23/67	No Expense
G476	Mr. Cecil Ayers Professor	Agronomy & Range Mgt.	Dallas, Texas	1/7/68 1/9/68	191-2050
G477	Dr. Irol W. Balsley Professor	Bus. Ed. & Sec. Admin.	Oak Brook, Illinois	12/1/67 12/2/67	No Expense
G478	Dr. Richard F. Barton Professor	Management	Washington, D. C.	12/27/67 12/30/67	191-2350
G479	Dr. George W. Berry Associate Professor	Finance	Portland, Oregon	1/3/68 1/4/68	No Expense
G480	Dr. J. Wilkes Berry Assistant Professor	English	Chicago, Illinois	12/22/67 1/2/68	191-2140
G481	Dr. John E. Binnion Professor	Bus. Ed. & Sec. Admin.	Washington, D. C.	12/3/67 12/4/67	191-2320
G482	Dr. John E. Binnion Professor	Bus. Ed. & Sec. Admin.	Long Beach, California	12/8/67 12/10/67	No Expense
G483	Dr. John J. Bodoh Assistant Professor	Class. & Rom. Languages	Boston, Mass.	12/20/67 1/2/68	191-2125

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<u>No.</u>	<u>Name, Rank and/or Title</u>	<u>Office or Department</u>	<u>Travel to</u>	<u>Period Covered</u>	<u>Expenses Paid from</u>
G484	Dr. Oswald D. Bowlin Professor	Finance	Canmer, Ky. & Washington, D. C.	12/21/67 12/31/67	191-2340
G485	Dr. Thadis W. Box Director	ICASALS	New York, New York	12/26/67 12/28/67	191-8130
G486	Dr. Thadis W. Box Director	ICASALS	Albuquerque, New Mexico	2/12/68 2/16/68	191-8130
G487	Dr. John R. Bradford Dean	School of Engineering	Mountain Home, Texas	12/28/67 12/29/67	391-3260
G488	Dr. John P. Brand Professor	Geosciences	Moab, Utah	12/12/67 12/18/67	191-2160
G489	Mr. Bill A. Chevalier Instructor	Park Admin., Hort. & Ento.	Baton Rouge, Louisiana	11/30/67 12/4/67	191-2080
G490	Mr. Carl J. Childers, Jr. Associate Professor	Architecture	Roswell, New Mexico	Each Fri. & Sat. 2/2-3/68 through 5/3-4/68	No Expense
G491	Dr. Vernon T. Clover Professor	Economics	Sacramento, Modesto & Bakersfield, California	12/10/67 12/13/67	191-8412
G492	Dr. Eugene A. Coleman Associate Professor	Agronomy & Range Mgt.	Hot Springs, Arkansas	1/8/68 1/12/68	191-8206
G493	Dr. Jacquelin Collins Associate Professor	History	Toronto, Ont., Canada	12/21/67 1/2/68	191-2200
G494	Dr. Patrice M. Costello Associate Professor	Speech & Special Ed.	Santa Fe, New Mexico	12/1/67 12/2/67	391-1122 391-1121
G495	Dr. John P. Craig Associate Professor	Electrical Engineering	Spokane, Washington	12/10/67 12/16/67	391-3690
G496	Mrs. Edith Cruce Registered Nurse	Student Health Ctr.	New Orleans, Louisiana	1/11/68 1/14/68	291-1800
G497	Dr. Samuel E. Curl Associate Professor	Animal Husbandry	Louisville, Kentucky	2/4/68 2/7/68	391-1079

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<u>No.</u>	<u>Name, Rank and/or Title</u>	<u>Office or Department</u>	<u>Travel to</u>	<u>Period Covered</u>	<u>Expenses Paid from</u>
G498	Dr. Bill E. Dahl Associate Professor	Agronomy & Range Mgt.	Albuquerque, New Mexico	2/12/68 2/16/68	191-8150
G499	Dr. J. William Davis Professor	Government	New York, New York	1/7/68 1/14/68	No Expense
G500	Dr. Kenneth W. Davis Associate Professor	English	Chicago, Illinois	12/26/67 12/30/67	191-2140
G501	Dr. R. A. Dudek Professor & Chairman	Industrial Engineering	Seattle, Washington	12/15/67 12/22/67	191-2450
G502	Dr. Ralph M. Durham Professor	Animal Husbandry	Boise, Idaho	2/14/68 2/17/68	No Expense
G503	Dr. F. E. Eddleman Associate Professor	English	Hobbs, New Mexico	12/15/67 12/16/67	No Expense
G504	Dr. Harry H. Elwell, Jr. Professor	Management & Marketing	Washington, D. C.	12/3/67 12/4/67	191-2360
G505	Dr. Martin A. Frey Assistant Professor	School of Law	Detroit, Michigan	12/27/67 12/30/67	191-8140
G506	Dr. Gordon Fuller Professor	Mathematics	San Francis- co, Calif.	1/23/68 1/30/68	No Expense
G507	Dr. William M. Furnish Visiting Professor	Geosciences	Moab, Utah	12/12/67 12/17/67	191-2160
G508	Dr. William M. Furnish Visiting Professor	Geosciences	Iowa City, Iowa	1/22/68 1/24/68	No Expense
G509	Dr. Herbert W. Grubb Associate Professor	Agricultural Economics	Detroit, Michigan	11/28/67 11/29/67	No Expense
G510	Mr. Melvin Gruensfelder Assistant Professor	Health, P.E. & Rec.--Men	Albuquerque, New Mexico	12/6/67 12/7/67	No Expense
G511	Dr. June E. Hahner Assistant Professor	History	Toronto, Ont., Canada	12/20/67 1/2/68	191-2200
G512	Dr. Carl Hammer, Jr. Professor & Chairman	Germ. & Slav. Languages	Chicago, Illinois	12/20/67 1/2/68	191-2165
G513	Dr. Clark Harvey Professor	Agronomy & Range Mgt.	Waukegan, Illinois	1/14/68 1/17/68	391-3223

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<u>No.</u>	<u>Name, Rank and/or Title</u>	<u>Office or Department</u>	<u>Travel to</u>	<u>Period Covered</u>	<u>Expenses Paid from</u>
G514	Dr. George Heather Dean	Business Administra.	New Orleans, La., & Washington, D. C.	11/30/67 12/4/67	191-2830
G515	Dr. George Heather Dean	Business Administra.	Austin, Texas	12/18/67	191-2830
G516	Dr. Lewis E. Hill Professor	Economics	Washington, D. C.	12/26/67 12/30/67	191-8403 191-2330
G517	Dr. Ellis W. Huddleston Associate Professor	Park Admin., Hort. & Ento.	Buenos Aires, Argentina	12/13/67 1/3/68	391-1060
G518	Dr. Frank A. Hudson Associate Professor	Animal Husbandry	Omaha, Nebraska	2/26/68 2/29/68	391-3268
G519	Dr. Alexander P. Hull, Jr. Associate Professor	Germ. & Slav. Languages	Chicago, Illinois	12/20/67 1/2/68	191-2165
G520	Dr. G. K. Hutchinson Director	Computer Center	Milwaukee, Wisconsin	1/8/68 1/10/68	No Expense
G521	Dr. William K. Ickes Professor	Speech	Denver, Colorado	1/21/68 1/25/68	No Expense
G522	Dr. Ronald D. Johnson Associate Professor	Bus. Ed. & Sec. Admin.	Cleveland, Ohio, & Bloomington, Indiana	12/5/67 12/9/67	191-2320
G523	Mr. U. V. Jones Assoc. Prof. & Librarian	Law	Detroit, Michigan	12/26/67 12/31/67	191-8140
G524	Dr. David B. Jordan Director	Upward Bound	New Orleans, Louisiana	1/15/68 1/20/68	391-1283
G525	Dr. Fred P. Kallina Director	Stu. Health Center	New Orleans, Louisiana	1/11/68 1/14/68	291-1800
G526	Dr. Lorrin Kennamer Dean	Arts & Sciences	Chicago, Illinois	1/3/68 1/5/68	No Expense
G527	Dr. Lorrin Kennamer Dean	Arts & Sciences	Austin & Dallas, Texas, & Minneapolis, Minnesota	1/12/68 1/16/68	191-2820



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<u>No.</u>	<u>Name, Rank and/or Title</u>	<u>Office or Department</u>	<u>Travel to</u>	<u>Period Covered</u>	<u>Expenses Paid from</u>
G528	Mrs. Ernestine D. Kilchenstein Assistant Professor	Bus. Ed. & Sec. Admin.	Cleveland, Ohio	12/5/67 12/7/67	191-2320
G529	Mr. M. Dean Killion Professor	Music	Texarkana, Arkansas	11/24/67 11/26/67	291-1950
G530	Mr. M. Dean Killion Professor	Music	Clayton, New Mexico	12/4/67 12/5/67	No Expense
G531	Dr. Thomas K. Kim Associate Professor	Economics	Washington, D. C.	12/27/67 12/30/67	191-2330
G532	Dr. Maurice B. Kirk Professor	Law	Detroit, Michigan	12/27/67 12/31/67	191-8140
G533	Mr. Franz F. Kriwanek Associate Professor	Art	Newark, Delaware	12/10/67 12/13/67	No Expense
G534	Dr. Allen James Kuethe Assistant Professor	History	Toronto, Ont., Canada	12/26/67 1/3/68	191-2200
G535	Dr. James H. Lawrence Associate Professor	Mechanical Engineering	Spokane, Washington	12/21/67 1/2/68	No Expense
G536	Dr. Hong Y. Lee Assistant Professor	Agricultural Economics	Japan, Taiwan, Philippines, & Hong Kong	2/18/68 3/1/68	No Expense
G537	Dr. Harold L. Lewis Associate Professor	Biology	Hot Springs, Arkansas	1/7/68 1/12/68	391-3355
G538	Dr. Thomas B. Livingston Professor	Elementary Education	Honduras, El Salvador, & Guatemala	1/6/68 1/13/68	391-3266
G539	Mrs. L. Louise Luchsinger Assistant Professor	Marketing	Washington, D. C.	12/27/67 12/30/67	191-2360
G540	Dr. Vincent P. Luchsinger Assoc. Prof. & Chairman	Management	Washington, D. C.	12/27/67 12/30/67	191-2350
G541	Dr. Thomas G. Manning Professor	History	Toronto, Ont., Canada	12/23/67 1/2/68	191-2200
G542	Dr. Keith R. Marmion Professor & Chairman	Civil Engineering	Norman, Oklahoma	12/7/67	No Expense

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<u>No.</u>	<u>Name, Rank and/or Title</u>	<u>Office or Department</u>	<u>Travel to</u>	<u>Period Covered</u>	<u>Expenses Paid from</u>
G543	Mr. Robert E. Martin Associate Professor	Mechanical Engineering	Phoenix, Arizona	1/8/68 1/11/68	No Expense
G544	Mr. Robert L. Mason Professor	Mechanical Engineering	Holloman AFB, N. Mex.	12/14/67 12/16/67	No Expense
G545	Dr. Richard B. Mattox Professor & Chairman	Geosciences	Moab, Utah	12/12/67 12/18/67	191-2160
G546	Dr. Ferdinando D. Maurino Professor	Class. & Rom. Languages	Knoxville, Tennessee	12/7/67 12/9/67	No Expense
G547	Dr. Ferdinando D. Maurino Professor	Class. & Rom. Languages	Chicago, Illinois	12/27/67 12/29/67	191-2125
G548	Mr. Vernon R. McGuire Assistant Professor	Speech	Colorado Sprgs., Col.	11/30/67 12/3/67	191-2270
G549	Mr. Vernon R. McGuire Assistant Professor	Speech	Los Angeles, California	12/26/67 1/1/68	191-2270
G550	Mr. Vernon R. McGuire Assistant Professor	Speech	Colorado Sprgs, Col.	1/4/68 1/7/68	191-2270
G551	Dr. Raymond E. Meyer Assistant Professor	Agronomy & Range Mgt.	New Orleans, Louisiana	2/4/68 2/8/68	191-2050
G552	Dr. William D. Miller Associate Professor	Geosciences	Socorro, New Mexico	1/10/68 1/13/68	191-2160
G553	Dr. Robert W. Mitchell Assistant Professor	Biology	New York, New York	12/26/67 12/31/67	191-2110
G554	Mr. Guy J. Moore Director	Housing Office	New Orleans, Louisiana	1/31/68 2/3/68	291-9450
G555	Mrs. Iris J. Norman Registered Nurse, Supt.	Stu. Health Center	New Orleans, Louisiana	1/11/68 1/14/68	291-1800
G556	Dr. Coleman A. O'Brien Associate Professor	Animal Husbandry	Denver, Colorado	1/12/68 1/14/68	391-3097
G557	Dr. Coleman A. O'Brien Associate Professor	Animal Husbandry	Des Plains, Illinois	1/29/68 1/31/68	No Expense
G558	Dr. Coleman A. O'Brien Associate Professor	Animal Husbandry	Louisville, Kentucky	2/4/68 2/8/68	391-3187

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<u>No.</u>	<u>Name, Rank and/or Title</u>	<u>Office or Department</u>	<u>Travel to</u>	<u>Period Covered</u>	<u>Expenses Paid from</u>
G559	Dr. William R. Pasewark Professor & Chairman	Bus. Ed. & Sec. Admin.	Cleveland, Ohio	12/5/67 12/7/67	191-2320
G560	Dr. William R. Pasewark Professor & Chairman	Bus. Ed. & Sec. Admin.	Phoenix, Arizona	1/26/68 1/28/68	No Expense
G561	Dr. William R. Pasewark Professor & Chairman	Bus. Ed. & Sec. Admin.	Columbia, South Car.	2/9/68 2/10/68	No Expense
G562	Mr. Jay Peterson Instructor	Music	Jamestown, New York, Cleveland, Ohio, & Chicago, Ill.	1/20/68 1/30/68	No Expense
G563	Dr. Dennis E. Poplin Assistant Professor	Sociology & Anthropology	Ventura, California	11/30/67 12/3/67	No Expense
G564	Mr. L. J. Powers Professor & Chairman	Mechanical Engineering	Pittsburgh, Pennsylvania	1/4/68 1/6/68	191-2460
G565	Dr. Paul V. Prior Professor	Biology	St. Louis, Missouri	1/13/68 1/17/68	391-1242
G566	Mr. Charles W. Rebstock Assistant Professor	Secondary Education	Minneapolis, Minnesota	12/14/67 12/18/67	No Expense
G567	Mr. Robert R. Reed Assistant Professor	Park Admin., Hort. & Ento.	Miami Beach, Florida	1/15/68 1/18/68	191-2080
G568	Dr. George S. Robbert Associate Professor	History	Toronto, Ont., Canada	12/27/67 12/31/67	191-2200
G569	Dr. Francis L. Rose Assistant Professor	Biology	Gainesville, Florida	12/26/67 12/30/67	191-4779 391-4070
G570	Dr. Robert L. Rouse Professor & Chairman	Economics & Finance	East Lansing & Ann Arbor, Michigan	12/10/67 12/13/67	191-1678
G571	Dr. Joseph L. Schuster Associate Professor	Agronomy & Range Mgt.	Albuquerque, New Mexico	2/11/68 2/16/68	191-2050
G572	Dr. Glen W. Shellhaas Professor	Law	Detroit, Michigan	12/27/67 12/31/67	191-8140
G573	Mr. William M. Shimer Inst. & Program Mgr.	Speech & Ed. TV	Denver, Colorado	11/4/67 11/11/67	191-2270 191-2720

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<u>No.</u>	<u>Name, Rank and/or Title</u>	<u>Office or Department</u>	<u>Travel to</u>	<u>Period Covered</u>	<u>Expenses Paid from</u>
G574	Mrs. Vera L. Simpson Assistant Professor	Speech	Ada, Oklahoma	11/29/67 12/3/67	191-2270
G575	Mrs. Vera L. Simpson Assistant Professor	Speech	Colorado Sprgs, Col.	1/4/68 1/7/68	191-2270
G576	Dr. Justin C. Smith Professor	Law	Detroit, Michigan	12/27/67 12/31/67	191-8140
G577	Miss Linda Snow Student Assistant	Speech	New York, New York	12/9/67 12/14/67	291-1200
G578	Mr. Bill Joe Sowell Teaching Assistant	Art	Hobbs, New Mexico	1/5/68	391-1100
G579	Mr. Don Sparks	Health, P.E. & Rec.--Men	Denver, Colo., & Salt Lake City, Utah	11/30/67 12/5/67	285-0040
			Shreveport & New Orleans, Louisiana	12/13/67 12/17/67	
			College Sta., Tex.	1/5/68 1/9/68	
			Fayetteville, Arkansas	2/5/68 2/7/68	
			Dallas, Texas	2/9/68 2/10/68	
			Dallas, Texas	2/16/68 2/18/68	
			Austin, Texas	2/20/68 2/21/68	
			Houston, Texas	3/1/68 3/3/68	
G580	Mr. Theodore J. Taylor Assistant Professor	Economics	Washington, D. C.	12/26/67 12/30/67	391-3545
G581	Mrs. Ann Elizabeth Terrell Registered Nurse	Stu. Health Center	New Orleans, Louisiana	1/11/68 1/14/68	291-1800

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<u>No.</u>	<u>Name, Rank and/or Title</u>	<u>Office or Department</u>	<u>Travel to</u>	<u>Period Covered</u>	<u>Expenses Paid from</u>
G582	Dr. Dahlia Terrell Assistant Professor	English	Chicago, Illinois	12/26/67 12/29/67	191-2140
G583	Dr. Henry C. Thomas Professor & Chairman	Physics	East Lansing & Ann Arbor, Michigan	12/10/67 12/13/67	191-1678
G584	Mr. Joe Tidwell Research Assistant	Agronomy & Range Mgt.	Waukegan, Illinois	1/14/68 1/17/68	191-8201
G585	Mr. E. J. Urbanovsky Professor & Chairman	Park Admin., Hort. & Ento.	Miami, Florida	12/1/67 12/11/67	191-2080
G586	Dr. Ahmet Edip Uysal Professor	English	New York, New York	1/8/68 1/16/68	No Expense
G587	Dr. Darrell Vines Assistant Professor	Electrical Engineering	Cocoa Beach, Florida	1/22/68 1/27/68	191-2440
G588	Mrs. Estelle H. Wallace Assoc. Prof. & Chairman	Home & Family Life	Okla. City, Oklahoma	12/7/67 12/9/67	No Expense
G589	Dr. Warren S. Walker Professor	English	Chicago, Illinois	12/26/67 12/29/67	191-2140
G590	Dr. Derald Walling Associate Professor	Mathematics	San Fran- cisco, Cal.	1/23/68 1/26/68	391-3304
G591	Dr. Dan M. Wells Director	Water Resources Ctr.	Washington, D. C.	12/26/67 12/27/67	191-8160
G592	Dr. Dan M. Wells Director	Water Resources Ctr.	Washington, D. C.	1/28/68 1/31/68	191-8160
G593	Dr. Rolland Z. Wheaton Associate Professor	Agricultural Engineering	Detroit, Michigan	12/10/67 12/17/67	191-2040
G594	Dr. Carlton J. Whitehead Associate Professor	Management	Washington, D. C.	12/26/67 12/29/67	191-2350
G595	Dr. Richard E. Wilde Associate Professor	Chemistry	Las Cruces, New Mexico	2/8/68 2/9/68	No Expense
G596	Dr. Richard E. Wilde Associate Professor	Chemistry	New Orleans, Louisiana	3/8/68 3/10/68	391-1186
G597	Dr. Willard F. Williams Professor & Chairman	Agricultural Economics	Washington, D. C.	12/10/67 12/12/67	191-2020

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G598	Dr. Paul J. Woods Professor	History	Holloman AFB, N. Mex.	12/14/67 12/16/67	No Expense
G599	Dr. A. W. Young Professor & Chairman	Agronomy & Range Mgt.	Essex, Iowa	1/5/68 1/7/68	No Expense
G600	Mr. James G. Allen Dean	Student Life	Minneapolis, Minnesota	3/30/68 4/2/68	191-1090
G601	Dr. George L. Baldwin Associate Professor	Mathematics	San Fran- cisco, Cal.	1/23/68 1/26/68	191-2220
G602	Dr. R. M. Bethea Assistant Professor	Chemical Engineering	Pittsburgh, Pennsylvania	3/5/68 3/9/68	191-2420
G603	Mr. Jimmy Brown Research Associate	Agronomy & Range Mgt.	Albuquerque, New Mexico	2/11/68 2/17/68	191-8150
G604	Mr. W. C. Cole Manager	Bookstore	New York, New York	4/14/68 4/21/68	291-1050
G605	Dr. Patrice Costello Associate Professor	Speech & Spec. Ed.	Okla. City, Oklahoma	1/18/68 1/19/68	391-1122 391-1121
G606	Dr. Patrice Costello Associate Professor	Spec. Ed.	Dixon, Illinois	1/25/68 1/27/68	391-1121
G607	Miss Fane Downs Teaching Assistant	History	Phoenix, Arizona	1/22/68 1/28/68	No Expense
G608	Mr. Forrest E. Gist Teaching Assistant	Art	Claremont, California	1/15/68 1/22/68	191-2105
G609	Dr. June E. Hahner Assistant Professor	History	Mexico City, Mexico	1/25/68 2/4/68	No Expense
G610	Dr. Michael Hall Assistant Professor	Mathematics	San Fran- cisco, Cal.	1/23/68 1/26/68	191-2220
G611	Mr. John R. Hunter Associate Professor	Agronomy & Range Mgt.	Albuquerque, New Mexico	2/11/68 2/16/68	191-2050
G612	Dr. Charles R. Jones Associate Professor	Special Education	Boston, Massachusetts	1/31/68 2/4/68	391-1121
G613	Dr. P. K. Koh Professor	Mechanical Engineering	New York, New York	2/25/68 2/29/68	191-2460



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G614	Mr. Joel T. Leach Instructor	Music	Ardmore, Oklahoma	1/29/68 2/2/68	291-1950
G615	Mr. R. M. Miller Assistant Professor	Dairy Industry	Louisville, Kentucky	2/4/68 2/7/68	191-2070
G616	Dr. Raymond W. Mires Assistant Professor	Physics	Berkeley, California	3/17/68 3/22/68	391-3106
G617	Dr. Patrick L. Odell Professor & Chairman	Mathematics	San Fran- cisco, Cal.	1/21/68 1/27/68	191-2220
G618	Mr. Dawson Oppenheimer News Bureau Manager	Information Services	Lake Texoma, Oklahoma	2/3/68 2/8/68	191-1510
G619	Dr. William R. Pasewark Professor & Chairman	Bus. Ed. & Sec. Ad.	Chicago, Illinois	2/15/68 2/17/68	191-2320
G620	Mr. L. J. Powers Professor & Chairman	Mechanical Engineering	New York, New York	2/8/68 2/12/68	191-2460
G621	Mr. Ted Richardson Assistant Professor	Psychology	Boulder, Colorado	1/21/68 1/25/68	No Expense
G622	Dr. Charles L. Riggs Professor	Mathematics	San Fran- cisco, Cal.	1/23/68 1/27/68	191-2220
G623	Dr. Lou Anne Roberts Technologist	Computer Center	Mexico City, Mexico	12/17/67 12/31/67	191-2710
G624	Mrs. Virginia E. Roberts Assistant Professor	Mathematics	San Fran- cisco, Cal.	1/24/68 1/29/68	191-2220
G625	Mr. D. H. Shurbet Director	Sesimological Observatory	Tucson, Arizona	4/9/68 4/14/68	391-1149
G626	Mrs. Mary Ruth Strandtmann Assistant Professor	Mathematics	San Fran- cisco, Cal.	1/24/68 1/28/68	191-2220
G627	Mr. Theodore J. Taylor Assistant Professor	Economics	Washington, D. C.	12/26/67 12/31/67	191-2330 391-3545
G628	Mr. Larry H. Templeton Manager, Textbook Dept.	Bookstore	New York, New York	4/14/68 4/21/68	291-1050
G629	Mrs. Betty Malone Wagner Instructor	Home & Fam. Life	Detroit, Michigan	2/14/68 2/17/68	391-1527

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G630	Dr. Charles C. Wilson Director	Text. Res. Center	Atlanta, Georgia	1/14/68 1/16/68	391-3490
G631	Miss Bea Zeeck Newsletter Editor	Information Services	Gainesville, Florida	2/25/68 2/29/68	191-1510
G632	Mr. Harry Arthur Assistant Director	Textile Res. Center	Pinehurst, N. Car.	2/5/68 2/9/68	391-3490
G633	Dr. Irol W. Balsley Professor	Bus. Ed. & Sec. Admin.	Oak Brook, Illinois	1/25/68 1/27/68	No Expense
G634	Mrs. Shirley S. Bates Director of Food Service	Res. Halls Ad. Food Serv.	Albuquerque, New Mexico	1/31/68 2/3/68	291-9600
G635	Dr. John E. Binnion Professor	Bus. Ed. & Sec. Admin.	Omaha, Nebraska	1/18/68 1/19/68	No Expense
G636	Mr. Ivan Bishop Teaching Assistant	Marketing	San Diego, California	1/23/68 1/25/68	No Expense
G637	Dr. Thadis W. Box Director	ICASALS	Dallas, Texas	1/26/68	191-8130
G638	Dr. Thadis W. Box Director	ICASALS	Monterrey, Mexico	1/30/68 2/1/68	191-8130
G639	Dr. Wayne R. Chapin Associate Professor	Accounting	New Orleans, Louisiana	1/25/68 1/30/68	No Expense
G640	Dr. Beatrix Cobb Voc. Rehab. Director	Psychology	Cloudcroft, New Mexico	1/25/68 1/28/68	No Expense
G641	Dr. Donald J. Davis Associate Professor	Art	St. Louis, Missouri	1/25/68 1/27/68	191-2105
G642	Dr. Ralph M. Durham Professor	Animal Husbandry	Indianapolis, Indiana	1/23/68 1/25/68	191-2060
G643	Mr. Hugh James Gibbons Assistant Professor	Art	St. Louis, Missouri	1/25/68 1/27/68	191-2105
G644	Mr. Ronald L. Hamm Director	Information Services	Monterrey, Mexico	1/30/68 2/1/68	191-1510
G645	Dr. Duane P. Jordan Associate Professor	Mechanical Engineering	Columbus, Ohio	2/5/68 2/8/68	191-2460

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<u>No.</u>	<u>Name, Rank and/or Title</u>	<u>Office or Department</u>	<u>Travel to</u>	<u>Period Covered</u>	<u>Expenses Paid from</u>
G646	Dr. Y. N. Kim Associate Professor	Physics	Boston, Mass.	2/25/68 2/29/68	191-2240
G647	Dr. Murray R. Kovnar Professor	Psychology	Chicago, Illinois	1/23/68 1/28/68	No Expense
G648	Dr. Magne Kristiansen Assistant Professor	Electrical Engineering	Washington, D. C. & New York, N. Y.	1/21/68 1/24/68	391-1463
G649	Dr. W. H. Martin Professor	Textile Engineering	Dallas, Texas	1/18/68 1/20/68	391-3490
G650	Dr. Richard B. Mattox Professor & Chairman	Geosciences	Albuquerque, New Mexico	1/26/68 1/28/68	191-2160
G651	Mr. Vernon R. McGuire Assistant Professor	Speech	New Orleans, Louisiana	1/24/68 1/29/68	191-2270
G652	Mrs. Delores Mollhagen Food Service Manager III	Res. Halls Ad. Food Serv.	Albuquerque, New Mexico	1/31/68 2/3/68	291-9228
G653	Dr. C. R. Quade Associate Professor	Physics	Laramie, Wyoming	1/28/68 2/2/68	191-2240
G654	Dr. Chester M. Rowell, Jr. Associate Professor	Biology	St. Louis, Mo., New York, N. Y., & Washington, D. C.	1/25/68 2/2/68	191-8150
G655	Dr. R. H. Seacat Professor & Chairman	Electrical Engineering	Washington, D. C. & New York, N. Y.	1/21/68 1/24/68	391-1463
G656	Dr. H. J. Shine Professor	Chemistry	Durham, N. Car.	2/4/68 2/7/68	191-1678
G657	Mr. D. H. Shurbet Director	Seismological Observatory	Beaumont, Texas	3/13/68 3/17/68	191-2161
G658	Dr. Margaret Sitton Associate Professor	Home Ec. Education	Chicago, Illinois	2/7/68 2/10/68	191-2540
G659	Dr. Gerald W. Thomas Dean	Agriculture	Mexico City, Mexico	1/16/68 1/17/68	391-1060
G660	Dr. Gerald W. Thomas Dean	Agriculture	Albuquerque, New Mexico	2/13/68 2/15/68	191-2810

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<u>No.</u>	<u>Name, Rank and/or Title</u>	<u>Office or Department</u>	<u>Travel to</u>	<u>Period Covered</u>	<u>Expenses Paid from</u>
G661	Dr. Gerald W. Thomas Dean	Agriculture	Saltillo, Mexico	4/7/68 4/11/68	191-2810
G662	Dr. Willa Vaughn Tinsley Dean	Home Economics	St. Paul, Minnesota	1/21/68 1/23/68	191-2850
G663	Miss Gertrude E. Umlang Food Service Manager IV	Res. Halls Ad. Food Serv.	Albuquerque, New Mexico	1/31/68 2/3/68	291-9228
G664	Dr. Carter Waid Assistant Professor	Mathematics	San Fran- cisco, Cal.	1/23/68 1/27/68	191-2220
G665	Dr. Morris S. Wallace Professor	Education	Albuquerque, New Mexico	1/19/68 1/21/68	No Expense
G666	Dr. Dan M. Wells Director	Water Res. Center	Austin, Tex. & Washington, D. C.	1/29/68 1/31/68	191-8160
G667	Mr. Charles C. Wilson Director	Textile Res. Center	Pinehurst, N. Car.	2/5/68 2/9/68	391-3490
G668	Dr. T. Karl H. Wuerschling Assistant Professor	Geosciences	Flagstaff & Phoenix, Arizona, & El Paso, Tex.	1/24/68 1/28/68	No Expense
G669	Dr. A. W. Young Professor & Chairman	Agronomy & Range Mgt.	Louisville, Kentucky	2/4/68 2/8/68	191-2050
G670	Dr. Ernest Wallace Professor	History	Durham, North Car.	2/4/68 2/7/68	191-1678

TEXAS TECHNOLOGICAL COLLEGE  
Lubbock, Texas

Other Items for Approval:

Official Travel Leaves

H346. Article V, Section 16, of Senate Bill No. 15, provides in part that "none of the monies appropriated by this act may be expended for official travel expense . . . except for official business as approved by the appropriate Governing Board.

"For the purpose of either in-state or out-of-state travel, however, the respective Governing Boards may delegate their authority . . ."

Authorize Dr. Grover E. Murray, President, or Dr. Gerald W. Thomas, Interim Executive Vice President, or Dr. S. M. Kennedy, Vice President for Academic Affairs, or Mr. J. Roy Wells, Assistant to the President, and/or Mr. M. L. Pennington, Vice President for Business Affairs, to approve travel leaves involving travel expenses, both in-state and out-of-state, for employees traveling on official business for the College (official travel shall include travel required by the position held, when the trip is of direct benefit to the College, and/or to present an original research paper for a national, regional, or state learned society) for the period February 1, 1968, through August 31, 1968; and authorize Dr. Grover E. Murray, President, or Dr. Gerald W. Thomas, Interim Executive Vice President, or Dr. S. M. Kennedy, Vice President for Academic Affairs, or Mr. M. L. Pennington, Vice President for Business Affairs, or Mr. John G. Taylor, Business Manager, to approve the travel reimbursement claims. This is in keeping with Article V, Section 16, Senate Bill No. 15, as enacted by the Regular Session of the Sixtieth Legislature, 1967. A copy of the resolution is attached and made a part of the Minutes. Attachment No. 3.

Travel Reimbursements

H347. Approve a resolution authorizing Dr. Grover E. Murray, President, or Dr. Gerald W. Thomas, Interim Executive Vice President, or Dr. S. M. Kennedy, Vice President for Academic Affairs, or Mr. M. L. Pennington, Vice President for Business Affairs, or Mr. J. G. Taylor, Business Manager, to approve official travel reimbursements from state appropriations for the period February 1, 1968, through August 31, 1968. A copy of the resolution is attached and made a part of the Minutes. Attachment No. 2.

Central Heating and Cooling Plant

H348. Approve the changes in the contract with the Anthony Company of Lubbock for the construction of the Central Heating and Cooling Plant as outlined by Mr. M. L. Pennington, Vice President for Business Affairs, and included in the Minutes as Attachment No. 20. (Net decreases \$113,519.73; Anthony Company Contract; Account No. 791-0815.)

Zumwalt & Vinther, Inc., Consulting Engineers

H349. Incorporate in the Board Minutes for record purposes a copy of four different letters from Mr. M. L. Pennington, Vice President for Business Affairs, requesting Zumwalt & Vinther, Inc., Consulting Engineers, to perform certain engineering services for new facilities. (1) Fluid Dynamics Laboratory, Attachment No. 12; (2) Law School, Attachment No. 13; (3) Textile Chemical Research Laboratory, Attachment No. 14; and (4) Chemistry Building Addition, Attachment No. 15.

B & M Vending Company Contract

H350. Approve an amendment to the Memorandum of Agreement between B & M Vending Company and Texas Technological College for the sale of cigarettes in the men's dormitories on the campus. A copy of the amendment is attached and made a part of the Minutes. Attachment No. 26.

Williamson Washing Machine Supply Company, Inc.

H351. Approve an amendment to the Memorandum of Agreement between Williamson Washing Machine Supply Company, Inc., and Texas Technological College to add washers and dryers for Weymouth Hall to the contract. A copy of the amendment is attached and made a part of the Minutes. Attachment No. 27.

Tuition Scholarships

H352. Approve the payment of Tuition Scholarships for the 1967 Fall Semester and/or the 1968 Spring Semester to the students approved for such scholarships by the Chairman of the Scholarship Committee and in keeping with the general policy statement governing the granting of tuition scholarships. For Fall, see Attachment No. 5. For Spring, see Attachment No. 5A.

Business Administration Building

H353. Approve the following extras to the contract with J. J. Fritch for the construction of the Business Administration Building:

1. To add a sink and mirror at the workroom. (Mimeographing and other hand-soiling work will be done in this room.) - \$ 253.46
2. To increase concrete column sizes and reinforcing in six selected cases. (In checking shop drawings, scheduling errors on the contract documents were discovered.) ----- 1,953.83
3. To sandblast the year "1968" into a granite panel ----- 36.00
- Total ----- \$ 2,243.29



Parking and Traffic Service (Account No. 280-1600)

H354. Approve a contract in the amount of \$2,092.25 to Mr. Bill J. Hood, Dirt and Paving Contractor of Lubbock, to provide twenty-seven (27) parking spaces for faculty and visitors across the street and west of the Speech Theater Building. A copy of a memorandum from the Vice President for Business Affairs is attached and made a part of the Minutes. Attachment No. 16. A copy of the bid tabulation is attached and made a part of the Minutes. Attachment No. 17. A copy of the contract is attached and made a part of the Minutes. Attachment No. 18. (Account No. 280-1600; Dr. James W. Kitchen.)

Organized Research (Account No. 391-3253)

H355. Approve Supplemental Agreement No. 4 to a contract with the Holloman Air Force Base, New Mexico, Contract No. AF 29(600)-5590, for the period September 1, 1966, through September 1, 1968. A description of the amendments and/or modifications are given below:

- A. "Paragraph A, Part I - Statement of Work, is amended by adding the following:
  - Item 5 - Additional investigations in the areas of linear and non-linear analysis in accordance with Amendment Number 2 to CIGTF Technical Work Statement G-33, dated 3 November 1967, attached hereto and made a part hereof.
  - Item 6 - Draft copy of Final Report (covering work performed after submission of Item 4).
  - Item 7 - Final Report (covering work performed after submission of Item 4).
- B. "Paragraph A, Part II - Period of Performance and Delivery Instructions, is revised by replacing Item 1 and adding Items 5, 6 and 7.
  - Item 1 - 1 January 1968
  - Item 5 - 1 September 1968
  - Item 6 - 1 July 1968
  - Item 7 - 1 September 1968
- C. "Paragraph A, Part III - Allowable Cost and Payment, is revised to read:
  - A. The total estimated cost of this contract is THIRTY-SEVEN-THOUSAND-SIXTY-SIX-DOLLARS-AND-NO-CENTS (\$37,066.00).
- D. "By revising the DD Form 1261 (in part) to read:

The total amount of this contract of \$37,066.00."



Organized Research (Account No. 391-3547)

H356. Incorporate in the Board Minutes a Memorandum of Agreement between the Plains Cooperative Oil Mill, Lubbock, Texas, and Texas Technological College whereby the Plains Cooperative Oil Mill will contribute \$2,800.00 plus livestock feed valued at \$1,930.00 to support the Organized Research Project "The Utilization of Castorbean Meal in Livestock Rations. II. Use in Fattening Cattle Rations." A copy of the Memorandum of Agreement is attached and made a part of the Minutes. Attachment No. 7. (Organized Research Account No. 391-3547; Dr. Robert Custer Albin, Principal Investigator.)

Texas Technological College Research Farm

H357. Incorporate in the Board Minutes for record purposes the Extension of Option to Lease Warehouse Facilities at Texas Technological College Research Farm, Pantex, Texas, by Levi Strauss and Company. A copy of the document is attached and made a part of the Minutes. Attachment No. 19.

Textile Chemical Research Laboratory

H358. Incorporate in the Board Minutes for record purposes the award of a contract to the Amco Electric Company, Lubbock, Texas, in the amount of \$38,240.00, for the electrical utilities extension to the Textile Chemical Research Laboratory. A copy of a memorandum from Mr. M. L. Pennington, Vice President for Business Affairs, concerning the contract award is attached and made a part of the Minutes. Attachment No. 9. A copy of the Bid Tabulation is attached and made a part of the Minutes. Attachment No. 10. A copy of the contract is attached and made a part of the Minutes. Attachment No. 11.

Extension and Correspondence (Contract DAHCl1-67-C-0037)

H359. Approve two modifications to the negotiated contract with the Department of Defense. The first change is attached and made a part of the Minutes. Attachment No. 25. The third change is attached and made a part of the Minutes. Attachment No. 24.

Official Publication

H360. Approve the bulletin Information for Entering Students, published as Volume XLIV, January 1968, Number 1, as an official bulletin of Texas Technological College. A copy of the bulletin has been mailed to all Board members.

Official Retirement

H361. Officially retire, at his request, Mr. William Carrol Griffiths, Custodian in the Department of Building Operations, effective at the close of the day January 31, 1968. Mr. Griffiths has been employed by the college for more than ten years.

Grant Agreement, Home Economics Building

H362. Approve a resolution terminating the Grant Agreement between Texas Technological College and the United States Commissioner of Education for grant funds in the amount of \$317,488.00 for the construction of an addition to the Home Economics Building with Project No. 4-7-00080-0, formerly Tex. 4-2400. A copy of the resolution is attached and made a part of the Minutes. Attachment No. 1.

Authority to Sign

H363. Authorize Dr. Grover E. Murray, President of Texas Technological College, to sign all applications, contracts, agreements, financial reports, resolutions, and any and all other documents relating thereto, for loans with the Department of Housing and Urban Development; applications for grants and/or loans under the Higher Education Facilities Act of 1963; loans under the National Defense Education Act; grants from any and all sources; grants-in-aid; fellowships under the National Defense Act; research applications; and contract research, for the period September 1, 1967, through August 31, 1968, in keeping with Board approval policies and where not in conflict with any item the Chairman is to execute.

H364. Authorize Mr. M. L. Pennington, Vice President for Business Affairs, to sign all applications, contracts, agreements, financial reports, resolutions, and any and all other documents relating thereto, for loans with the Department of Housing and Urban Development; applications for grants and/or for loans under the Higher Education Facilities Act of 1963; loans under the National Defense Education Act; grants from any and all sources; grants-in-aid; fellowships under the National Defense Act; research applications; contract research; and contract with any and all agencies, for the acceptance of any and all gifts and/or loans of equipment and/or personal property from Federal and State agencies, industry, foundations, and/or individuals; to sign any and all Letters of Instruction or Assignment to sell, assign, exchange, or transfer securities; to sign any and all orders to transfer funds from one investment account to another; and to sign any and all letters or orders to purchase for the period September 1, 1967, through August 31, 1968, in keeping with Board approval policies and where not in conflict with any item the Chairman is to executive. This is a continuation of the policy which has been followed for several years.

Office of the President

H365. Revise the contract of Mrs. Julia Scott Beets, Clerk I (101) in the Office of the President from "an annual salary of \$3,000.00" to "an annual salary of \$3,360.00," effective January 1, 1968, through August 31, 1968. (Budgeted \$3,000.00; p. 5; Item 11. The additional \$240.00 required for this contract will be paid from unappropriated balances.)

Interim Executive Vice President

H366. Revise the contract for Dr. Gerald Waylett Thomas from "Dean of the School of Agriculture and Professor of Range Management at an annual salary of \$23,500.00" to "Interim Executive Vice President and Professor of Range Management at an annual salary of \$26,000.00," effective February 1, 1968, through August 31, 1968. (The general administrative salary will be paid from unallocated General Administrative salaries / \$9,750.00 / and teaching salary / \$3,250.00 / from lapsed funds. Budget p. 6; Item 1A; and p. 46; Item 6.)

Office of the Dean of Agriculture

H367. Revise the contract of Dr. James Wayland Bennett, Office of the Dean of Agriculture, from "Associate Dean and Professor of Agricultural Economics at an annual salary of \$19,500.00" to "Interim Dean of the School of Agriculture and Professor of Agricultural Economics at an annual salary of \$20,700.00," effective February 1, 1968, through August 31, 1968. (The salary for instructional administration \$9,056.00 will be paid from unencumbered balances; p. 40; Item 1A; the teaching salary \$3,019.00 will be paid from lapsed funds; p. 40; Item 1A.)

H368. Revise the contract of Dr. Samuel Everett Curl, Department of Animal Husbandry, from "Associate Professor at an annual salary of \$16,125.00" to "Interim Assistant Dean of the School of Agriculture (75% @ \$7,579.69) and Associate Professor of Animal Husbandry (25% @ \$2,526.56) at an annual salary rate of \$17,325.00," effective February 1, 1968, through August 31, 1968. (The instructional administration salary \$7,579.69 will be paid from unencumbered balances; p. 40; Item 2A. The teaching salary \$2,526.56 has been budgeted; p. 49; Item 7.)

Agricultural Economics

H369. Revise the contract of Mr. Rex Page Kennedy, Assistant Professor of Agricultural Economics, from "full time teaching at a salary of \$5,562.50 for the 1968 Spring Semester" to "one-half time teaching at a teaching salary of \$2,781.25 and one-half time Research Associate on the Organized Research Project 'Noxious Brush and Weed Control' at a research salary of \$2,781.25 for the 1968 Spring Semester," effective from noon January 16, 1968, through May 31, 1968. (Budgeted teaching salary \$5,562.50 for 4½ months; p. 41; Item 10. Research salary \$2,781.25 from lapsed funds; Account No. 191-8150; p. 355; Item 6A.)

H370. Revise the contract of Dr. Hong Yong Lee, Assistant Professor of Agricultural Economics, from "full-time teaching at a salary of \$5,610.00 for four and one-half months" to "three-fourths time teaching (\$4,207.50) and one-fourth time on Organized Research Project 'Market Potentials and Costs Associated with Dry Milled Grain Sorghum Fractions' (\$1,402.50) at a salary of \$5,610.00 for four and one-half months," effective from noon January 16, 1968, through May 31, 1968. (Budgeted \$5,610.00 Agricultural Economics for 4½ months; p. 41; Item 11; and \$1,402.50 Organized Research Account No. 191-8213 for 4½ months; Item 5.)

Agronomy and Range Management

H371. Revise the contract of Dr. Joseph Lawrence Schuster, Associate Professor in the Department of Agronomy and Range Management, from "full time teaching at a salary of \$6,000.00 for the 1968 Spring Semester" to "one-half time teaching at a teaching salary of \$3,000.00 and Research Associate (one-half time) on the research project 'Noxious Brush and Weed Control' at a salary of \$3,000.00," effective from noon January 16, 1968, through May 31, 1968. (Budgeted teaching \$12,000.00 for 9 months; p. 46; Item No. 11; research \$6,000.00 for 9 months; p. 355; Item No. 6.)

Animal Husbandry

H372. Revise the contract of Dr. Robert Custer Albin, Assistant Professor of Animal Husbandry, from "a salary of \$10,500.00 for nine months" to "a salary of \$11,250.00 for nine months," effective from noon January 16, 1968, through May 31, 1968. (Budgeted \$10,500.00; p. 49; Item No. 6. The additional \$375.00 required for this contract will be paid from lapsed funds.)

Art (Consulting Professor)

H373. Appoint Miss Georgia O'Keeffe, Santa Fe, New Mexico, as a Consulting Professor in the Department of Art, effective September 1, 1967. (Budget p. 59; Department of Art.)

Biology

H374. Revise the contract of Mrs. Margaret Louise Eriksson Sprott, Teaching Assistant in Biology, from "two-fifths time at a salary rate of \$1,200.00" to "four-fifths time at a salary rate of \$2,400.00," effective noon January 16, 1968, through May 31, 1968. (Budgeted salary \$1,200.00; p. 65; Item 72. The additional \$1,200.00 required for this contract will be paid from lapsed funds.)

Geosciences

H375. Revise the contract of Dr. Alonzo David Jacka, Department of Geosciences, from "Associate Professor of Geosciences" to "Associate Professor of Geosciences and Director of the Institute for Evaporite Studies," effective February 1, 1968, with no change in salary rate or source of funds. (Budgeted \$11,500.00 for 9 months; p. 91; Item 11.)

H376. Grant Dr. William D. Miller, Associate Professor in the Department of Geosciences, a leave of absence without pay for the 1968 Spring Semester. Dr. Miller will engage in industrial research on ground water problems of this area. (Budgeted \$10,500.00 for 9 months; p. 91; Item 13.)

H377. Revise the contract of Mr. Corwin C. Reeves, Jr., Assistant Professor of Geosciences, from "full time teaching at a salary of \$4,950.00 for the 1968 Spring Semester" to "one-half time teaching at a salary of \$2,475.00 for the 1968 Spring Semester," effective from noon January 16, 1968, through May 31, 1968. (Budgeted salary \$9,900.00 for 9 months; p. 92; Item 18.)

H378. Revise the contract of Mr. William Rhodes Lees, Teaching Assistant in Geosciences, from "one-fifth time at a salary of \$600.00 for the spring semester" to "two-fifths time at a salary of \$1,200.00 for the spring semester," effective from noon January 16, 1968, through May 31, 1968. (Budgeted \$600.00 for spring; p. 92; Item 32A. The additional \$600.00 will be paid from lapsed funds.)

H379. Appropriate from the unappropriated balance the sum of \$465.00 to the Department of Geosciences Maintenance, Equipment and Travel Account. This amount is to be designated for travel.



Mathematics

H380. Revise the contract of Mr. John Coleman Drummond, Teaching Assistant in Mathematics, from "one-fifth time at a salary rate of \$600.00 for four and one-half months" to "two-fifths time at a salary rate of \$1,200.00 for four and one-half months," effective noon January 16, 1968, through May 31, 1968. (Budgeted salary \$600.00; p. 115; Item 82. The additional \$600.00 required for this contract will be paid from lapsed funds.)

Business Education and Secretarial Administration

H381. Revise the contract of Dr. Ronald Dee Johnson, Associate Professor of Business Education and Secretarial Administration, from "full time teaching at a salary of \$5,850.00 for four and one-half months" to "three-fourths time teaching (\$4,387.50) and one-fourth time Principal Investigator on the Organized Research Project 'Simulation Exercise for Pre-Service Education of Office Education Teacher-Coordination' (\$1,462.50) at a salary of \$5,850.00 for four and one-half months," effective noon January 16, 1968, through May 31, 1968. (Budgeted \$5,850.00 for 4½ months; p. 142; Item 7. Budgeted research \$1,462.50 for 4½ months; p. 359I; Item 4.)

Economics

H382. Revise the contract of Dr. Vernon Thomas Clover, Professor of Economics, from "full time teaching at a salary of \$7,750.00 for four and one-half months" to "two-thirds time teaching (\$5,166.67) and one-third time Principal Investigator on the Organized Research Project 'Economic Evaluation of the Proposed Plans for Importation of Water into West Texas, Phase I' (\$2,583.33), at a salary rate of \$7,750.00 for four and one-half months," effective noon January 16, 1968, through May 31, 1968. (Budgeted \$7,750.00, Economics; p. 145; Item 2. Research \$2,583.00; p. 359K; Item 4.)

Education

H383. Revise the contract of Dr. Owen LaVerne Caskey, Department of Education, from "Professor of Education at a teaching salary of \$7,440.00 for six months" to "Professor of Education at a teaching salary of \$7,440.00 for six months and Coordinator of the Mexican-American Counselor Education Project at a salary of \$1,250.00 for six months," effective December 1, 1967, through May 31, 1968. (Budgeted teaching salary \$7,440.00 for 6 months; p. 158; Item 3; and Account No. 391-1173, \$2,500.00 for 12 months; Item 4.)

H384. Revise the contract of Dr. Morris Sheppard Wallace, Department of Education, from "Professor of Education at a teaching salary of \$10,866.67 for six months" to "Professor of Education (three-fourths time) at a teaching salary of \$8,150.00 for six months and Director of the Mexican-American Teacher Education Project and the Mexican-American Counselor Program (one-fourth time) at a salary of \$2,716.67 for six months," effective December 1, 1967, through May 31, 1968. (Budgeted teaching \$10,866.67 for 6 months; p. 158; Item 7; Account No. 391-1178, \$5,433.00 for 12 months; Item 3.)

Home Economics Education

H385. Revise the contract of Dr. Margaret Ann Wilson Sitton, Associate Professor of Home Economics Education, to show the distribution of salary to "Home Economics Education \$4,354.00 and Vocational Teacher Training Supplement \$2,354.35" instead of "Home Economics Education \$6,708.35," effective February 1, 1968, through May 31, 1968. There is no change in rate but a change in the source of funds. (Budgeted p. 195; Item 5; and lapsed funds p. 215; Item 5A.)

H386. Revise the teaching contract of Miss Billie Frances Williamson, Associate Professor, from "forty-five per cent on the budget for the Department of Home Economics Education (\$5,715.00) and thirty per cent on the budget for Vocational Home Economics Education (Teacher Training Supplement, \$4,036.00)" to "seventy-five per cent in the Department of Home and Family Life," with no change in salary rate, effective February 1, 1968, through May 31, 1968. (Budgeted Home Economics Education \$5,715.00 and Vocational Teacher Training Supplement \$4,036.00; pp. 195 and 215. The funds /\$5,687.55~~/~~ required for the salary in the Department of Home and Family Life will be paid from lapsed funds.)

Animal Husbandry Herds and Flocks

H387. Revise the contract of Mr. Clois Dean Jeffries, Part-time Student Herdsman in Herds and Flocks, from "\$2,400.00 per year" to "\$2,760.00 per year including house and utilities valued at \$360.00 per year," effective February 1, 1968, through August 31, 1968. (Budgeted \$2,400.00; p. 222; Item 9.)

H388. Revise the contract of Mr. Bevie Eugene Gladden, Maintenance and Repairman, Animal Husbandry Herds and Flocks, from "full time at an annual salary of \$4,500.00" to "one-half time at an annual salary of \$2,250.00," effective January 1, 1968, through August 31, 1968. (Budgeted \$4,500.00 for 12 months; p. 223; Item 19.)

Educational Television

H389. Revise the contract of Mr. Robert E. L. Patillo, Jr., Television Control Technician, from "an annual salary of \$7,380.00" to "an annual salary of \$8,100.00," effective December 1, 1967, through August 31, 1968. (Budgeted \$3,690.00; p. 210A; Item 3; and \$3,690.00; p. 238; Item 3. The additional funds required for this contract will be paid from lapsed funds; p. 210A /\$270.00~~/~~; Item 3; and p. 238 /\$270.00~~/~~; Item 3.)

H390. Revise the contract of Mr. Arthur Nicholas Redinger, Television Control Technician, from "an annual salary of \$5,760.00" to "an annual salary of \$6,360.00," effective December 1, 1967, through August 31, 1968. (Budgeted \$5,760.00 for 12 months; p. 210A; Item 4. The additional \$450.00 required for this contract will be paid from lapsed funds.)

H391. Revise the contract of Mr. Jack Spencer Keeling, Television Control Technician, from "an annual salary of \$6,060.00" to "an annual salary of \$6,660.00," effective December 1, 1967, through August 31, 1968. (Budgeted \$3,030.00 for 12 months; p. 210A; Item 4A; and \$3,030.00 for 12 months; p. 238; Item 4A. The additional \$450.00 required for this contract will be paid from lapsed funds.)

Southwest Collection

H392. Revise the contract of Mr. James Marion Skaggs, Assistant Archivist for the Southwest Collection, from "three-fifths time at an annual salary rate of \$5,200.00" to "four-fifths time at an annual salary rate of \$6,933.33," effective February 1, 1968, through August 31, 1968. (Budgeted \$5,200.00 for 12 months; p. 232; Item 5. The additional \$1,011.11 required for this contract will be transferred from Student Assistants and/or Part-time Help. Re: Section E.)

Grounds Maintenance

H393. Approve the transfer of \$1,700.00 from Grounds Maintenance, Maintenance, Equipment and Travel, page 258, Item 9, to General Services Grounds Maintenance, Maintenance, Equipment and Travel, page 252, Item 1. (Budgeted p. 252.)

Organized Research (Account No. 191-4383)

H394. Revise the contract of Mr. Theodor Walter Alexander, Principal Investigator on the Organized Research Project "A Comparative Study of the Technique of the Inner Monologue in Arthur Schnitzler's Leutnant Gustl (1900) and Edouard Dujardin's Les Lauriers sont coupes (1887)," from "June 3, 1968, through July 13, 1968" to "July 15, 1968, through August 24, 1968" with no change in salary. (Account No. 191-4383; amount \$2,283.00; Mr. Theodor Walter Alexander, Principal Investigator.)

Organized Research (Account No. 191-8201)

H395. Allocate the sum of \$175.00 of the budgeted allocation for Maintenance, Equipment and Travel to "Travel" on the Organized Research Project "The Use of Herbicides in Soybean Production," Account No. 191-8201.

Organized Research (Account No. 191-8703)

H396. Approve the following budget adjustments on the Organized Research Project "An Investigation of the Effectiveness of Microteaching in the Development of Teaching Performance in Home Economics Teacher Education at Texas Technological College":

- (1) Allocate an additional \$16.00 to the salary for a Research Associate, Item 5;
- (2) Deduct the amount of \$28.00 from the salary for a Research Associate, Item 6;
- (3) Deduct the amount of \$12.00 from the allocation to the project and return the \$12.00 to the lump sum appropriation for Research in Home Economics.

(Organized Research Account No. 191-8703; Principal Investigator, Dr. L. Ann Buntin; p. 361C.)



Organized Research (Account No. 191-8708)

H397. Allocate an additional \$800.00 from the lump sum allocation for Research in Home Economics, budget page 361 (original allocation \$6,978.00; adjusted to \$7,778.00) to the Organized Research Project "The Development of an Instrument to Measure Student's Perceptions of Marital Interaction via Animated Characterizations of Specific Marital Situations" and distribute the \$800.00 as follows: \$420.00 to Student Assistants and/or Part-time Help, Item 7, and \$380.00 to Maintenance, Equipment and Travel, Item 8. (Account No. 191-8708; Project Director, Dr. Kay Francis King.)

Chemistry Cost-of-Education Grant (Account No. 391-1110)

H398. Correct Item F58, Board Minutes of December 9, 1967, to read "Dr. Gene Crowder" instead of "Dr. Gene Crowds." (Re: F58; Board Minutes of December 9, 1967; Professional Fee.)

Mexican-American Teacher Education Program (Account No. 391-1178)

H399. Approve the payment of a professional fee in the amount of \$15.00 to each of the thirty-five individuals listed on Attachment No. 8 in payment of their services as consultants for the Mexican-American Teacher Education Program on November 8-9, 1967, during meetings in McAllen and Edinburg. The list of individuals to receive payment is attached and made a part of the Minutes. Attachment No. 8. (Account No. 391-1178; Dr. Morris S. Wallace, Director.)

NSF Grant Funds (Account No. 391-1189)

H400. Revise Item No. F66, Board Minutes of December 9, 1967, to read "a professional fee of \$90.00" instead of "a professional fee of \$200.00." (Account No. 391-1189; Dr. Allan G. Blair, Los Alamos, New Mexico; F66; December 9, 1967.)

Organized Research (Account No. 391-4071)

H401. Accept a grant in the amount of \$10,000.00 for the support of the Organized Research Project "Analysis of the Chin Glands of Gopherus Berlandieri," effective January 1, 1968, through December 31, 1968. A letter from Mr. John T. Wilson, Deputy Director of the National Science Foundation, concerning the grant is attached and made a part of the Minutes. Attachment No. 21. (Budgeted \$5,000.00 for 12 months; Account No. 391-4071; 1968; Principal Investigator, Dr. Francis Lewis Rose; Grant No. GB-5959.)

Organized Research (Account No. 191-4775)

H402. Cancel the Organized Research Project "Research in Evaporite Studies," Account No. 191-4775; accept the resignation of Mr. Gerald Vernon Mendenhall, Research Assistant; and lapse the funds (\$4,000.00) back to the Organized Research for the School of Arts and Sciences. (Account No. 191-4775; return to the Control Account Budget p. 301.)

Organized Research (Account No. 191-4372)

H403. Terminate the Organized Research Project "Metropolitan Planning: Acceptance and Implementation of City and Regional Plans," Account No. 191-4372; accept the resignation of Dr. Shirley Chapman as Principal Investigator; and lapse the funds (\$1,970.00) to Organized Research for Arts and Sciences, budget page 330. (Organized Research Account No. 191-4372; Budget p. 307.)

Graduate Fellowships and Scholarships (Account No. 191-8010)

H404. Incorporate in the Minutes a list of the individuals receiving a Graduate Fellowship and/or Scholarship from the State-appropriated funds for Graduate Fellowships and/or Scholarships for the fiscal year 1967-1968. Attachment No. 22.

Intercollegiate Athletics

H405. Correct footnote (b), Budget for Intercollegiate Athletics, page 378, to read "part-time for 12 months" instead of "part-time for 9 months" and add the following statement: "This salary based upon an eighteen (18) hour work week." (Budgeted salary \$1,200.00; p. 378; Item No. 35.)

Texas Tech College Bookstore

H406. Revise Item C70, Board Minutes of October 14, 1967, revising the starting date of the employment contract for Mrs. Corrine F. Stephens from "September 1, 1967" to "September 11, 1967" with no change in salary rate. (Budgeted \$1,875.00 for 12 months; p. 380; Item 11.)

H407. Revise Item C71, Board Minutes of October 14, 1967, revising the starting date of the employment contract for Mrs. Shirley Lane Elliott from "September 1, 1967" to "September 11, 1967" with no change in salary rate. (Budgeted \$3,000.00 for 12 months; p. 382; Item 39.)

H408. Grant Texas Tech College Bookstore permission to purchase classroom materials from the staff member and/or members as indicated by Attachment No. 23.

Texas Technological College Research Farm

H409. Cancel Item No. H638 and Attachment No. 45, Board Minutes of August 5, 1967, approving the leasing of certain storage space located at the Texas Technological College Research Farm to Ladshaw Explosives, Incorporated. The company decided to delay any lease on storage space for some time. (Item H638, August 5, 1967.)

Residence Halls

H410. Revise the contract of Mrs. Regina Kaye Shipman, Accounting Clerk I for the Residence Halls, from "a salary of \$2,800.00 for nine and one-half months" to "a salary of \$2,800.00 for ten months," effective September 1, 1967, through June 30, 1968. (Budgeted \$2,800.00 for 9½ months [should have been 10 months]; p. 432; Item 10.)

Gerald Brown Memorial Scholarship (Account No. 391-6230)

H411. Approve the establishment of the Gerald Brown Memorial Scholarship effective Fall, 1968. The proposed catalog description is given below:

GERALD BROWN MEMORIAL SCHOLARSHIP

ORIGIN: Army R.O.T.C. Corps of Cadets in memory of Captain Gerald Brown, who was killed in action in Viet Nam in March, 1967.

ELIGIBILITY: Entering freshmen male students with a high school grade average of B or above and whose entry into the College would be delayed or jeopardized without this stipend. Applicant must be recommended for this award by his high school principal and pastor and must enroll in the Army ROTC Basic Course. Preference is given to but not limited to students within a 100 mile radius of Lubbock and to those who have been active in extracurricular affairs such as sports, student government, church organizations and academic societies.

AMOUNT: \$125.00 each semester.

INFORMATION: Professor of Military Science.

Lottie Hilton Memorial Loan Fund (Account No. 591-0640)

H412. Close the Lottie Hilton Memorial Loan Fund, Account No. 591-0640, and transfer the funds to the Altrusa Music Scholarship Fund in Memory of Lottie Hilton. (Re: Item H203; Board Minutes of October 14, 1967; Account No. 391-6055.)

Gifts (Texas Technological College Foundation)

H413. Accept gifts and/or grants in the amount of \$234,971.95 through the Texas Technological College Foundation. The donor, the purpose of the gift, the amount of the gift, and the account numbers are listed on Attachment No. 6. The attachment has been made a part of the Minutes.

Gift (Care and Maintenance of Grounds)

H414. Accept a gift of two Lodge Pole Pine trees from Mr. and Mrs. J. H. Aufill, Lubbock, Texas, for the Department of Care and Maintenance of Grounds. The trees have been planted on the south side of the Psychology Building and have been valued at \$300.00 each.

H415. Accept the gift of 20 large Austrian pine trees from Mr. and Mrs. Arch G. Lamb and Miss Ilse Wolf. The value of the trees has been estimated at \$10,000.00 by Dr. James W. Kitchen, Director of Care and Maintenance of Grounds.

\* \* \* \* \*

1968 Summer School

Geosciences

H416. Correct Item No. H342, Board Minutes of December 9, 1967, to read: "Approve a charge of \$250.00 per student per term" instead of "a charge of \$240.00 per student per term" of all resident students registering for the Geology Field School . . . and increase the amount allocated for room and board from "\$140.00" to "\$150.00," for the 1968 Summer School. (1968 Summer School Field Course for Geosciences.)

Geosciences Field Camp (1968 Summer School)

H417. Grant the Department of Geosciences permission to employ Mrs. Ellen Harris (Mrs. Rae L. Harris, Jr., Director of the Field Camp) as caterer for the 1968 field camp (Geology 363). This is the same plan that has been followed for several years. (Geology Field Camp; Dr. Richard B. Mattox, Chairman of the Department of Geosciences.)

Summer Institute in Biology for Secondary School Teachers (Account No. 391-1242)

H418. Accept a grant in the amount of \$65,390.00 for the support of a "Summer Institute in Biology for Secondary School Teachers," effective December 1, 1967, through September 30, 1968. A copy of a letter from Mr. John T. Wilson, Deputy Director, National Science Foundation, is attached and made a part of the Minutes. Attachment No. 4. (Grant No. GW-2347; Institute Director, Dr. Paul V. Prior; Account No. 391-1242.)

\* \* \* \* \*

1967-1968 Budget

Data Processing Department

H419. Appropriate from the unappropriated balance the sum of \$10,000.00 to the Data Processing Department Maintenance, Equipment and Travel Account.

Gift (Department of Animal Husbandry)

H420. Grant the Department of Animal Husbandry permission to accept a registered Quarter mare, Sugar Carson, Registration Number 420832, from Dr. Robert C. Roney, 3801 19th Street, Lubbock, Texas, and Mr. Jim Finley, 2247 34th Street, Lubbock, Texas, for the Department of Animal Husbandry. This mare has been valued at \$1,500.00.

Travel Leave

H421. Grant Dr. Gerald W. Thomas, Interim Executive Vice President, permission to go to Lima, Peru, to arrange for cooperative research programs between Peru and Texas Technological College from March 30, 1968, through April 6, 1968, and from Lima, Peru, to Saltillo, Mexico, on or about April 7, 1968, to attend the International Symposium (April 7, 1968, through April 11, 1968) on 'Increasing Food Production in Arid Lands' and to read an original research paper entitled: 'A Formula for Resource Use of Arid Lands', for the period March 30, 1968, through April 11, 1968. Partial expenses (\$195.00) are to be paid from the Office of the Dean of Agriculture Maintenance, Equipment and Travel.

TEXAS TECHNOLOGICAL COLLEGE  
Lubbock, Texas

February 10, 1968

WHEREAS, Texas Technological College entered into a grant agreement on January 26, 1967, between the United States Commissioner of Education and Texas Technological College for the construction of an addition to the Home Economics Building, whereby the College was awarded a grant in the amount of \$317,488.00 to help finance the new facility; and

WHEREAS, The Board of Directors of Texas Technological College, having determined that it was not feasible to proceed with plans for the Home Economics facility in 1967, notified the Coordinating Board, Texas College and University Systems on September 6, 1967, that it would be impossible to comply with the terms of the grant at this time.

THEREFORE BE IT RESOLVED, That the members of this Board are unanimously agreed that all mutual agreements, commitments and obligations entered into in connection with said Grant Agreement should be cancelled and made void.

RESOLVED FURTHER, That Mr. M. L. Pennington, Vice President for Business Affairs, be authorized to sign the letter of notification addressed to the Department of Health, Education and Welfare, through the Regional Office, Dallas, Texas, that the Board of Directors of Texas Technological College has given its unqualified decision to terminate the Grant Agreement.

WITNESS OUR HAND this 10th day of February, 1968.

Attest:

Board of Directors  
Texas Technological College

By /s/ J. Roy Wells  
J. Roy Wells, Secretary

By /s/ Roy Furr  
Roy Furr, Chairman

\* \* \* \* \*

I, J. Roy Wells, the duly appointed and qualified Secretary of the Board of Directors, hereby certify that the above and the foregoing is a true and correct copy of a resolution adopted by the Board of Directors on the 10th day of February, 1968.

By /s/ J. Roy Wells  
J. Roy Wells, Secretary

(SEAL)

(Re: 4-7-00080-0, formerly Tex. 4-2400;  
Grant Amount \$317,488.00)



Board Minutes  
February 10, 1968  
Attachment No. 2

R E S O L U T I O N  
APPROVAL OF OFFICIAL TRAVEL REIMBURSEMENTS

TEXAS TECHNOLOGICAL COLLEGE  
OFFICE OF THE BOARD OF DIRECTORS  
LUBBOCK, TEXAS

February 10, 1968

KNOW ALL MEN BY THESE PRESENTS: That on the 10th day of February, 1968, the Board of Directors of Texas Technological College regularly met, and passed and duly recorded the following resolution:

WHEREAS, Article V, Section 16 of the General Provision of Higher Education, Senate Bill No. 15, as passed by the Sixtieth Legislature, Regular Session, provides that: "For the purpose of in-State travel or out-of-State travel the respective governing boards may delegate their authority to approve official travel reimbursements from appropriations made in this Act, to presidents, chief executive heads, vice presidents, or deans heading State systems or particular agencies of higher education . . ."

BE IT THEREFORE RESOLVED, that the Board of Directors of Texas Technological College designate and empower Dr. Grover E. Murray, President, or Dr. Gerald W. Thomas, Interim Executive Vice President, or Dr. S. M. Kennedy, Vice President for Academic Affairs, or M. L. Pennington, Vice President for Business Affairs, or J. G. Taylor, Business Manager, to approve official travel reimbursements from State appropriations for officers and employees of Texas Technological College whose jobs require them to travel, or where the trip is for the best interest of Texas Technological College, or for the presentation of original research by an employee before a national, regional, or State learned society, for the period February 1, 1968, through August 31, 1968.

Witness My Hand this 10th day of February, 1968.

ATTEST:

/s/ J. Roy Wells  
Secretary

BOARD OF DIRECTORS  
TEXAS TECHNOLOGICAL COLLEGE

By /s/ Roy Furr  
Roy Furr, Chairman

\*\*\*\*\*

I, J. Roy Wells, the duly appointed and qualified Secretary of the Board of Directors, hereby certify that the above and the foregoing is a true and correct copy of a resolution adopted by the Board of Directors on the 10th day of February, 1968.

/s/ J. Roy Wells  
Secretary

(SEAL)

TEXAS TECHNOLOGICAL COLLEGE  
Lubbock, Texas

Office of the  
Board of Directors

February 10, 1968

RESOLUTION  
Authority to Approve Travel

KNOW ALL MEN BY THESE PRESENTS: That on the 10th day of February, 1968, the Board of Directors of Texas Technological College regularly met, and passed and duly recorded the following Resolution:

WHEREAS, Article V, Section 16, of the General Provisions for Higher Education, Sixtieth Legislature, Regular Session, Senate Bill No. 15, Sixtieth Legislature, the Regular Session, 1967, provides in part:

" . . . the respective governing boards may delegate their authority to authorize and approve official travel . . . provided such delegation of authority shall specify the kind and nature of official travel to be approved and the termination date of such delegated authority, that such delegations of authority are entered in the official Minutes. . . ."

BE IT THEREFORE RESOLVED, That the Board of Directors of Texas Technological College designate and empower Dr. Grover E. Murray, President, or Dr. Gerald W. Thomas, Interim Executive Vice President, or Dr. S. M. Kennedy, Vice President for Academic Affairs, or Mr. J. Roy Wells, Assistant to the President, and/or Mr. M. L. Pennington, Vice President for Business Affairs, to approve travel leaves involving travel expense, both in-State and out-of-State, for employees traveling on official business for the College (official travel shall include travel required by the position held, when the trip is of direct benefit to the College, and/or to present an original research paper for a national, regional, or State learned society) for the period February 1, 1968, through August 31, 1968; and authorize Dr. Grover E. Murray, President, or Dr. Gerald W. Thomas, Interim Executive Vice President, or Dr. S. M. Kennedy, Vice President for Academic Affairs, or Mr. M. L. Pennington, Vice President for Business Affairs, or Mr. John G. Taylor, Business Manager, to approve the travel reimbursement claims.

WITNESS MY HAND This 10th day of February, 1968.

ATTEST:

BOARD OF DIRECTORS  
TEXAS TECHNOLOGICAL COLLEGE

/s/ J. Roy Wells  
J. Roy Wells, Secretary

By: /s/ Roy Furr  
Roy Furr, Chairman

\* \* \* \* \*

I, J. Roy Wells, the duly appointed and qualified Secretary of the Board of Directors, hereby certify that the above and the foregoing is a true and correct copy of action taken by the Board of Directors of Texas Technological College on February 10, 1968.

(SEAL)

/s/ J. Roy Wells  
J. Roy Wells, Secretary



Board Minutes  
February 10, 1968  
Attachment No. 4  
Account No. 391-1242

NATIONAL SCIENCE FOUNDATION  
Washington, D. C. 20550

Dec. 11, 1967

Dr. Grover E. Murray, President  
Texas Technological College  
Lubbock, Texas 79409

CW-2347

Dear Dr. Murray:

It is a pleasure to inform you that a grant of \$65,390 is awarded to Texas Technological College for support of a "Summer Institute in Biology for Secondary School Teachers," described in your proposal S/0017. This grant is under the direction of Paul V. Prior, Department of Biology, and terminates on September 30, 1968.

While no commitment can be made at this time, it is the Foundation's intention to continue support of this project for an additional year provided: (1) funds available are adequate to permit support of this project, and (2) continuation of this project will be carried out essentially as requested in the present proposal, or as modified by mutual agreement. The actual amount and duration of such support will be determined following receipt of a letter of request (accompanied by an abbreviated proposal and budget information) from the institution.

The Foundation requires administration of this grant in accordance with the attached budget summary, the attached "Administration of Grants for Science Education" (Revised August 1967) and the 1968 Guide for "Summer Institutes for Secondary School Teachers of Science and Mathematics" (E 67-P-2), a copy of which was forwarded to your Business Office and to the Project Director.

Please acknowledge acceptance of this grant under the above terms and include in your acknowledgement a reference to the grant number.

Sincerely yours,

/s/ John T. Wilson

John T. Wilson  
Deputy Director

Enclosures

C O P Y

Board Minutes  
February 10, 1968  
Attachment No. 5

TEXAS TECHNOLOGICAL COLLEGE  
Lubbock, Texas

Tuition Scholarships, Section 30-C, Article 4,  
Senate Bill No. 15, Acts of the 60th Legislature

<u>Name</u>	<u>Home Address</u>	<u>Amount</u> <u>Fall Semester</u>
Mr. Edward Clay Almon	4329 Wedgworth Ct. Fort Worth, Texas 76133	\$ 25.00
Mr. John Steven Almon	4329 Wedgworth Ct. Fort Worth, Texas 76133	25.00
Mr. Forrest Dean Burt	3216 - 29 Street Lubbock, Texas	25.00
Miss Carla Faye Dunn	Box 206 Alpine, Texas	25.00
Mr. William Bruce Giles	5602 - 46 Street Lubbock, Texas 79414	25.00
Miss Susan Jean Gum	2124 - 69 Street Lubbock, Texas	25.00
Miss Rose Lee Head	1638 Mission San Angelo, Texas	25.00
Mr. Ewell James Hindman	4305-B Canton Lubbock, Texas	25.00
Miss Claire Leila Hogg	5306 Stillbrooke Houston, Texas	25.00
Miss Nancy Elizabeth McArthur	526 Monette Corpus Christi, Texas 78412	25.00
Mr. Gerald Gayland Okerson	2407 South Crockett Amarillo, Texas	25.00
Miss Marian Grace Sigler	927 North 30 Waco, Texas	25.00
Mr. James Thomas South	402 Cherry Merkel, Texas 79356	25.00
Miss Nancee Ilene Spencer	4302 Brookdale Midland, Texas 79701	25.00

Board Minutes  
February 10, 1968  
Attachment No. 5  
Page 2

<u>Name</u>	<u>Home Address</u>	<u>Amount</u> <u>Fall Semester</u>
Miss Beverly F. Thompson	4405 - 26 Street Lubbock, Texas	\$ 25.00
Miss Janie Louise Washington	403 Second Avenue Mansfield, Texas	25.00
Miss Marilyn Kathleen Weaver	1807 Hughes Midland, Texas 79701	25.00
Miss Jewell Jeanne Woods	Box 1267 Pecos, Texas	25.00

Board Minutes  
February 10, 1968  
Attachment No. 5A

TEXAS TECHNOLOGICAL COLLEGE  
Lubbock, Texas

Tuition Scholarships, Section 30-C, Article 4,  
Senate Bill No. 15, Acts of the 60th Legislature

<u>Name</u>	<u>Home Address</u>	<u>Amount Spring Semester</u>
Mr. Edward Clay Almon	4329 Wedgworth Ct. Fort Worth, Texas 76133	\$ 25.00
Mr. John Steven Almon	4329 Wedgworth Ct. Fort Worth, Texas 76133	25.00
Mr. David Maxim Baker	211 Fourth S. E. Childress, Texas	25.00
Mr. Forrest Dean Burt	3216 - 29 Street Lubbock, Texas	25.00
Mr. Dwain Kent Butler	Arah Route Snyder, Texas	25.00
Mrs. Jane Anne Crozier	2101-A Main Lubbock, Texas	25.00
Miss Carla Faye Dunn	Box 206 Alpine, Texas	25.00
Miss Beverly Louise Garvert	2218 Manhattan Amarillo, Texas	25.00
Mr. William Bruce Giles	5602 - 46 Street Lubbock, Texas 79414	25.00
Miss Cheryl Ann Goodwin	Box 267 Paducah, Texas	25.00
Miss Susan Jean Gum	2124 - 69 Street Lubbock, Texas	25.00
Miss Janet Lynn Hall	113 East 18 Littlefield, Texas	25.00
Miss Rose Lee Head	1638 Mission San Angelo, Texas	25.00
Mr. Don Clifford Henry	1910 - 29 Street Lubbock, Texas	25.00

<u>Name</u>	<u>Home Address</u>	<u>Amount</u> <u>Spring Semester</u>
Mr. Ewell James Hindman	4305-B Canton Lubbock, Texas	\$ 25.00
Miss Claire Leila Hogg	5306 Stillbrooke Houston, Texas	25.00
Mr. Ronald Eugene Johnson	422 West 12 Street Dallas, Texas	25.00
Mr. Randy Lynn Lewis	Route 2, Box 115 Brownfield, Texas	25.00
Mr. Frank Ed McWilliams	2415 - 25 Street Lubbock, Texas	25.00
Miss Nancy Elizabeth McArthur	526 Monette Corpus Christi, Texas 78412	25.00
Miss Marilyn Gale Menard	Box 84 Seabrook, Texas	25.00
Miss Martha Ann Morgan	1419 Cumberland Odessa, Texas	25.00
Mr. Gary Sanders Neely	3613 Trice Waco, Texas	25.00
Mr. Gerald Gayland Okerson	2407 South Crockett Amarillo, Texas	25.00
Miss Janis Elaine Owens	Box 505 Rankin, Texas	25.00
Mr. Ronald H. Prewitt	Box 402 Crane, Texas	25.00
Miss Patsy Nadine Rainwater	201 - 24 Street Snyder, Texas	25.00
Miss Suzanne Rhoads	1334 - 60 Street Lubbock, Texas	25.00
Miss Shielda Gaye Richards	1031 Pryor Amarillo, Texas	25.00
Mr. Ralph Allen Riley	1305 - 28 Street Lubbock, Texas	25.00

<u>Name</u>	<u>Home Address</u>	<u>Amount</u> <u>Spring Semester</u>
Miss Patrice Diane Shaughnessy	2734 - 68 Street Lubbock, Texas	\$ 25.00
Miss Marian Grace Sigler	927 North 30 Waco, Texas	25.00
Miss Sherrilyn Sloan	4505 - 48 Street Lubbock, Texas	25.00
Mr. James Thomas South	402 Cherry Merkel, Texas 79356	25.00
Miss Nancee Ilene Spencer	4302 Brookdale Midland, Texas	25.00
Miss Beverly F. Thompson	4405 - 26 Street Lubbock, Texas	25.00
Mr. Danny Clyde Turner	125 North Faulkner Pampa, Texas	25.00
Mrs. Terrie Olena Turner	1100 Terry Road Pampa, Texas	25.00
Miss Janie Louise Washington	403 Second Avenue Mansfield, Texas	25.00
Miss Marilyn Kathleene Weaver	1807 Hughes Midland, Texas 79701	25.00
Miss Catherine Gail Wilson	6315 Elgin Lubbock, Texas	25.00
Miss Jewell Jeanne Woods	Box 1267 Pecos, Texas	25.00

TEXAS TECHNOLOGICAL COLLEGE  
Lubbock, Texas

Tuition Scholarships, Section 30-C, Article 4,  
Senate Bill No. 15, Acts of the 60th Legislature

<u>Name</u>	<u>Home Address</u>	<u>Amount</u> <u>Spring Semester</u>
Mr. David Maxim Baker	211 Fourth S. E. Childress, Texas	\$ 25.00
Mr. Dwain Kent Butler	Arah Route Snyder, Texas	25.00
Mrs. Jane Anne Crozier	2101-A Main Lubbock, Texas	25.00
Miss Beverly Louise Garvert	2218 Manhattan Amarillo, Texas	25.00
Miss Cheryl Ann Goodwin	Box 267 Paducah, Texas	25.00
Miss Janet Lynn Hall	113 East 18 Littlefield, Texas	25.00
Miss Rose Lee Head	1638 Mission San Angelo, Texas	25.00
Mr. Don Clifford Henry	1910 - 29 Street Lubbock, Texas	25.00
Miss Claire Leila Hogg	5306 Stillbrooke Houston, Texas	25.00
Mr. Ronald Eugene Johnson	422 West 12 Street Dallas, Texas	25.00
Mr. Randy Lynn Lewis	Route 2, Box 115 Brownfield, Texas	25.00
Mr. Frank Ed McWilliams	2415 - 25 Street Lubbock, Texas	25.00
Miss Marilyn Gale Menard	Box 84 Seabrook, Texas	25.00
Miss Martha Ann Morgan	1419 Cumberland Odessa, Texas	25.00
Mr. Gary Sanders Neely	3613 Trice Waco, Texas	25.00



Board Minutes  
February 10, 1968  
Attachment No. 5B  
Page 2

<u>Name</u>	<u>Home Address</u>	<u>Amount</u> <u>Spring Semester</u>
Miss Janis Elaine Owens	Box 505 Rankin, Texas	\$ 25.00
Mr. Ronald H. Prewitt	Box 402 Crane, Texas	25.00
Miss Patsy Nadine Rainwater	201 - 24 Street Snyder, Texas	25.00
Miss Suzanne Rhoads	1334 - 60 Street Lubbock, Texas	25.00
Miss Shielda Gaye Richards	1031 Pryor Amarillo, Texas	25.00
Mr. Ralph Allen Riley	1305 - 28 Street Lubbock, Texas	25.00
Miss Patrice Diane Shaughnessy	2734 - 68 Street Lubbock, Texas	25.00
Miss Sherrilyn Sloan	4505 - 48 Street Lubbock, Texas	25.00
Miss Nancee Ilene Spencer	4302 Brookdale Midland, Texas	25.00
Mr. Danny Clyde Turner	125 North Faulkner Pampa, Texas	25.00
Mrs. Terrie Olena Turner	1100 Terry Road Pampa, Texas	25.00
Miss Catherine Gail Wilson	6315 Elgin Lubbock, Texas	25.00

TEXAS TECHNOLOGICAL COLLEGE  
Gifts to the College through  
Texas Technological College Foundation

<u>No. and Date</u>	<u>Donor</u>	<u>Purpose</u>	<u>Amount</u>
2803 11/21/67	The Best Fertilizers Company Post Office Box 5337 Houston, Texas 77012 (Gaylord Hanes, Manager)	Best Fertilizer Scholarship in Agriculture Account No. 391-6150	\$ 250.00
2804 11/21/67	W. L. Stangel 3013 - 28 Street Lubbock, Texas 79410	Library Enrichment Fund Account No. 391-2055	10.00
2805 11/21/67	Dozier Trophy & Shoe Shop 1209 College Avenue Lubbock, Texas (Maude Dozier)	Christmas Lighting Project Account No. 391-2620	5.00
2806 11/21/67	Womack's 328 College Lubbock, Texas 79415 (Rufus T. Womack)	Christmas Lighting Project Account No. 391-2620	5.00
2807 11/21/67	Plemons Texaco Service 2920 Fourth Street Lubbock, Texas (Clyde H. Plemon)	Christmas Lighting Project Account No. 391-2620	10.00
2808 11/21/67	Avalon Studio 2414 Broadway Lubbock, Texas (Afton Baxley)	Christmas Lighting Project Account No. 391-2620	5.00
2809 11/21/67	Bray's Cleaners & Furriers 2434 - 19 Street Lubbock, Texas (J. C. Wilson & Troy L. Womack)	Christmas Lighting Project Account No. 391-2620	10.00
2810 11/21/67	Renderbrook-Spade Ranch 1107½ Avenue K Lubbock, Texas 79401 (Frank Chappell)	Research Account No. 391-3431	959.01
2811 11/21/67	Dunigan Tool & Supply Company P. O. Box 1641 Abilene, Texas	Research Account No. 391-3430	1,357.23

<u>No. and Date</u>	<u>Donor</u>	<u>Purpose</u>	<u>Amount</u>
2812 11/21/67	Mrs. Tommye A. Moss P. O. Box 3229 Odessa, Texas 79760	Misc. Scholarship Fund--\$500 Account No. 391-7660 Music Cost-of-Education--\$500 Account No. 391-1179	\$1,000.00
2813 11/21/67	Bell Dairy Products, Inc. P. O. Box 2588 Lubbock, Texas 79408 (E. B. Collins, Pres.)	Christmas Lighting Project Account No. 391-2620	50.00
2814 11/22/67	Clifford Ashby 2711 - 24 Street Lubbock, Texas	Library Enrichment Fund Account No. 391-2055	10.00
2815 11/22/67	Carolyn McNamara 4610 - 13 Street Lubbock, Texas 79416	Library Enrichment Fund Account No. 391-2055	10.00
2816 11/22/67	First Methodist Church 1411 Broadway Lubbock, Texas 79403 (Emma Talley)	Music Scholarship Fund Account No. 391-7660	123.47
2817 11/22/67	Mrs. V. C. Bilbo, Jr. 2722 Singleton Blvd. Dallas, Texas 75212	Foundation Operating Fund Account No. 991-0050	1,000.00
2818 11/22/67	First National Bank Post Office Box 1241 Lubbock, Texas 79408 (A. C. Verner)	Law School Cost-of-Education Grant Account No. 391-1595	334.20
2819 11/22/67	Lubbock National Bank Post Office Box 421 Lubbock, Texas 79408 (Charles Maedgen)	Law School Cost-of-Education Grant Account No. 391-1595	208.80
2820 11/22/67	American State Bank Post Office Box 1401 Lubbock, Texas 79408 (Jack Payne)	Law School Cost-of-Education Grant Account No. 391-1595	175.00
2821 11/22/67	Plains National Bank of Lubbock Post Office Box 271 Lubbock, Texas (Jim Ed Waller)	Law School Cost-of-Education Grant Account No. 391-1595	58.20

<u>No. and Date</u>	<u>Donor</u>	<u>Purpose</u>	<u>Amount</u>
2822 11/22/67	Standard Oil (Indiana) Foundation, Inc. 910 South Michigan Avenue Chicago, Illinois 60680 (John H. Lind)	Distinguished Teacher Awards-- \$3,000--Account No. 391-6555 Foundation Operating Fund-- \$2,000--Account No. 991-0060	\$5,000.00
2823 11/27/67	Brown's Varsity Shop 1201 College Avenue Lubbock, Texas 79401 (William W. Brown)	Christmas Lighting Project Account No. 391-2620	20.00
2824 11/27/67	Avalanche-Journal 710 Avenue J Lubbock, Texas (Parker F. Prouty)	Christmas Lighting Project Account No. 391-2620	250.00
2825 11/27/67	White Pig Drive In 2422 Fourth Street Lubbock, Texas (Mrs. Eugene C. Schleuse)	Christmas Lighting Project Account No. 391-2620	10.00
2826 11/27/67	Frank C. Goodwin, M. D. 701 College Avenue Lubbock, Texas	Christmas Lighting Project Account No. 391-2620	5.00
2827 11/27/67	The Fabric Mart 316 College Avenue Lubbock, Texas (Mr. Brooks Robinson)	Christmas Lighting Project Account No. 391-2620	10.00
2828 11/27/67	Varsity Food Mart 2902 Fourth Street Lubbock, Texas (Jerry D. Holt)	Christmas Lighting Project Account No. 391-2620	10.00
2829 11/27/67	Robinson Cleaners 1615-B College Lubbock, Texas 79401 (M. C. Robinson)	Christmas Lighting Project Account No. 391-2620	10.00
2830 11/27/67	Forrest Foundation 320 Avenue L Lubbock, Texas (S. S. Forrest, Jr.)	Christmas Lighting Project Account No. 391-2620	100.00
2831 11/27/67	Roy B. Davis 1901 - 29 Street Lubbock, Texas 79411	Fund for Institutional Planning and Development Account No. 991-0090	100.00

<u>No. and Date</u>	<u>Donor</u>	<u>Purpose</u>	<u>Amount</u>
2832 11/27/67	Mrs. J. E. Blakey, Jr. 3202 - 23 Street Lubbock, Texas 79410	Fund for Institutional Planning and Development Account No. 991-0090	\$ 100.00
2833 11/27/67	Abbott & Bowen 1602 Main Lubbock, Texas 79401 (Alton Abbott)	ICASALS and Museum Development Fund Account No. 391-2485	100.00
2834 11/27/67	Addressing Letter Service 503 Avenue L Lubbock, Texas (J. M. Housouer)	ICASALS and Museum Development Fund Account No. 391-2485	50.00
2835 11/27/67	Donald W. Andress, DDS 3716 - 21 Street, Suite 202 Lubbock, Texas 79410	ICASALS and Museum Development Fund Account No. 391-2485	100.00
2836 11/27/67	Buck's Irrigation Engine, Inc. #1 515 Amarillo Hwy. Lubbock, Texas (Prentice Cunningham)	ICASALS and Museum Development Fund Account No. 391-2485	500.00
2837 11/27/67	A and J Developers, Inc. 2206 Myrick Building Lubbock, Texas (Albert Troost, Jr.)	ICASALS and Museum Development Fund Account No. 391-2485	50.00
2838 11/27/67	Brown's Varsity Shop 1201 College Avenue Lubbock, Texas (William W. Brown)	ICASALS and Museum Development Fund Account No. 391-2485	100.00
2839 11/27/67	Nunn Electric Supply Corp. Post Office Box 192 Lubbock, Texas	ICASALS and Museum Development Fund Account No. 391-2485	333.00
2840 11/27/67	George H. Traylor, Jr. 602 Slaton Road Lubbock, Texas	ICASALS and Museum Development Fund Account No. 391-2485	25.00
2841 11/27/67	Allison, Mann & Allison 719 Houston Street Levelland, Texas 79336 (Al Allison)	Law School Cost-of-Education Account No. 391-1595	211.50

<u>No. and Date</u>	<u>Donor</u>	<u>Purpose</u>	<u>Amount</u>
2842 11/27/67	Ross McWhorter 2712 - 20 Street Lubbock, Texas (Mr. and Mrs. Ross A. McWhorter and Mr. and Mrs. Don Gerschick)	Dr. Alfred H. Rogers Scholarship Account No. 391-7980	\$ 10.00
2843 11/27/67	Trans-Mississippi Golf Association 2121 South Columbia Avenue Tulsa, Oklahoma 74114 (Mr. John A. Bell, Director)	Trans-Mississippi Golf Association Scholarship Account No. 391-8710	800.00
2844 11/27/67	Linda Rouse 2111-A 35 Street Lubbock, Texas 79412	Speech Clinic Account No. 391-1230	10.00
2845 11/27/67	Lois A. Hart 3318 - 30 Street Lubbock, Texas 79410	Speech Clinic Account No. 391-1230	15.00
2846 11/27/67	L. M. Waters, Jr. Route 4 Brownfield, Texas 79316	Speech Clinic Account No. 391-1230	5.00
2847 11/27/67	Mrs. A. L. Kelley Abernathy, Texas	Speech Clinic Account No. 391-1230	10.00
2848	VOID		
2849 11/28/67	J. M. Willson, Sr. c/o Dr. Robert N. Arnold 2706 - 56 Street Lubbock, Texas 79413	Willson Lecture Fund Account No. 391-2710	800.00
2850 11/28/67	Max Tidmore 3319 - 29 Street Lubbock, Texas 79410	ICASALS and Museum Development Fund Account No. 391-2485	10.00
2851 11/28/67	Helen DeVitt Jones 430 L. N. B. Building Lubbock, Texas 79401	Library Enrichment Fund Account No. 391-2055	25.00
2852 11/28/67	Mr. and Mrs. A. F. Holt 1920 - 31 Street Lubbock, Texas	Dr. Alfred H. Rogers Scholarship Account No. 391-7980	5.00
2853 11/28/67	Mrs. Harry Shaw, Jr. 3432 - 59 Street Lubbock, Texas 79413	Dr. Alfred H. Rogers Scholarship Account No. 391-7980	5.00

<u>No. and Date</u>	<u>Donor</u>	<u>Purpose</u>	<u>Amount</u>
2854 11/28/67	Hemphill-Wells Foundation Post Office Box 981 Lubbock, Texas 79408	Christmas Lighting Project Account No. 391-2620	\$ 250.00
2855 11/28/67	Retha R. Martin Foundation 720 Texas Avenue Lubbock, Texas 79401	Christmas Lighting Project Account No. 391-2620	250.00
2856 11/28/67	The Tie Rack 352 College Avenue Lubbock, Texas	Christmas Lighting Project Account No. 391-2620	10.00
2857 11/28/67	First Federal Savings and Loan Association of Lubbock 1120 - 14 Street Lubbock, Texas 79401 (H. B. Bryan)	Fund for Institutional Planning and Development Account No. 991-0090	500.00
2858 11/29/67	W. C. Holden 3105 - 20 Street Lubbock, Texas 79410	ICASALS and Museum Development Fund Account No. 391-2485	500.00
2859 11/29/67	Abbott & Bowen 1602 Main Lubbock, Texas 79401 (Alton Abbott, E. D. Bowen, Jr., Rae Nell Griggs)	Dr. Alfred H. Rogers Scholarship Account No. 391-7980	25.00
2860 11/29/67	Fletcher's Restaurant and Institutional Equipment Service 223 North Avenue U Lubbock, Texas	Christmas Lighting Project Account No. 391-2620	5.00
2861 11/29/67	John J. Kendrick 1609 East Buckley Brownfield, Texas	Library Enrichment Fund Account No. 391-2055	10.00
2862 11/29/67	C. A. Cash Box 631 Amarillo, Texas	Foundation Special Fund Account No. 991-0060	50.00
2863 11/30/67	Mr. and Mrs. George Pratas 3724 - 63 Drive Lubbock, Texas	Dr. Alfred H. Rogers Scholarship Account No. 391-7980	20.00
2864 11/30/67	Harry Morris Post Office Box 1415 Lubbock, Texas 79408	ICASALS and Museum Development Fund Account No. 391-2485	1,000.00



<u>No. and Date</u>	<u>Donor</u>	<u>Purpose</u>	<u>Amount</u>
2865 11/30/67	Brown-McKee, Inc. 2205 Avenue E Lubbock, Texas 79404	ICASALS and Museum Development Fund Account No. 391-2485	\$ 750.00
2866 12/1/67	Mrs. J. D. Jones 1915 - 30 Street Lubbock, Texas 79411	Dr. Alfred H. Rogers Scholarship Account No. 391-7980	5.00
2867 12/1/67	William Randolph Hearst Foundation 959 Eighth Avenue New York, New York 10019	Journalism Cost-of-Education Account No. 391-1175	50.00
2868 12/1/67	Frank W. Hudgins, M. D. Medical Professional Bldg. 3801 - 19 Street Lubbock, Texas	R. C. Goodwin Premedical Scholarship Fund Account No. 691-0153	30.00
2869 12/4/67	Pioneer Natural Gas Company Drawer 1121 Lubbock, Texas (R. M. Curry)	Christmas Lighting Project Account No. 391-2620	250.00
2870 12/4/67	Furr Foundation Post Office Box 1650 Lubbock, Texas 79408 (Roy Furr)	Christmas Lighting Project Account No. 391-2620	250.00
2871 12/4/67	Quality Steam Laundry 2415 Main Street Lubbock, Texas 79401	Christmas Lighting Project Account No. 391-2620	10.00
2872 12/4/67	Kathy's 2420 Broadway Lubbock, Texas (Curtis Bray)	Christmas Lighting Project Account No. 391-2620	15.00
2873 12/4/67	Bray's Sports Wear 2418 Broadway Lubbock, Texas (Curtis Bray)	Christmas Lighting Project Account No. 391-2620	15.00
2874 12/4/67	Mr. and Mrs. Curtis Bray Bray's Sports Wear 2418 Broadway Lubbock, Texas	Dr. Alfred H. Rogers Scholarship Account No. 391-7980	15.00

<u>No. and Date</u>	<u>Donor</u>	<u>Purpose</u>	<u>Amount</u>
2875 12/6/67	Mrs. Roscoe Wilson 4710 - 21 Street Lubbock, Texas 79407	ICASALS and Museum Development Fund Account No. 391-2485	\$2,500.00
2876 12/6/67	Pinkie's, Inc. P. O. Box 2067 Lubbock, Texas (Tom Roden)	ICASALS and Museum Development Fund Account No. 391-2485	140.00
2877 12/6/67	Costume Studio 2422-A Broadway Lubbock, Texas 79401 (Marshall Harvey)	Christmas Lighting Project Account No. 391-2620	10.00
2878 12/6/67	Mrs. L. M. Waters Route 4 Brownfield, Texas 79316	Speech Clinic Account No. 391-1230	5.00
2879 12/6/67	Mrs. William M. Harr 2122 - 69 Street Lubbock, Texas	Speech Clinic Account No. 391-1230	13.75
2880 12/6/67	Mrs. R. H. Stewart 3104 Denison Snyder, Texas	Speech Clinic Account No. 391-1230	10.00
2881 12/6/67	Mrs. Jimmy R. Davis Route 2 Hart, Texas	Speech Clinic Account No. 391-1230	25.00
2882 12/6/67	Mrs. L. M. Waters, Jr. Route 4 Brownfield, Texas 79316	Speech Clinic Account No. 391-1230	10.00
2883 12/6/67	Dr. Ennis E. Moss, Jr. 4020 - 21 Street, Suite 3 Lubbock, Texas	Dr. R. C. Goodwin Premedical Scholarship Fund Account No. 691-0153	25.00
2884 12/6/67	Dr. R. Maurice Hood 3100 Red River Austin, Texas	R. C. Goodwin Premedical Scholarship Fund Account No. 691-0153	10.00
2885 12/6/67	Alan Kent Jones P. O. Box 460 Cape Girardeau, Mo. 63701	Lenore M. Tunnell Memorial Fund	25.00
2886 12/6/67	W. L. Packard 1640 Twin Ridge Road Lincoln, Nebraska 68506	Lisa Ann Packard Memorial Scholarship Fund Account No. 391-7785	10.00

<u>No. and Date</u>	<u>Donor</u>	<u>Purpose</u>	<u>Amount</u>
2887 12/6/67	Plainview Jr. Service League Box 384 Plainview, Texas (Sue Shurbet)	Texas Tech Symphony Scholarship Fund	\$ 300.00
2888 12/6/67	Mr. and Mrs. Harmon Jenkins 3216 - 46 Street Lubbock, Texas	Library Enrichment Fund Account No. 391-2055	20.00
2889 12/6/67	Mr. Wallie Gravitt Route 2 Happy, Texas 79042	Virgil Martin Scholarship Fund	5.00
2890 12/6/67	Dr. C. N. Rainwater 610 Highland Drive Big Spring, Texas 79720	Virgil Martin Scholarship Fund	10.00
2891 12/6/67	The Pittsburgh Plate Glass Foundation Pittsburgh, Pennsylvania	Foundation Special Fund Account No. 991-0060	25.00
2892 12/6/67	Robert Howard Hemphill, Texas	Judge Victor H. Lindsey Loan Fund Account No. 531-0677	100.00
2893 12/6/67	Ralph Brock 2701 - 57 Street Lubbock, Texas 79413	Judge Victor H. Lindsey Loan Fund Account No. 531-0677	100.00
2894 12/6/67	The Belle Ann Foundation c/o George W. McCleskey, Pres. 1202 Texas Avenue Lubbock, Texas	Judge Victor H. Lindsey Loan Fund Account No. 531-0677	100.00
2895 12/6/67	Elcor Chemical Corporation 1300 V & J Tower Midland, Texas 79701	Chemical Engineering Cost-of-Education Grant Account No. 391-1415	100.00
2896 12/6/67	E. R. Squibb & Sons 25 Kennedy Boulevard East Brunswick, N. J. 08816	Research Account No. 391-3188	1,200.00
2897 12/8/67	Edwin H. Boedeker 1930 Slide Road Lubbock, Texas 79407	Dr. Alfred H. Rogers Scholarship	15.00
2898 12/8/67	Mrs. Harold F. Priddy Ralls, Texas	Library Enrichment Fund Account No. 391-2055	10.00

<u>No. and Date</u>	<u>Donor</u>	<u>Purpose</u>	<u>Amount</u>
2899 12/8/67	John A. Hughes 3306 - 43 Street Lubbock, Texas 79413	Library Enrichment Fund Account No. 391-2055	\$ 10.00
2900 12/8/67	Plains Cooperative Oil Mill, Inc. P. O. Box 1889 Lubbock, Texas (Charles Hay)	Research Account No. 391-3547	2,800.00
2901 12/8/67	Security National Bank P. O. Box 268 Lubbock, Texas 79408 (Douglas Boren)	Law School Cost-of-Education Account No. 391-1595	18.30
2902 12/8/67	O. B. Ratliff 3217 - 53 Street Lubbock, Texas	Fund for Institutional Planning and Development Account No. 991-0090	100.00
2903 12/8/67	Emmett A. Hazlewood 3218 - 20 Street Lubbock, Texas 79410	Emmett Hazlewood Scholarship Fund Account No. 691-0155	200.00
2904 12/8/67	Hamilton Acoustical Co. P. O. Box 602 Lubbock, Texas	ICASALS and Museum Development Fund Account No. 391-2485	250.00
2905 12/8/67	Hamilton Roofing Co. P. O. Box 602 Lubbock, Texas	ICASALS and Museum Development Fund Account No. 391-2485	250.00
2906 12/8/67	R. S. Tapp & Company Box 751 Lubbock, Texas 79408	ICASALS and Museum Development Fund Account No. 391-2485	200.00
2907 12/8/67	The Shamrock Oil and Gas Corporation Box 631 Amarillo, Texas 79105	Foundation Special Fund Account No. 991-0060	50.00
2908 12/8/67	Post - Montgomery 921 Austin Street Levelland, Texas (Monta Moore)	Post-Montgomery Cooperative Research in Range Management Account No. 391-3380	3,000.00

<u>No. and Date</u>	<u>Donor</u>	<u>Purpose</u>	<u>Amount</u>
2909 12/8/67	Matador Barber Shop 1205 College Avenue Lubbock, Texas (Rex Bridges)	Christmas Lighting Project Account No. 391-2620	\$ 15.00
2910 12/8/67	Borden's 519 Avenue J Lubbock, Texas	Christmas Lighting Project Account No. 391-2620	50.00
2911 12/8/67	Wallace T. Hazlewood 1505 Parker Amarillo, Texas	Emmett Hazlewood Scholarship Fund Account No. 691-0155	200.00
2912 12/11/67	Book and Stationery Center 1103 College Avenue Lubbock, Texas 79401	Christmas Lighting Project Account No. 391-2620	25.00
2913 12/12/67	Joe Bridwell P. O. Box 1401 Lubbock, Texas 79408	Fund for Institutional Planning and Development Account No. 991-0090	100.00
2914 12/13/67	Texas Tech College Section Chapter of AHEA c/o Mrs. Jackie Harland Department of Art Campus	Dean Tinsley Portrait Fund Account No. 391-2689	1,024.37
2915 12/13/67	Mrs. Robert E. Martin 4509 - 20 Street Lubbock, Texas 79407	Dean Tinsley Portrait Fund Account No. 391-2689	15.00
2916 12/13/67	Mrs. B. R. Whigham 2825 - 64 Street Lubbock, Texas 79413	Dean Tinsley Portrait Fund Account No. 391-2689	5.00
2917 12/13/67	Katie May Varnell 2400 - 44 Street, Apt. 201 Lubbock, Texas 79412	Dean Tinsley Portrait Fund Account No. 391-2689	5.00
2918 12/13/67	Raymond Barket P. O. Box 1401 Lubbock, Texas	Fund for Institutional Planning and Development Account No. 991-0090	100.00
2919 12/13/67	Mr. W. S. Posey 3223 - 20 Street Lubbock, Texas	ICASALS and Museum Development Fund Account No. 391-2485	1,000.00

<u>No. and Date</u>	<u>Donor</u>	<u>Purpose</u>	<u>Amount</u>
2920 12/13/67	Hellmut Klaus P. O. Box 1617 Lubbock, Texas 79408	ICASALS and Museum Development Fund Account No. 391-2485	\$ 100.00
2921 12/13/67	Verlon Bigham 343 Avenue H Lubbock, Texas 79402	ICASALS and Museum Development Fund Account No. 391-2485	100.00
2922 12/13/67	Texas, New Mexico & Oklahoma Coaches, Inc. 1313 - 13 Street Lubbock, Texas (C. M. Owens)	ICASALS and Museum Development Fund Account No. 391-2485	750.00
2923 12/13/67	Mrs. R. A. Parramore 3105 - 49 Street Lubbock, Texas 79413	Dean Tinsley Portrait Fund Account No. 391-2689	10.00
2924 12/13/67	Shop Rite Foods, Inc. Post Office Box 1200 Lubbock, Texas 79408 (C. L. Godwin)	Christmas Lighting Project Account No. 391-2620	100.00
2925 12/13/67	Mary B. Dabney 2208 Wayne Avenue Lubbock, Texas 79407	Library Enrichment Fund Account No. 391-2055	25.00
2926 12/13/67	Mrs. Marshall Formby Skaggs Building Plainview, Texas	Lenore M. Tunnell Memorial Fund	10.00
2927 12/13/67	Wichita Farm & Ranch Club P. O. Box 1860 Wichita Falls, Texas	Wichita Farm & Ranch Club Scholarship	180.00
2928 12/14/67	Benton Oil Company Post Office Box 31 Lubbock, Texas (Allen Benton)	Fund for Institutional Planning and Development Account No. 991-0090	50.00
2929 12/14/67	Gladys Scales 3008 - 32 Street Lubbock, Texas 79410	ICASALS and Museum Development Fund Account No. 391-2485	5,000.00
2930 12/14/67	Scoggin-Dickey Buick Company 1925 Texas Avenue Lubbock, Texas 79405	ICASALS and Museum Development Fund Account No. 391-2485	1,500.00

<u>No. and Date</u>	<u>Donor</u>	<u>Purpose</u>	<u>Amount</u>
2931 12/14/67	Armstrong Warehouse & Transfer 500 East 50 Street Lubbock, Texas	ICASALS and Museum Development Fund Account No. 391-2485	\$ 250.00
2932 12/14/67	Mrs. Fred D. Rigby 3822 - 53 Street Lubbock, Texas 79413	ICASALS and Museum Development Fund Account No. 391-2485	25.00
2933 12/14/67	Investors, Inc. 16th and Avenue M Lubbock, Texas 79401 (Asher Thompson)	ICASALS and Museum Development Fund Account No. 391-2485	175.00
2934 12/14/67	Read and Company 16th and Avenue M Lubbock, Texas 79401 (Asher Thompson)	ICASALS and Museum Development Fund Account No. 391-2485	175.00
2935 12/14/67	Tech Chapter, AHEA c/o Jackie Harland Department of Art Campus	Dean Tinsley Portrait Fund Account No. 391-2689	80.59
2936 12/14/67	Susan Dunn Room 203, Drane Hall Texas Tech College Lubbock, Texas 79409	Dean Tinsley Portrait Fund Account No. 391-2689	1.53
2937 12/14/67	Linda Sommerville Texas Tech College Box 2, Horn Hall Lubbock, Texas 79409	Dean Tinsley Portrait Fund Account No. 391-2689	3.00
2938 12/15/67	Standard Oil (Indiana) Foundation 910 South Michigan Avenue Chicago, Illinois 60680 (John H. Lind)	General Unrestricted Gifts and Grants Account No. 391-2650	25.00
2939 12/15/67	Mrs. Estelle H. Wallace 2125 - 54 Street Lubbock, Texas	Dean Tinsley Portrait Fund Account No. 391-2689	10.00
2940 12/15/67	Mrs. J. T. Hutchinson 3202 - 22 Street Lubbock, Texas	Journalism Cost of Education Account No. 391-1175	100.00



<u>No. and Date</u>	<u>Donor</u>	<u>Purpose</u>	<u>Amount</u>
2941 12/15/67	Elmer V. East P. O. Box 421 Lubbock, Texas 79408	Judge Victor H. Lindsey Loan Fund Account No. 531-0677	\$ 100.00
2942 12/15/67	Pioneer Natural Gas Company P. O. Box 511 Amarillo, Texas 79105 (C. I. "Stoney" Wall)	Fund for Institutional Planning and Development Account No. 991-0090	500.00
2943 12/18/67	Harmon Jenkins 3216 - 46 Street Lubbock, Texas	Fund for Institutional Planning and Development Account No. 991-0090	100.00
2944 12/18/67	Eva May Newsom 2306 Slide Road Lubbock, Texas	Dean Tinsley Portrait Fund Account No. 391-2689	5.00
2945 12/18/67	Frank W. Hudgins, M.D. Medical Professional Bldg. 3801 - 19 Street Lubbock, Texas	R.C. Goodwin Premedical Scholarship Account No. 691-0153	30.00
2946 12/18/67	Mrs. Ray C. Mowery 2901 - 20 Street Lubbock, Texas 79410	Linda M. Speech Scholarship Account No. 691-0240	500.00
2947 12/19/67	Mrs. Grace L. Allensworth 1714 Avenue X Lubbock, Texas	ICASALS and Museum Development Fund Account No. 391-2485	50.00
2948 12/19/67	Montgomery Motor Company 4101 Avenue Q Lubbock, Texas 79412	ICASALS and Museum Development Fund Account No. 391-2485	600.00
2949 12/19/67	Plains National Bank P. O. Box 271 Lubbock, Texas 79408 (Jim Ed Waller)	ICASALS and Museum Development Fund Account No. 391-2485	1,164.00
2950 12/19/67	Interfraternity Council c/o Rich Canup 209 Fields Bldg. 1946 Avenue Q Lubbock, Texas	Interfraternity Council Scholarship	110.00

<u>No. and Date</u>	<u>Donor</u>	<u>Purpose</u>	<u>Amount</u>
2951 12/19/67	C. C. Perryman 2320 Eighth Street Lubbock, Texas 79401	C. C. Perryman Award in Engineering Graphics Dean of Engineering Cost of Education Grant Account No. 391-1430	\$ 200.00
2952 12/19/67	Mrs. Inez Carter 412 Combs-Worley Bldg. Pampa, Texas	Inez Carter Scholarships Account No. 391-6340	600.00
2953 12/19/67	E. E. Jordan 115 E. Rosemont Amarillo, Texas 79106	Judge E. E. Jordan Law School Loan Fund Account No. 531-0675	100.00
2954 12/19/67	J. D. Leftwich P. O. Box 559 Lubbock, Texas	ICASALS and Museum Development Fund Account No. 391-2485	1,500.00
2955 12/19/67	West Texas Compress & Warehouse Company P. O. Drawer 1680 Lubbock, Texas 79408	ICASALS and Museum Development Fund Account No. 391-2485	15,000.00
2956 12/21/67	Sandra Jean Pennington 2116 - 15 Street, Apt. C Lubbock, Texas 79403	Art Cost of Education Account No. 391-1100	1.00
2957 12/21/67	R. B. Ferrier 1511 Avenue V, Apt. 5 Lubbock, Texas 79401	Art Cost of Education Account No. 391-1100	24.00
2958 12/21/67	Rex Wheatley Rose P. O. Box 1382	Art Cost of Education Account No. 391-1100	48.00
2959 12/21/67	Howard Welborn 4504 - 48 Street Lubbock, Texas 79414	Art Cost of Education Account No. 391-1100	77.00
2960 12/21/67	Ethel Jane Beitler 2218 - 48 Street Lubbock, Texas	Art Cost of Education Account No. 391-1100	10.00
2961 12/21/67	R. B. Ferrier 1511 Avenue V, Apt. 5 Lubbock, Texas 79401	Art Cost of Education Account No. 391-1100	1.00
2962 12/21/67	Barry Phillips 2402 Avenue T Lubbock, Texas 79411	Art Cost of Education Account No. 391-1100	5.40

<u>No. and Date</u>	<u>Donor</u>	<u>Purpose</u>	<u>Amount</u>
2963 12/21/67	Marianna Butler Texas Tech College 156 Chitwood Lubbock, Texas	Art Cost of Education Account No. 391-1100	\$ 3.60
2964 12/21/67	Lawrence Lunsford 2202 - 15 Street, #10 Lubbock, Texas	Art Cost of Education Account No. 391-1100	26.00
2965 12/21/67	Alice L. Stubbs 2515 - 70 Street Lubbock, Texas 79413	Art Cost of Education Account No. 391-1100	37.00
2966 12/21/67	Rod Parkinson 5605 Geneva Lubbock, Texas 79413	Art Cost of Education Account No. 391-1100	7.00
2967 12/21/67	Penny L. Howell 2113 - 53 Street Lubbock, Texas 79413	Art Cost of Education Account No. 391-1100	50.00
2968 12/21/67	Aladdin Carpet Cleaning Service 2001 - 38 Street Lubbock, Texas 79412	Art Cost of Education Account No. 391-1100	20.00
2969 12/21/67	Mary Sue Kelly c/o Department of Art Campus	Art Cost of Education Account No. 391-1100	1.00
2970 12/21/67	Michael Craft c/o Department of Art Campus	Art Cost of Education Account No. 391-1100	10.00
2971 12/21/67	Randy Miller c/o Department of Art Campus	Art Cost of Education Account No. 391-1100	6.00
2972 12/21/67	Charles Robinson c/o Department of Art Campus	Art Cost of Education Account No. 391-1100	2.00
2973 12/21/67	Steve Andrews c/o Department of Art Campus	Art Cost of Education Account No. 391-1100	4.50
2974 12/21/67	Flea Market c/o Art Department Campus	Art Cost of Education Account No. 391-1100	293.50

<u>No. and Date</u>	<u>Donor</u>	<u>Purpose</u>	<u>Amount</u>
2975 12/21/67	John E. Binnion 5420 - 16 Place Lubbock, Texas 79416	Business Education and Secretarial Administration Scholarship	\$ 500.00
2976 12/21/67	Frito-Lay Foundation, Inc. 301 Frito-Lay Building P. O. Box 35034 Dallas, Texas 75235 (Dr. Fladger Tannery)	ICASALS and Museum Development Fund Account No. 391-2485	1,000.00
2977 12/28/67	Brownfield State Bank and Trust Company Brownfield, Texas (J. O. Gillham)	Brownfield State Bank and Trust Company Scholarships Account No. 391-6240	900.00
2978 12/28/67	Pepsi-Cola Company 500 Park Avenue New York, New York 10022	ICASALS and Museum Development Fund Account No. 391-2485	1,000.00
2979 12/28/67	Halsell Cattle Company Amherst, Texas 79312	ICASALS and Museum Development Fund (Ranch Complex) Account No. 391-2485	100.00
2980 12/28/67	Lubbock National Bank Lubbock, Texas	Institutional Planning and Development Fund Account No. 991-0090	1,500.00
2981 12/28/67	Anthony Mechanical, Inc. Post Office Box 745 Lubbock, Texas 79408	Fund for Institutional Planning and Development Account No. 991-0090	100.00
2982 12/28/67	Phillips Petroleum Company Bartlesville, Okla. 74003	General Unrestricted Gifts and Grants Account No. 391-2650	20.00
2983 12/28/67	Mr. and Mrs. Mark B. Creed 2610 Ridge Road Lubbock, Texas 79403	Ned Creed Memorial Fund Account No. 691-0251	45.00
2984 12/30/67	R. S. Tapp & Company Box 751 Lubbock, Texas 79408	Institutional Planning and Development Account No. 991-0090	500.00
2985 12/30/67	W. B. and Mozelle Rushing Foundation Briercroft Office Park Lubbock, Texas 79412	Institutional Planning and Development Account No. 991-0090	100.00

<u>No. and Date</u>	<u>Donor</u>	<u>Purpose</u>	<u>Amount</u>
2986 12/30/67	Helen DeVitt Jones P. O. Box 724 Lubbock, Texas 79408	ICASALS and Museum Development Program Account No. 391-2485	\$60,000.00
2987 12/30/67	Anonymous		50,000.00
2988 12/30/67	Mina W. Lamb Box 4096, Tech Station Lubbock, Texas 79409	ICASALS and Museum Development Program Account No. 391-2485	1,000.00
2989 12/30/67	Ilse H. Wolf Tech Station, Box 4394 Lubbock, Texas 79409	ICASALS and Museum Development Program Account No. 391-2485	1,000.00
2990 12/30/67	Mr. and Mrs. Mark B. Creed 2610 Ridge Road Lubbock, Texas	Ned Creed Memorial Fund Account No. 691-0255	300.00
2991 12/30/67	Mrs. Caleta M. Allen 646 West Beverly Blvd. Whittier, California	ICASALS	1,000.00
2992 12/30/67	J. E. Waller P. O. Box 271 Lubbock, Texas 79408	Institutional Planning and Development Fund Account No. 991-0090	500.00
2993 12/30/67	Mrs. L. M. Waters Route #4 Brownfield, Texas	Speech Clinic Account No. 391-1230	5.00
2994	VOID		
2995 12/30/67	Don Belding 1691 Alta Mura Road Pacific Palisades, California 90272	Don Belding International Grant-in-Aid Fund Account No. 391-1325	1,000.00
2996 12/30/67	E. R. Edwards 3012 - 32 Street Lubbock, Texas 79410	ICASALS and Museum Development Fund Account No. 391-2485	1,000.00
2997 12/30/67	Sellie Shine 4404 - 17 Street Lubbock, Texas 79416	ICASALS and Museum Development Fund Account No. 391-2485	25.00

<u>No. and Date</u>	<u>Donor</u>	<u>Purpose</u>	<u>Amount</u>
2998 12/30/67	Louise Buenger Robbert 6115 Louisville Drive Lubbock, Texas 79413	ICASALS and Museum Development Fund Account No. 391-2485	\$ 25.00
2999 12/30/67	J. F. Maddox Box 920 Hobbs, New Mexico	ICASALS and Museum Development Fund Account No. 391-2485	1,000.00
3000 12/30/67	Bigham Industrial and Gin Supply, Inc. 502 Avenue L Lubbock, Texas	ICASALS and Museum Development Fund Account No. 391-2485	50.00
3001 12/30/67	Wayne C. Sellers P. O. Box 302 Palestine, Texas 75801	Doc Sellers Scholarship Account No. 391-8120	250.00
3002 12/30/67	H. W. Croskary 315 South Maple Avenue Millard, Nebraska 68137	Lisa Ann Packard Memorial Scholarship Account No. 391-7785	15.00
3003 12/30/67	Ralph Riddel Post Office Box 1241 Lubbock, Texas 79408	ICASALS and Museum Development Fund Account No. 391-2485	500.00
3004 1/5/68	Dr. William Long 4514 West 16 Street Lubbock, Texas 79416	ICASALS and Museum Development Fund Account No. 391-2485	100.00
3005 1/5/68	Mrs. Roscoe Wilson 4710 - 21 Street Lubbock, Texas 79407	Institutional Planning and and Development Fund Account No. 991-0090	500.00
3006 1/5/68	Bill Collins 3114 - 22 Street Lubbock, Texas	Library Enrichment Fund Account No. 391-2055	100.00
3007 1/5/68	George A. Whetstone Civil Engineering Dept. Texas Tech Lubbock, Texas 79409	Library Enrichment Fund Account No. 391-2055	10.00
3008 1/5/68	Robert J. Salem, M. D. 3801 - 19 Street Lubbock, Texas 79410	R. C. Goodwin Premedical Scholarship Fund Account No. 691-0153	300.00
3009 1/5/68	Dunigan Tool & Supply Co. Post Office Box 1641 Abilene, Texas	Research Account No. 391-3430	2,773.63

<u>No. and Date</u>	<u>Donor</u>	<u>Purpose</u>	<u>Amount</u>
3010 1/5/68	Renderbrook-Spade Ranch 1107½ Avenue K Lubbock, Texas 79401	Research Account No. 391-3431	\$ 838.11
3011 1/5/68	Ilse H. Wolf Tech Station, Box 4394 Lubbock, Texas 79409	Dean Tinsley Portrait Fund Account No. 391-2689	10.00
3012 1/5/68	Joy Beth Parnell 3408 - 40 Street Lubbock, Texas 79413	Dean Tinsley Portrait Fund Account No. 391-2689	5.00
3013 1/5/68	Southwestern Public Service Company Post Office Box 631 Lubbock, Texas 79408	Journalism Cost of Education Grant Account No. 391-1175	39.31
3014 1/5/68	Southwestern Bell Telephone Company 1405 Main Street Lubbock, Texas	Journalism Cost of Education Grant Account No. 391-1175	39.31
3015 1/5/68	Pioneer Natural Gas Company 1003 Texas Avenue Lubbock, Texas	Journalism Cost of Education Grant Account No. 391-1175	39.31
3016 1/5/68	William Randolph Hearst Foundation 959 Eighth Avenue New York, New York 10019	Journalism Cost of Education Grant Account No. 391-1175	50.00
3017 1/5/68	Dr. S. C. Arnett, Jr. 2609 - 19 Street Lubbock, Texas	Clabber Hill Ranch Scholarship Account No. 391-6430	400.00
3018 1/5/68	Sam C. Arnett III 806 Avenue J Lubbock, Texas 79401	Clabber Hill Ranch Scholarship Account No. 391-6430	200.00
3019 1/5/68	Estate of Ethel R. Foster c/o Mrs. Fay M. Hildebrand Sterling City, Texas 76951	Ethel Foster Scholarship Fund in Home Economics Account No. 391-6800	1,000.00
3020 1/5/68	Tracor, Inc. 6500 Tracor Lane Austin, Texas 78721	Chemical Engineering Cost of Education Account No. 391-1415	200.00
3021 1/5/68	Stiles, Roberts & Messersmith 3307 Avenue X Lubbock, Texas 79412	ICASALS and Museum Development Fund Account No. 391-2485	600.00



<u>No. and Date</u>	<u>Donor</u>	<u>Purpose</u>	<u>Amount</u>
3022 1/5/68	Rodrick L. Shaw 2309 - 53 Street Lubbock, Texas	Judge Victor H. Lindsey Loan Fund Account No. 531-0677	\$ 30.00
3023 1/8/68	Gordon Fuller 2304 - 57 Lubbock, Texas 79412	Emmett Hazlewood Scholarship Fund Account No. 691-0155	100.00
3024 1/8/68	Mrs. R. T. Roberts 3213 - 38 Street Lubbock, Texas 79413	Emmett Hazlewood Scholarship Fund Account No. 691-0155	50.00
3025 1/8/68	Miss Edna Graham 5400 Laurel Lake Drive Waco, Texas 76710	Emmett Hazlewood Scholarship Fund Account No. 691-0155	10.00
3026 1/8/68	Vlasta Dalrymple 6010 Vernon Avenue Lubbock, Texas 79412	Emmett Hazlewood Scholarship Fund Account No. 691-0155	10.00
3027 1/8/68	Mrs. Robert Riker 605 North 20 Street Lamesa, Texas	W. M. Yates Scholarship-- \$50.00; Account No. 391-9000 M. D. Short Scholarship-- \$50.00; Account No. 391-8180	100.00
3028 1/8/68	Mrs. Mollie Yates Lamesa, Texas	W. M. Yates Scholarship Account No. 391-9000	100.00
3029 1/8/68	Mrs. William R. Taylor Lamesa, Texas	W. M. Yates Scholarship Account No. 391-9000	25.00
3030 1/8/68	Dr. J. G. Morris 1312 Main Street Lubbock, Texas	ICASALS and Museum Development Fund Account No. 391-2485	100.00
3031 1/8/68	Pinkies, Inc. Post Office Box 2067 Lubbock, Texas	ICASALS and Museum Development Fund Account No. 391-2485	140.00
3032 1/8/68	Southwestern Bell Telephone Co. c/o Mr. John Whitcomb Division Manager 2010 Avenue R Lubbock, Texas	ICASALS and Museum Development Fund Account No. 391-2485	20,000.00
3033 1/12/68	Unclaimed Freight of Lubbock 520 - 13 Street Lubbock, Texas 79401	ICASALS and Museum Development Fund Account No. 391-2485	5.00

<u>No. and Date</u>	<u>Donor</u>	<u>Purpose</u>	<u>Amount</u>
3034 1/12/68	Sport Center, Inc. 1602 - 13 Street Lubbock, Texas	ICASALS and Museum Development Fund Account No. 391-2485	\$ 100.00
3035 1/12/68	Sound Photo Equipment Company 2107 Broadway Lubbock, Texas	ICASALS and Museum Development Fund Account No. 391-2485	100.00
3036 1/12/68	Alderson Cadillac Company P. O. Box 1768 Lubbock, Texas 79408 (W. E. Alderson)	ICASALS and Museum Development Fund Account No. 391-2485	1,000.00
3037 1/12/68	First National Bank Post Office Box 1241 Lubbock, Texas 79408	ICASALS and Museum Development Fund Account No. 391-2485	6,684.00
3038 1/12/68	Medical Professional X-Ray Department 3801 - 19 Street Lubbock, Texas (Dr. Howard R. Hancock)	ICASALS and Museum Development Fund Account No. 391-2485	100.00
3039 1/12/68	University Village Apartments 3102 Fourth Street Lubbock, Texas 79415	ICASALS and Museum Development Fund Account No. 391-2485	100.00
3040 1/12/68	Tech Village Apartments 2902 Third Place Lubbock, Texas 79415	ICASALS and Museum Development Fund Account No. 391-2485	100.00
3041 1/12/68	Pepsico, Inc. 500 Park Avenue New York, New York 10022 (Dr. Fladger F. Tannery)	Fund for Institutional Planning and Development Account No. 991-0090	500.00
3042 1/12/68	Benton Oil Company P. O. Box 31 Lubbock, Texas	Fund for Institutional Planning and Development Account No. 991-0090	50.00
3043 1/12/68	Ennis E. Moss, Jr., M. D. 4020 - 21 Street, Suite 3 Lubbock, Texas	R. C. Goodwin Premedical Scholarship Fund Account No. 691-0153	25.00
3044 1/12/68	Dr. R. Maurice Hood 3100 Red River Austin, Texas	R. C. Goodwin Premedical Scholarship Fund Account No. 691-0153	10.00

<u>No. and Date</u>	<u>Donor</u>	<u>Purpose</u>	<u>Amount</u>
3045 1/12/68	Diane K. Driver 3508 - 45 Street Lubbock, Texas	Speech Clinic Account No. 391-1230	\$ 20.00
3046 1/12/68	Mrs. Harmon Jenkins 3216 - 46 Street Lubbock, Texas	Library Enrichment Fund Account No. 391-2055	25.00
3047 1/12/68	National Interfraternity Conference, Inc. 271 Madison Avenue New York, New York 10016	Library Enrichment Fund Account No. 391-2055	50.00
3048 1/12/68	E. R. Heineman 3015 - 21 Street Lubbock, Texas 79410	Emmett Hazlewood Scholarship Fund Account No. 691-0155	100.00
3049 1/12/68	Mrs. Bill Pfluger 2657 Harvard San Angelo, Texas	Dean Tinsley Portrait Fund Account No. 391-2689	5.00
3050 1/12/68	Billie F. Williamson 2400 - 44 Street, Apt. 128 Lubbock, Texas 79412	Dean Tinsley Portrait Fund Account No. 391-2689	25.00
3051 1/12/68	Mrs. J. G. Keyes 2217 - 31 Street Lubbock, Texas 79411	Dean Tinsley Portrait Fund Account No. 391-2689	5.00
3052 1/12/68	Ben H. Carpenter 1921 Southland Center Dallas, Texas 75215	Foundation Special Fund Account No. 991-0060	25.00
3053 1/12/68	Ralph N. Hooks P. O. Box 34 Abilene, Texas 79604	Fund for Institutional Planning and Development Account No. 991-0090	500.00
3054 1/12/68	Hector Mackay 6012 Avenue V Lubbock, Texas 79412	Foundation Operating Fund Account No. 991-0050	50.00
3055 1/16/68	Home Economics Staff Texas Technological College Lubbock, Texas	Dean Tinsley Portrait Fund Account No. 391-2689	18.00
3056 1/16/68	Betty R. Moxley 2801 Slide Road, Apt. 17 Lubbock, Texas 79407	ICASALS and Museum Development Fund Account No. 391-2485	50.00

<u>No. and Date</u>	<u>Donor</u>	<u>Purpose</u>	<u>Amount</u>
3057 1/16/68	Varsity Village Apartments 3002 Fourth Street Lubbock, Texas 79415	ICASALS and Museum Development Fund Account No. 391-2485	\$ 100.00
3058 1/16/68	Martronics, Inc. 12808 Coit Road Dallas, Texas 75230	Dean of Engineering Cost of Education Account No. 391-1430	350.00
3059 1/16/68	Delta Kappa Gamma c/o Miss Gladys Parker 3123 Travis Avenue Fort Worth, Texas 76110	Thompson-Davis Scholarship for Spring Semester 1968 Recipient: Rosemary Pledger	500.00
3060 1/16/68	Institutional Directories, Inc. P. O. Box 283 Lubbock, Texas 79408 (James O. Tinsley, Jr.)	Division of Information Services Operating Fund Account No. 391-2630	2,000.00
3061 1/16/68	Joe H. and Mary Lee Bryant Foundation P. O. Box 1508 Lubbock, Texas 79408	Bryant Foundation Scholarship for Spring Semester 1968 Recipient: Donna Espy Misc. Nonrecurring Scholarships Account No. 991-2940	152.00
3062 1/16/68	Carl F. Brown, Jr., D.D.S. 1910 Knoxville, Suite 321 Lubbock, Texas 79410	ICASALS and Museum Development Fund Account No. 391-2485	25.00
3063 1/16/68	Crenshaw, Dupree and Milam P. O. Box 1499 Lubbock, Texas	ICASALS and Museum Development Fund Account No. 391-2485	500.00
3064 1/16/68	Frank W. Hudgins, M. D. 3801 - 19 Street Lubbock, Texas	R. C. Goodwin Premedical Scholarship Account No. 691-0153	30.00
3065 1/16/68	Joe Arrington, Jr., M. D. 1907 Avenue Q Lubbock, Texas 79405	R. C. Goodwin Premedical Scholarship Fund Account No. 691-0153	100.00
3066 1/16/68	Johnson Reprint Corporation 111 Fifth Avenue New York, New York 10003	Friends of the Library for the Library Enrichment Fund Account No. 391-2055	40.00
3067 1/17/68	Frank Moore 1400 West Seventh Plainview, Texas 79072	West Texas Water Institute Account No. 391-1085	10.00

<u>No. and Date</u>	<u>Donor</u>	<u>Purpose</u>	<u>Amount</u>
3068 1/17/68	Dr. J. R. Johnston SWC-ARS-USDA Bushland, Texas 79012	West Texas Water Institute Account No. 391-1085	\$ 10.00
3069 1/17/68	Industrial Development Corp. of Lea County P. O. Box 1376 Hobbs, New Mexico (Donald L. Garey)	West Texas Water Institute Account No. 391-1085	10.00
3070	VOID		
3071 1/18/68	Pioneer Sorghum Company Box 788 Plainview, Texas 79073 (Mr. Wayne Byerly)	West Texas Water Institute Account No. 391-1085	25.00
3072 1/18/68	Gifford-Hill-Western P. O. Box 948 Lubbock, Texas	West Texas Water Institute Account No. 391-1085	25.00
3073 1/18/68	Red Bluff Water Power 111 West Second Street Pecos, Texas 79772	West Texas Water Institute Account No. 391-1085	25.00
3074 1/18/68	Grain Sorghum Producers 322 Petroleum Building Amarillo, Texas 79101	West Texas Water Institute Account No. 391-1085	25.00
3075 1/18/68	Jerry J. Fletcher 2822 - 62 Street Lubbock, Texas 79413	West Texas Water Institute Account No. 391-1085	10.00
3076 1/18/68	W. B. Tilson Route 2 Plainview, Texas 79072	West Texas Water Institute Account No. 391-1085	10.00
3077 1/18/68	Rob and Bessie Welder Wildlife Foundation Sinton, Texas (Dr. Clarence Cottam)	Welder Wildlife Foundation Coop Research in Range Mgt. Account No. 391-8760	2,800.00
3078 1/18/68	R. C. Baker Foundation P. O. Box 2274, Terminal Annex Los Angeles, California 90054 (Mr. M. A. Grace, Asst. Sec.)	R. C. Baker Scholarship \$1,200--Account No. 391-6140 Dean of Engineering Cost of Education \$400--Account No. 391-1430	1,600.00

<u>No. and Date</u>	<u>Donor</u>	<u>Purpose</u>	<u>Amount</u>
3079 1/18/68	Dr. Ilse H. Wolf Tech Station, Box 4394 Lubbock, Texas 79409	Library Enrichment Fund Memorial gift honoring Douglas Stoots Account No. 391-2055	\$ 10.00
3080 1/18/68	Elizabeth T. Feazel Lone Jack, Missouri	Ned Creed Memorial Fund Account No. 691-0251	50.00
3081 1/18/68	Eunice C. Mowery 2901 - 20 Street Lubbock, Texas 79410	Linda M. Speech Scholarship Fund--in memory of Mr. Fred Mowery Account No. 691-0240	15.00
3082 1/18/68	W. G. McMillan Construction Company, Inc. Box 1447 Lubbock, Texas 79408	ICASALS and Museum Development Fund Account No. 391-2485	333.33
3083 1/18/68	Mrs. Bill Crume 4601 - 23 Street Lubbock, Texas 79407	Dean Tinsley Portrait Fund Account No. 391-2689	3.00
3084 1/18/68	Mrs. E. W. Brown Route 5, Box 19 Lubbock, Texas 79410	Dean Tinsley Portrait Fund Account No. 391-2689	5.00
3085 1/18/68	The Lubbock Woman's Study Club Foundation, Inc. c/o Mrs. E. H. Boedeker 1930 Slide Road Lubbock, Texas	Christine DeVitt Scholarship Account No. 391-6550	125.00
3086 1/18/68	Houston Livestock Show and Rodeo P. O. Box 20070 Houston, Texas 77025 (E. C. Dick Weekley, General Manager)	Scholarships for spring semester 1968--Recipients: Michael Schubert, Dwight Lee Pittman, Calvin Brints, and Dennis Thompson Misc. Schol.--Nonrecurring Account No. 991-2940	1,000.00
3087 1/19/68	Delta Kappa Gamma Alpha Sigma Chapter c/o Mrs. Mary F. Rowlette Route 3, Box 441 Lubbock, Texas 79401	Delta Kappa Gamma Scholarship for Spring 1968--Recipient: Mary Lynn Anderson Nonrecurring Misc. Scholarships Account No. 991-2940	50.00

<u>No. and Date</u>	<u>Donor</u>	<u>Purpose</u>	<u>Amount</u>
3088 1/22/68	Joseph E. Seagram & Sons, Inc. Executive Offices 375 Park Avenue New York, New York 10022	Unrestricted gifts and grants match gift of Joe M. Morris Account No. 391-2650	\$ 34.00
3089 1/22/68	Hogg Foundation for Mental Health University of Texas Austin, Texas	Tech Union Leadership Board Training Program Account No. 391-2683	1,060.00
3090 1/22/68	Westerburg, Farley & Co., Armstrong Warehouse Bldg. Lubbock, Texas 79408	ICASALS and Museum Development Fund Account No. 391-2485	250.00
3091 1/22/68	Smith Theatres 105 College Avenue Lubbock, Texas	ICASALS and Museum Development Fund Account No. 391-2485	70.00
3092 1/22/68	Mrs. Charles Foree 4307 - 29 Street Lubbock, Texas 79410	Dean Tinsley Portrait Fund Account No. 391-2689	5.00
3093 1/22/68	Lubbock Mortgage Bankers Association P. O. Box 875 Lubbock, Texas 79408	Lubbock Mortgage Bankers Association	250.00



Board Minutes  
February 10, 1968  
Attachment No. 7  
Account No. 391-3547

MEMORANDUM OF AGREEMENT  
between  
PLAINS COOPERATIVE OIL MILL, LUBBOCK, TEXAS  
and  
DEPARTMENT OF ANIMAL HUSBANDRY  
TEXAS TECHNOLOGICAL COLLEGE  
LUBBOCK, TEXAS

The Plains Cooperative Oil Mill, Lubbock, Texas, desires to make a grant of funds to the Department of Animal Husbandry, Texas Technological College, for the purpose of supporting a research study of the utilization of castorbean meal in fattening rations for cattle.

The Plains Cooperative Oil Mill and Texas Technological College mutually agree as follows:

1. The Plains Cooperative Oil Mill, Lubbock, Texas, agrees to provide the sum of \$2,400 (twenty-four hundred dollars), 7,500 lb. of cottonseed meal, 7,600 lb. of the 1:200 dilution castorbean meal, 10,000 lb. of the 1:10 production castorbean meal, and 1,900 lb. of soybean meal, to be used in a research study designed to determine the utilization of castorbean meal in livestock rations. These funds will be deposited with Texas Technological College upon initiation of this project (December 1, 1967). The check should be made payable to the Texas Technological College, Lubbock, Texas and forwarded to this institution.
2. The Texas Technological College will keep this fund separate and expend it as needed for expenses in connection with the conduct of this research study.
3. The conduct, supervision, and analysis of data of this study is the responsibility of the project leader.
4. The Plains Cooperative Oil Mill reserves the right to review the results of the investigation supported by this grant at anytime it deems desirable prior to publication of the results.
5. The Department of Animal Husbandry reserves the right to publish the results of the investigations supported by this grant as it may deem desirable in the public interest and as soon as practical after completion of the study.
6. Any advertising referring to the results of these investigations shall be so worded as not to imply the endorsement of any product or producer by the Texas Technological College.
7. This agreement will be effective during the period of December 1, 1967 to May 1, 1968. Should it appear that additional funds are needed for further study, this agreement may be renewed upon the written consent of both parties. It is understood that final acceptance of this grant

- C O P Y

TEXAS TECHNOLOGICAL COLLEGE  
Mexican-American Teacher Education Program  
Professional Fee of \$15.00 Each for Certain Individuals  
for Services Rendered on November 8-9, 1967  
All to Be Paid from Account No. 391-3178, Item No. 8

<u>Name and Address</u>	<u>Name and Address</u>	<u>Name and Address</u>
Mr. Eduardo Barrera Pan American College Edinburg, Texas	Mrs. Nancy Kruger Route 1, Box 406A Mission, Texas	Mrs. Lillian Pratt 620 Orange McAllen, Texas
Mrs. Deane R. Burks 1212 LaVista McAllen, Texas	Mrs. Olivia Lopez 1120 South Fifth Edinburg, Texas	Mrs. Kate Richards Box 4 Hargill, Texas
Mr. Ramiro Corona 904 West Schunior Edinburg, Texas	Mrs. Cynthia Love 611 Jackson Avenue McAllen, Texas	Mr. Eutiquio Rivas Post Office Box 67 Mission, Texas
Miss Betty Davenport 1400 Pecan, Apt. 23 McAllen, Texas	Mrs. Elisa Lozano 2617 North 7½ Street McAllen, Texas	Mr. Eloy Salazar 208 South Seventh St. Donna, Texas
Mrs. Gladys Dollins Edinburg Public Schools Edinburg, Texas	Miss Socarro Lujan 1413 Gardenia McAllen, Texas	Mr. Thomas Simmons Pan American College Edinburg, Texas
Miss Esther Esparza 811 South 16 Street Edinburg, Texas	Miss Joila Martinez 2905 Royal Palm Circle McAllen, Texas	Miss Linda Skow 2120 North 13 Street McAllen, Texas
Miss Inez Fagala 219 Orange McAllen, Texas	Mrs. Irene Morgan 1220 Kerria McAllen, Texas	Mrs. Mollie Thomas 2217 Whitewing McAllen, Texas
Mrs. Tina Gonzales 304 Nyssa McAllen, Texas	Mrs. Jeanette Nowling 109 East Park Pharr, Texas	Miss Melanie Trevino 512 Vine McAllen, Texas
Miss Elva Gonzalez 2208 Ivy McAllen, Texas	Mrs. Patricia Olson 1813 North 13 McAllen, Texas	Miss Graciela Vallejo 1213 Kerria McAllen, Texas
Mrs. Helen Greene 310 Daffodil McAllen, Texas	Mrs. Elizabeth Patton 500 Rose Ellen McAllen, Texas	Mrs. Emma B. Vela Route 2, Box 293A Edinburg, Texas
Mrs. Enedina Guerra 1109 South 13 Edinburg, Texas	Mrs. Mary Pennington 2020 Highland McAllen, Texas	Mrs. Mary Wilder 421 Highland McAllen, Texas
Mr. Eduardo J. Hinojosa Edinburg Jr. High School Edinburg, Texas	Miss Eustalia Perez 603 East Sprague Edinburg, Texas	

Board Minutes  
February 10, 1968  
Attachment No. 9

MEMORANDUM

Texas Technological College  
Lubbock, Texas

from  
Office of the Vice President  
for Business Affairs

To: Mr. J. Roy Wells

Date: January 4, 1968

Subject: DOCKET ITEM

Will you please include an item in the agenda for the Board of Directors to approve a contract award in the amount of \$38,240 to Amco Electric Company of Lubbock, for the electrical utilities extension to the Textile Chemical Research Laboratory.

In keeping with the instructions from the Board of Directors to proceed as rapidly as possible, a contract award was made to Amco Electric Company on December 20, 1967, in order that some of the work could be done during the Christmas holidays. Otherwise, it would have been necessary to close down a good bit of the College to make adjustments in the electrical system.

The bids were opened and publicly read aloud on December 20, 1967, in Room 120 of the Administration Building at 4 p.m. in the presence of ten interested persons. The plans and specifications were prepared by Zumwalt & Vinther in keeping with the authorization of the Board of Directors. The plans, specifications and bids were checked by Zumwalt & Vinther, the College staff, the Campus Planning Committee, and the award was approved by President Murray.

The contract is being forwarded to Mr. Furr for his signature, and all copies will be returned to you to attest.

A copy of the bid tabulation is attached.

/s/ M.L.P.

M. L. Pennington  
Vice President for  
Business Affairs

MLP:g

cc: President Grover E. Murray  
Mr. John G. Taylor  
Mr. R. B. Price  
Mr. O. R. Downing  
Miss Jerry Kirkwood

Enclosure

C O P Y

Board Minutes  
February 10, 1968  
Attachment No. 10

TEXTILE UTILITY EXTENSION  
TEXAS TECHNOLOGICAL COLLEGE

CHEMISTRY RESEARCH LABORATORY

B I D T A B U L A T I O N

December 20, 1967

CONTRACTOR	BASE BID	BID BOND	ACKNOWLEDGE ADDENDA #1
(1) AMCO ELECTRIC CO.	\$38,240.00	X	X
(2) CLARK ELECTRIC CO.	\$38,680.00	X	X
(3) NELSON ELECTRIC CO.	\$44,212.00	X	X

- (1) Under "Information to Bidders" we take exception to paragraph 9 requiring completion of the entire project by February 15, 1968 in that delivery for the high voltage switches is 12 to 16 weeks. The remainder of the project can be completed in the specified time.
- (2) Note: We take exception to paragraph #9, "Information to Bidders," "Time of Completion and Liquidated Damages," in that promise of delivery for high voltage switchgear is twelve (12) to sixteen (16) weeks from date order is released.
- (3) We qualify our bid to the following extent. We cannot guarantee completion by Feb. 15, 1968 because of delivery of G & W switches.

C O P Y

Board Minutes  
February 10, 1968  
Attachment No. 11

HUD-4238-F  
(6-66)

### CONTRACT

THIS AGREEMENT, made this 21 day of December, 1967, by and between Board  
of Directors, Texas Technological College, herein called "Owner," acting  
herein through its Chairman, Roy Furr, and AMCO Electric Company  
STRIKE OUT (a corporation) (~~XXXXXXXXXXXXXX~~)  
INAPPLICABLE (~~XXXXXXXXXXXXXX~~ doing business as AMCO Electric  
TERMS Company)  
of Lubbock, County of Lubbock, and State of Texas, hereinafter called  
"Contractor".

WITNESSETH: That for and in consideration of the payments and agreements  
hereinafter mentioned, to be made and performed by the OWNER, the CONTRACTOR  
hereby agrees with the OWNER to commence and complete the construction  
described as follows:

Electrical Utilities Extensions Textile Chemistry Research Laboratory

hereinafter called the project, for the sum of Thirty-eight Thousand, Two  
Hundred Forty Dollars (\$ 38,240.00 ) and all extra work in connection there-  
with, under the terms as stated in the General and Special Conditions of the  
Contract; and at his (its or their) own proper cost and expense to furnish all  
the materials, supplies, machinery, equipment, tools, superintendence, labor,  
insurance, and other accessories and services necessary to complete the said  
project in accordance with the conditions and prices stated in the Proposal,  
the General Conditions, Supplemental General Conditions and Special Conditions  
of the Contract, the plans, which include all maps, plats, blue prints, and  
other drawings and printed or written explanatory matter thereof, the specifi-  
cations and contract documents therefor as prepared by ZUMWALT AND VINTHER,  
INC., herein entitled the Architect/Engineer, and as enumerated in Paragraph 1  
of the Supplemental General Conditions, all of which are made a part hereof and  
collectively evidence and constitute the contract.

The Contractor hereby agrees to commence work under this contract on or  
before a date to be specified in a written "Notice to Proceed" of the Owner, to  
essentially complete the work without the switchgear in 60 days, and to fully  
complete the project within 120 consecutive calendar days thereafter. The  
Contractor further agrees to pay, as liquidated damages, the sum of \$ 500.00  
for each consecutive calendar day thereafter as hereinafter provided in  
Paragraph 19 of the General Conditions. The liquidated damages shall date from  
each completion time, separately.

Board Minutes  
February 10, 1968  
Attachment No. 11  
Page 2

The OWNER agrees to pay the CONTRACTOR in current funds for the performance of the contract, subject to additions and deductions, as provided in the General Conditions of the Contract, and to make payments on account thereof as provided in Paragraph 25, "Payments to Contractor", of the General Conditions.

IN WITNESS WHEREOF, the parties to these presents have executed this contract in six (6) counterparts, each of which shall be deemed an original, in the year and day first above mentioned.

**(Seal)**  
**ATTEST:**

Texas Technological College  
(Owner)

/s/ J. Roy Wells  
(Secretary)

By /s/ Roy Furr  
Roy Furr

(Witness)

Chairman, Board of Directors  
(Title)

(Seal)

Amco Electric Company  
(Contractor)

/s/ Robert M. Lively  
(Secretary)

By /s/ B. A. Schmidt

/s/ Mary Pichitino  
(Witness)

Vice-President  
(Title)

Lubbock, Texas  
(Address)

NOTE: Secretary of the Owner should attest. If Contractor is a corporation, Secretary should attest.

C O P Y



Board Minutes  
February 10, 1968  
Attachment No. 12

TEXAS TECHNOLOGICAL COLLEGE  
P.O. Box 4610  
Lubbock, Texas 79409

Office of the Vice President  
for Business Affairs

December 19, 1967

Zumwalt & Vinther, Inc.  
Consulting Engineers  
2109 Avenue Q, Room 233  
Lubbock, Texas

Gentlemen:

Fluid Dynamics Laboratory

You are hereby authorized to perform the services described under the Design Phase of your contract with the Board of Directors, dated 23 December 1965, for the Construction of Tunnels and Utilities Extensions to the Fluid Dynamics Laboratory.

This authorization was made possible by the approval of the Board of Directors on December 9, 1967.

It is agreed that payment of fees for services described under the Design Phase will be made in accordance with the tabulation and other determining factors contained in your contract with the Board of Directors, dated 23 December 1965.

It is further agreed that all other obligations of both parties to the contract with the Board of Directors, dated 23 December 1965, will be applicable to this project under the Design Phase with the exception of the Preliminary Phase which has been completed by you and accepted by the Board of Directors on June 18, 1966.

Very sincerely yours,

/s/ M. L. Pennington

M. L. Pennington  
Vice President for  
Business Affairs

JK:m

C O P Y

Board Minutes  
February 10, 1968  
Attachment No. 13

TEXAS TECHNOLOGICAL COLLEGE  
P.O. Box 4610  
Lubbock, Texas 79409

Office of the Vice President  
for Business Affairs

December 19, 1967

Zumwalt & Vinther, Inc.  
Consulting Engineers  
2109 Avenue Q, Room 233  
Lubbock, Texas

Gentlemen:

Law School

You are hereby authorized to perform the services described under the Design Phase of your contract with the Board of Directors, dated 23 December 1965, for the Construction of Tunnels and Utilities Extensions to the Law School.

This authorization was made possible by the approval of the Board of Directors on December 9, 1967.

It is agreed that payment of fees for services described under the Design Phase will be made in accordance with the tabulation and other determining factors contained in your contract with the Board of Directors, dated 23 December 1965.

It is further agreed that all other obligations of both parties to the contract with the Board of Directors, dated 23 December 1965, will be applicable to this project under the Design Phase with the exception of the Preliminary Phase which has been completed by you and accepted by the Board of Directors on June 18, 1966.

Very sincerely yours,

/s/ M. L. Pennington

M. L. Pennington  
Vice President for  
Business Affairs

JK:m

C O P Y

Board Minutes  
February 10, 1968  
Attachment No. 14

TEXAS TECHNOLOGICAL COLLEGE  
P.O. Box 4610  
Lubbock, Texas 79409

Office of the Vice President  
for Business Affairs

December 19, 1967

Zumwalt & Vinther, Inc.  
Consulting Engineers  
2109 Avenue Q, Room 233  
Lubbock, Texas

Gentlemen:

Textile Chemical Research Laboratory

You are hereby authorized to perform the services described under the Design Phase of your contract with the Board of Directors, dated 23 December 1965, for the Construction of Tunnels and Utilities Extensions to the Textile Chemical Research Laboratory.

This authorization was made possible by the approval of the Board of Directors on December 9, 1967.

It is agreed that payment of fees for services described under the Design Phase will be made in accordance with the tabulation and other determining factors contained in your contract with the Board of Directors, dated 23 December 1965.

It is further agreed that all other obligations of both parties to the contract with the Board of Directors, dated 23 December 1965, will be applicable to this project under the Design Phase with the exception of the Preliminary Phase which has been completed by you and accepted by the Board of Directors on June 18, 1966.

Very sincerely yours,

/s/ M. L. Pennington

M. L. Pennington  
Vice President for  
Business Affairs

JK:m

C O P Y

Board Minutes  
February 10, 1968  
Attachment No. 15

TEXAS TECHNOLOGICAL COLLEGE  
P.O. Box 4610  
Lubbock, Texas 79409

Office of the Vice President  
for Business Affairs

December 19, 1967

Zumwalt & Vinther, Inc.  
Consulting Engineers  
2109 Avenue Q, Room 233  
Lubbock, Texas

Gentlemen:

Project No. 4-7-00078-0, 2-7-00078-0  
Chemistry Building Addition

You are hereby authorized to perform the services described under the Design Phase of your contract with the Board of Directors, dated 23 December 1965, for the Construction of Tunnels and Utilities Extensions to the Chemistry Building Addition.

This authorization was made possible by the approval of the Board of Directors on December 9, 1967.

It is agreed that payment of fees for services described under the Design Phase will be made in accordance with the tabulation and other determining factors contained in your contract with the Board of Directors, dated 23 December 1965.

It is further agreed that all other obligations of both parties to the contract with the Board of Directors, dated 23 December 1965, will be applicable to this project under the Design Phase with the exception of the Preliminary Phase which has been completed by you and accepted by the Board of Directors on June 18, 1966.

Very sincerely yours,

/s/ M. L. Pennington

M. L. Pennington  
Vice President for  
Business Affairs

JK:m

C O P Y

Board Minutes  
February 10, 1968  
Attachment No. 16

Texas Technological College  
Lubbock, Texas

MEMORANDUM  
from  
Office of the Vice President  
for Business Affairs

TO: Mr. J. Roy Wells

DATE: January 9, 1968

SUBJECT: DOCKET ITEM

Will you please include an item in the agenda for the Board of Directors to approve the award of a contract in the amount of \$2,092.25 to Bill J. Hood, Dirt and Paving Contractor of Lubbock, to provide 27 parking spaces for faculty and visitors across the street and west of the Speech Theater as recommended by the Traffic Committee, the amount to be paid from Prior Year Balances in the Parking and Traffic Service Account (280-1600).

The work includes site preparation, replacement of the gutter, curbing and paving.

The plans and specifications were prepared by the Grounds Maintenance Department, and all local contractors were invited to bid. Three contractors took the plans and specifications but only one bid. Bill Hood, Dirt and Paving Contractor, was the only bidder at a total cost of \$2,092.25. His unit prices were carefully checked and found to be in order. A copy of the bid tabulation is attached.

The additional parking spaces will help a very great deal to solve a very bad problem.

/s/ M.L.P.

M. L. Pennington  
Vice President for  
Business Affairs

MLP:g

Enclosure

cc: President Grover E. Murray  
Dean Lewis N. Jones  
Dr. James W. Kitchen  
Mr. O. R. Downing  
Mr. Frank Church  
Mr. John G. Taylor  
Mr. R. B. Price  
Miss Jerry Kirkwood

C O P Y

BID TABULATION

EXTENSION OF PARKING LOT  
WEST OF UNIVERSITY THEATER

CONTRACTOR	BID BOND	ITEM #1	ITEM #2	ITEM #3	ITEM #4	TOTAL BID
Bill Hood Construction	X	\$ 1.65 948.75	\$ 1.75 507.50	\$ 1.75 420.00	\$ 0.90 216.00	\$2,092.25
Walter Jarnigan Construction	No Bid					
J. T. Roberson Construction	No Bid					

Board Minutes  
February 10, 1968  
Attachment No. 18

STATE OF TEXAS       X  
                          X  
COUNTY OF LUBBOCK   X

THIS AGREEMENT made the 15th day of January, 1968 by and between the Department of Grounds Maintenance, Texas Technological College, Lubbock, Texas, acting herein by and through James W. Kitchen, Lubbock, Lubbock County, Texas, Director of Grounds Maintenance, hereinafter called the Owner, and Bill J. Hood Dirt & Paving Contractor, Lubbock, Lubbock County, Texas, hereinafter called the Contractor.

WITNESSETH, that the Owner and Contractor for the considerations hereinafter named agree as follows:

ARTICLE 1. SCOPE OF THE WORK - The Contractor shall furnish all labor, superintendence, materials, machinery, equipment and tools and shall perform all the work to construct an Extension of Parking Lot West of University Theater on the Texas Technological College Campus, as described in the specifications and as shown on the drawings and as noted in the Notice to Bidders form prepared by the Office of the Landscape Architect, Texas Technological College; all in accordance with the contract documents.

ARTICLE 2. CONTRACT SUM - The Owner shall pay the Contractor for full performance of the contract the sum per unit work done:

1. Pavement, including subgrading, 6 inch compact caliche base, including removal of existing surface and application of 1-1/2 inches Hot Mix Asphaltic Concrete Pavement, complete in place, per sq. yd. One Dollar and sixty-five cents. (\$1.65).
2. Concrete curb and gutter 24 inch width, complete in place, per lin. ft. One Dollar and seventy-five cents. (\$1.75).
3. Concrete valley gutter, 36 inch width, complete in place, per lin. ft. One Dollar and seventy-five cents. (\$1.75).
4. Removal of existing concrete curb and gutter, hauled from College Campus, per lin. ft. Ninety Cents. (\$0.90).

Based on quantities provided in the drawings and specifications, the estimated contract amount is Two Thousand Ninety-two and 25/100 Dollars (\$2,092.25) which sum consists of One Thousand Three Hundred Ninety-four and 83/100 Dollars for materials and Six Hundred Ninety-seven and 42/100 Dollars for Labor costs.

ARTICLE 3. COMPLETION OF THE CONTRACT - Work shall begin on January 15, 1968, weather and season permitting and shall continue uninterrupted as weather and season permits until completion.



ARTICLE 4. BOND - The Contractor shall provide to the Owner a performance bond in the amount of One Hundred (100) percent of the contract sum, without recourse, to the State of Texas, covering the faithful performance of the contract and payment of all obligations arising thereunder.

ARTICLE 5. ACCEPTANCE AND FINAL PAYMENT - The Owner shall, upon completion of the work, make such payment within Thirty (30) days after acceptance by the Owner as will be necessary to complete the total payment of the contract, provided that the contract be then fully performed.

ARTICLE 6. CONTRACT DOCUMENTS -

Drawings: One (1) sheet

Specifications:

Notice to Bidders	One (1) sheet
Proposal No. 1	Two (2) sheets
General Conditions of the Agreement	Five (5) sheets
Prevailing Wage Rates	Three (3) sheets
Details of Construction	Two (2) sheets

Technical Specifications:

Item Specifications	Four (4) sheets
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IN WITNESS WHEREOF, they have executed this agreement the day and year first above written.

Approved:

TEXAS TECHNOLOGICAL COLLEGE

/s/ M. L. Pennington  
M. L. Pennington, Vice President  
for Business Affairs

BY /s/ James W. Kitchen  
James W. Kitchen, Director  
Grounds Maintenance Department

BILL J. HOOD DIRT & PAVING CONTRACTOR

BY /s/ Bill J. Hood  
Owner

**SUBJECT: Extension of Option to Lease Warehouse Facilities**

**ATTEST:**

**ATTEST:**

/s/ Robert Evans  
Robert Evans, Amarillo Warehouse Mgr.

C O P Y

Board Minutes  
February 10, 1968  
Attachment No. 20  
Account No. 791-0815

Texas Technological College  
Lubbock, Texas

MEMORANDUM  
from  
Office of the Vice President  
for Business Affairs

TO: Mr. J. Roy Wells

DATE: January 2, 1968

SUBJECT:

DOCKET ITEM

Will you please include an item in the agenda for the Board of Directors to approve the following changes to the contract with the Anthony Company of Lubbock for the construction of the Central Heating and Cooling Plant:

DECREASES

EXHIBIT 1

Change pipe and weld fittings to standard weight 16" size and below on medium pressure systems and 24" down through 12" on low pressure systems; change all exhaust and relief piping on steam systems to standard weight pipe and fittings; change pipe and fittings to standard weight on all chilled water systems 30" size and below; change the boiler feedwater piping to extra strong schedule; change all plant water piping systems to standard weight black steel pipe and fittings.

\$37,500.00

EXHIBIT 2

Change cast steel valves in the high pressure and medium pressure steam systems from ring joint flanged ends to butt welding ends; eliminate two 30" butterfly valves along with their accessories on the chilled water system; change all air valves above 2" size to 150 pound bubble tight shut off neoprene seat butterfly valves; change chemical feed lines to the boilers, feedwater heater and cooling tower from stainless steel schedule 40 to black steel schedule 80; eliminate on all systems where specified orifice flange unions and substitute in their stead 150 pound companion flanges with pipe taps for meter connections; and eliminate the insulation on the surge tank.

\$32,000.00

EXHIBIT 3

Use field fabricated saddles in lieu of shaped nipples or welds, let's where branch connection stresses are not critical, i.e. chilled water and condenser water pump connections; connect chilled and condenser water pumps to their respective headers by victaulic couplings, using the coupling as a flexible connection to allow deletion of the expansion loops on the pump connections; delete the 48" chilled water headers, eliminate the 30" expansion loop and expansion joints and revise chilled piping so that it

comes straight into the plant with no offsets; revise the general routing of the turbine steam exhaust piping to be more direct; carry relief lines from pressure relief valves through the roof in a more convenient manner rather than manifolding all of these lines; reduce the size of the main steam exhaust head by including only the turbine steam exhaust lines in these lines to be served by this head; revise the condenser water piping to a more direct routing; and revise the boiler feedwater discharge piping from the boiler feedwater pumps, eliminating some vertical piping. \$79,000.00

ADDS

EXHIBIT 4

Backwash Diversion System  
Enlarge Concrete Waste Tank  
Booster Pumps for Deionizer Trains  
Combination Strainer - Sumps \$14,443.57

EXHIBIT 5

Air Lines to Boiler Observation Ports  
Emergency Generator & Compressor Exhaust  
6' Demineralizer Water Line to Surge Tank  
Shut Off Valves on Pressure Sensitive Devices  
Control Air to Carrier Controls 2,138.55

EXHIBIT 6

16" Pneumatic Butterfly Valve  
Temperature Transmitter in Chilled Water Supply  
16" Straightener Vanes  
CT Level Control Valve & Controller 3,449.34

EXHIBIT 7

Motor Control Center Accessories 1,168.40

EXHIBIT 8

8" Dump Line from FW Heater 450.33

EXHIBIT 9

Surge Tank Vent 466.79

EXHIBIT 10

4" Drain Line from FW Heater 353.92

EXHIBIT 11

6" Raw Water to Surge Tank \$ 484.12

EXHIBIT 12

Change Gas Train from 6" to 8" 543.78

EXHIBIT 13

Orifice Unions for Johnson's Meters 2,876.42

EXHIBIT 14

Straightening Vanes for Bailey Meters 318.47

EXHIBIT 15

Miscellaneous Lines on Pumps and Turbines 2,107.28

EXHIBIT 16

Run Lines from BF Discharge to Desuperheaters 707.50

EXHIBIT 17

Starter for Draft Fan 3,485.65

EXHIBIT 18

Miscellaneous Electrical Changes 1,986.15

DECREASES \$148,500.00

ADDS 34,980.27

NET DECREASES \$113,519.73

All changes have received very careful study by the project engineers, architects and College staff and have been found to be needed and the prices are in line.

/s/ M.L.P.

MLP:am

cc: Dr. Grover Murray  
Mr. John Taylor  
Mr. R. B. Price  
Mr. Ray Downing  
Miss Jerry Kirkwood  
Mr. John McCracken  
Mr. Howard Schmidt

M. L. Pennington  
Vice President for  
Business Affairs

C O P Y

Board Minutes  
February 10, 1968  
Attachment No. 21  
Account No. 391-4071

NATIONAL SCIENCE FOUNDATION  
Washington, D. C. 20550

Jan. 3, 1968

Dr. Grover E. Murray, President  
Texas Technological College  
Lubbock, Texas 79409

GB-7186  
Renewal of GB-5959

Dear Dr. Murray:

It is a pleasure to inform you that a grant of \$10,000 is awarded to Texas Technological College for the support of research entitled "Analysis of the Chin Glands of Gopherus Berlandieri." This research is to be under the direction of Francis L. Rose, Department of Biology. It is effective January 1, 1968, for a period of approximately two years.

The Foundation requires that this grant be administered in accordance with the conditions, policies, and procedures stated in "Grants for Scientific Research," June 1963 (as amended December 1963 and supplemented by Important Notice of January 24, 1966), Enclosures R-8 (Rev. 11/67), and the attached budget summary.

Please acknowledge acceptance of this grant under the above terms and include in your acknowledgment a reference to the grant number.

Sincerely yours,

/s/ John T. Wilson

John T. Wilson  
Deputy Director

Enclosures

C O P Y

Board Minutes  
February 10, 1968  
Attachment No. 22

TEXAS TECHNOLOGICAL COLLEGE  
Graduate Fellowships and/or Scholarships  
For the Fiscal Year 1967-1968

<u>Name</u>	<u>Department</u>	<u>Amount of Fellowship</u>	<u>Period of Award</u>
Miss Beverly Mary Matherne	Bus. Ed. & Sec. Adm.	\$ 300.00	Fall 1967
Mr. Roger Terry King	Finance	600.00	Fall 1967
Mr. Jerry Ned Hudson	Mechanical Engr.	700.00	1st & 2nd Sum. Terms
Miss Dorothy Ann Ettl	Clothing & Textiles	100.00	1st Sum. T.
Mrs. Lemmah May Perry	Clothing & Textiles	100.00	1st Sum. T.
Miss Pamela Kunishige	Clothing & Textiles	100.00	Spr. 1968
Miss Laura Ruth Lathrop	Clothing & Textiles	100.00	Spr. 1968
Mrs. Patricia Finley Lindley	Clothing & Textiles	100.00	Spr. 1968
Miss Eleanor R. Lester	Clothing & Textiles	100.00	1st or 2nd Sum. Term



TEXAS TECHNOLOGICAL COLLEGE  
Lubbock, Texas  
Purchase of Classroom Materials from Certain Faculty Members

<u>Name, Title and Department</u>	<u>Description</u>	<u>Amount</u>
Mr. John H. Baumgardner Professor of Animal Husbandry	338 - Principles of Livestock Feeding @ \$.30 each	\$ 101.40
Dr. Coleman A. O'Brien Associate Professor of Animal Husbandry	20 - Clinical Animal Breeding @ \$6.50 each less 20%	104.00
Mr. Francis B. Stephen Associate Professor of Art	11 Pr. Tweezers @ 25¢ ea. \$ 2.75 11 Pr. Chain Nose Pliers @ \$1.75 ea. 19.25 15 - ½ Round Files @ 30¢ ea. 4.50 12 - Round Files @ 30¢ ea. 3.60 6 - 1/4" Scotch Stones @ 20¢ ea. 1.20 6 - 1/8" Scotch Stones @ 15¢ ea. .90 5 - 3 oz. Bottles of Batterns Flux @ 50¢ ea. 2.50 24 Sheets Emery Paper @ 10¢ ea. 2.40	37.10
Dr. T. Earle Hamilton Professor of Classical and Romance Languages	15 - El Cardenal de Belen @ \$4.50 each less 20%	54.00
Mr. L. M. Graham Assistant Professor of Industrial Engineering	250 - Graphic Problems II @ \$3.00 each	750.00
Mr. George Philbrick Professor of Health, Physical Education and Recreation for Men	115 - Tennis Manuals @ \$2.00 each	230.00
Dr. Jesse Q. Sealey Professor of Biology	60 - Bacteriology Lab Manuals @ \$1.50 each less 20%	72.00
Dr. Herman B. Segrest Professor, Health, Physical Education and Recreation for Men	50 Golf Manuals @ \$1.75 each -- net	87.50

Board Minutes  
February 10, 1968  
Attachment No. 24

DEPARTMENT OF DEFENSE  
NEGOTIATED CONTRACT

1 July 1967

Third Change to  
Contract No. OSD-47-043 MEP-268

Modification No. A037

CONTRACTOR & ADDRESS: Texas Technological College  
Lubbock, Texas

Contract No. OSD-47-043 MEP- 268 , dated 1 July 1965, is amended to include the following allotment:

9780100.41    5    1951    2519    1    47043

REASON: Allotment to provide for payment of lesson service during Fiscal Year 1968.

All other terms and conditions of the original Department of Defense Contract No. OSD-47-043 MEP- 268 as amended remain unchanged.

THE UNITED STATES OF AMERICA

BY /s/ Dorothy L. Barnett  
DOROTHY L. BARNETT  
Contracting Officer  
United States Armed Forces Institute

C O P Y

Board Minutes  
February 10, 1968  
Attachment No. 25

DEPARTMENT OF DEFENSE  
NEGOTIATED CONTRACT

1 July 1967

First Change to  
Contract No. DAHC11-67-C-0037

Modification No. A082

CONTRACTOR & ADDRESS: Texas Technological College  
Lubbock, Texas

Contract No. DAHC11-67-C- 0037 , dated 1 July 1966, is amended to include the following allotment:

9780100.41 5 1951 2519 1 47043

REASON: Allotment to provide for payment of lesson service during Fiscal Year 1968.

All other terms and conditions of the original Department of Defense Contract No. DAHC11-67-C- 0037 as amended remain unchanged.

THE UNITED STATES OF AMERICA

BY /s/ Dorothy L. Barnett  
DOROTHY L. BARNETT  
Contracting Officer  
United States Armed Forces Institute

C O P Y

AMENDMENT TO CONTRACT

As provided in Paragraph No. 11, the first sentence in Paragraph No. 9 of the contract dated June 16, 1967, between B&M Vending Company hereinafter referred to as the "Vendor," and Texas Technological College, located at Lubbock, Texas, hereinafter called the "College," is amended December 9, 1967, to read as follows:

9. All cigarettes shall be sold for "forty cents" per pack and the College will receive "five and one-half cents" per pack sold.

The balance of Paragraph No. 9 and all other paragraphs and provisions of the contract will remain as originally written.

IN WITNESS WHEREOF, the parties hereto have executed this AMENDMENT TO CONTRACT at Lubbock, Texas, in triplicate, each of which shall be considered an original by their duly appointed officers, this the 10th day of January, 1968.

FOR THE VENDOR:

ATTEST:

B&M VENDING COMPANY

/s/ B. C. Hanks

By /s/ Eugene Roberts  
Manager

ATTEST:

BOARD OF DIRECTORS  
TEXAS TECHNOLOGICAL COLLEGE

/s/ J. Roy Wells

By /s/ Roy Furr  
Roy Furr, Chairman

Board Minutes  
February 10, 1968  
Attachment No. 27

AMENDMENT TO MEMORANDUM OF AGREEMENT

As provided by the Memorandum of Agreement dated August 20, 1966, between Williamson Washing Machine Supply Company, Inc., Lubbock, Texas, hereinafter referred to as the "Vendor," and Texas Technological College, located at Lubbock, Texas, hereinafter known as the "College," the new Weymouth Hall for men washer and dryer concessions are added for the year 1967-68.

8. This Paragraph is amended to change the nine months guarantee for 1967-68 from \$4,650 to \$5,994.

All other portions of Paragraph No. 8 and all other paragraphs and provisions of this agreement will remain as originally written.

IN WITNESS WHEREOF, the parties hereto have executed this AMENDMENT TO MEMORANDUM OF AGREEMENT at Lubbock, Texas, in triplicate, each of which shall be considered an original by their duly appointed officers, this the 10th day of January, 1968.

FOR THE VENDOR:

ATTEST:

WILLIAMSON WASHING MACHINE COMPANY, INC.

/s/ Frances Smith

By /s/ Roy S. Williamson

ATTEST:

BOARD OF DIRECTORS  
TEXAS TECHNOLOGICAL COLLEGE  
LUBBOCK, TEXAS

/s/ J. Roy Wells

By /s/ Roy Furr  
Roy Furr, Chairman

C O P Y

TEXAS TECHNOLOGICAL COLLEGE  
DEPARTMENT OF ART

II. DESCRIPTION OF PROPOSED PROGRAM

1. What is the title and nature of the proposed program?

A program of 60 semester hours of study leading to the Master of Fine Arts Degree with a major in Art.

2. What degree or certificate is contemplated, if any?

Master of Fine Arts Degree (M.F.A.)

3. List the course offerings to comprise the program. Which of these courses will be new ones?

Listed below are present courses which will be used in the proposed program:

Undergraduate and Graduate Courses

Art 414	Advanced Problems
Art 424	Advanced Problems
Art 431	Advanced Textile Design
Art 434	Advanced Problems
Art 435	Experimental Painting
Art 436	Advanced Printmaking
Art 437	Advanced Jewelry
Art 438	Experimental Pottery
Art 439	Experimental Sculpture
Art 4310	History of Painting and Sculpture
Art 4311	History of Painting and Sculpture
Art 4312	Contemporary Art History
Art 4313	Seminar in Art History

Graduate Courses

Art 511	Advanced Art Unit
Art 518	Art Seminar
Art 531	Special Problems in Art
Art 532	Research Methods in Visual Arts
Art 534	Advanced Studio: Two-dimensional
Art 535	Advanced Studio: Three-dimensional
Art 5335	Theory and Practice of Art for Elementary Teachers
Art 5336	Graduate Sculpture
Art 5337	Graduate Painting

Art 5338 Graduate Textile Design  
Art 5339 Graduate Pottery  
Art 5340 Graduate Jewelry  
Art 5341 Graduate Printmaking

Listed below are courses which will be added as needed for the proposed program:

Graduate Courses

Art 5334 Theories and Practices in Design  
Art 5342 Aesthetics in the Visual Arts  
Art 5343 Art History  
Art 5344 Art History  
Art 5345 Studio  
Art 631 Master's Thesis or Report

4. Outline a semester-by-semester curriculum for the proposed program.

A candidate for the M.F.A. degree will be required to take 9 semester hours of core courses, 6 to 12 semester hours of Art History as a minor, and 6 semester hours of thesis or report. In addition to these, a major area of concentration of 18-21 semester hours and a minor area of concentration of 9-12 semester hours will be required of all M.F.A. candidates. The major and minor areas of concentration can be in art education, interior design, two-dimensional, or three-dimensional design.

Fall

Core - Art 5342 Aesthetics in the Visual Arts	3 hours
Major and minor areas of concentration	6 hours
Minor - Art History	<u>3 hours</u>
	12 hours

Spring

Core - Art 5334 Theories and Practices in Design	3 hours
Major and minor areas of concentration	6 hours
Minor - Art History	<u>3 hours</u>
	12 hours

Summer

Major and minor areas of concentration, electives and minor	12 hours
---	----------

Fall

Core - Art 532 Research Methods in Visual Arts	3 hours
Major and minor areas of concentration, electives and minor	<u>9 hours</u>
	12 hours



Spring

Major and minor areas of concentration and minor 12 hours

Summer

Master's Thesis or Report 6 hours

Major and minor areas of concentration and minor 6 hours  
12 hours

TOTAL 60 HOURS

5. What special requirements will be enforced? If a graduate degree is contemplated, is a thesis required? If not, what will be substituted?

The department will have a Graduate Committee, composed of three elected graduate faculty members who will screen applicants who have met the entrance requirements of the Graduate School at Texas Technological College. The committee will examine a portfolio of the student's art work and hold a personal interview with each student. On the basis of these examinations, recommendations will be made concerning the admission of students to the M.F.A. program. The faculty will determine and prescribe any leveling work to be completed before or after admission. To fulfill the requirements for the degree, the student will be required to complete a master's thesis or report and to execute and install a one-man exhibition.

6. Has the proposed program, or one similar to it, been offered in this institution at any time prior to this request?

This is a new program and no similar programs have been offered at this institution.

7. How many similar programs are offered elsewhere in Texas, and where?

The University of Texas offers the only two year (60 semester hours) M.F.A. degree with a major in art, and it is the only M.F.A. degree that is accredited by the National Association of Schools of Art (the agency recognized by the Southern Association for the accreditation of professional programs in art). Other M.F.A. degrees, with art majors varying from 30 to 48 semester hours, are offered by Southern Methodist University, Texas Christian University and the University of Dallas. M.A. degrees with majors in art are offered by several institutions of higher education in Texas. Traditionally, the M.F.A. degree is considered a terminal degree for studio art people.

8. Justify the need for the proposed program. Be precise.

In the Fall of 1967 there were 570 majors in the former Applied Arts and Allied Arts departments working on four different degrees: Bachelor of Advertising Art in the School of Engineering, Bachelor of Science in the School of Home Economics (Applied Arts Major), Bachelor of Arts in the School of Arts and

Sciences (Art Major) and Bachelor of Science in Education (broadfield or all level certification). On September 1, 1967, the two departments were officially merged into the Department of Art in the School of Arts and Sciences. The Bachelor of Arts degree and the Bachelor of Science in Education degrees were retained; application for a Bachelor of Fine Arts degree has been made. The Bachelor of Advertising Art and the Bachelor of Science degree in Home Economics are being phased out.

The presence of graduate art majors on campus will further strengthen and inspire undergraduate majors. A graduate program will help hold and recruit top quality faculty. The proposed program will also strengthen and allow expansion of the research program already established in the department.

There is a shortage of art teachers at all levels (elementary schools, secondary schools, and institutions of higher learning) as well as a shortage of trained art people for business and industry. The following figures represent requests for trained art people received by the Placement Service at Texas Technological College:

<u>Date</u>	<u>Teaching</u>	<u>Business and Industry</u>	<u>Total</u>
1966	176	48	224
1965	56	38	94
1964	94	33	129
1963	54	27	81
1962	50	38	88
1961	40	29	69

The proposed program will help meet the need for trained art people in the State of Texas, as well as the nation.

9. Is the proposed program approved by the institution's Board of Directors?

### III. PROJECTED ENROLLMENT

10. Project the enrollment for the proposed program for the next five years. Explain the basis for this projection.

Projected enrollment for the next five years would be from seven to seventeen graduate students during the regular academic year. The enrollment in the summer would be from fifteen to thirty students. These figures are based on the requests that have been received by the department. At present, there are six students taking six or more graduate hours in the department. There are five more students enrolled in three to five hours of graduate work in the

department. These are potential graduate majors for the proposed program. There are students who have and are minoring in the Department of Art who have expressed preference for a major in art had the program been available to them.

11. Explain the likely source of students who will enroll in this program. (Will they come from existing programs or will they be attracted to the institution to enroll in the proposed program?)

Most students who enroll in this program will be attracted from the undergraduate program at Texas Technological College and other institutions. There will be a few who are in existing graduate programs, with other majors, who would change to this new program.

12. Give the number of persons presently on the faculty who will be most directly involved in the proposed program. List for each his name, rank, highest degree, and present course load.

<u>Name</u>	<u>Rank</u>	<u>Degree</u>	<u>Semester Hour Course Load</u>
Ethel Jane Beitler	Professor	M.Ed.	10
Donald Jack Davis	Associate Professor	Ph.D.	12
Eula May Dyer	Assistant Professor	M.A.	12
Hugh J. Gibbons	Assistant Professor	M.F.A.	9
Paul D. Hanna	Assistant Professor	M.F.A.	8
Ray W. Hellberg	Associate Professor	M.A.*	11
Richard W. Henton	Assistant Professor	M.S.*	12
Edna Houghton	Associate Professor	M.A.	9
James D. Howze	Associate Professor	M.S.	7
Clarence E. Kincaid	Professor	D.Ed.	12
Franz F. Kriwanek	Associate Professor	M.A.	12
Bill C. Lockhart	Professor	D.Ed.	6
John J. Mahlmann	Assistant Professor	M.F.A.*	12
Foster L. Marlow	Professor	D.Ed.	9
Roderick Parkinson	Associate Professor	M.Ed.	10
Juanita Tittle Pollard	Assistant Professor	M.A.	12
John W. Queen	Associate Professor	M.F.A.	12
Donna Rae Read	Assistant Professor	M.S.	12
Francis B. Stephen	Associate Professor	M.F.A.	12
Betty A. Street	Assistant Professor	M.S.	12

\*Course work completed and working on thesis for doctoral degree.

13. Calculate the present student-faculty ratio in the subject matter field(s) or department(s) in which the proposed program will be offered. (Divide full-time equivalent students by full-time equivalent faculty.)

In the fall of 1967, students were enrolled in 6,609 semester hours in the Department of Art. The number of semester hours when divided by 15 equals 441

full-time equivalent students.

441.00 Full-time - equivalent students

31.60 Full-time - equivalent faculty

13.95 / 1 Student-faculty ratio

14. Project the need for new faculty required for the proposed program for the next five years. If the proposed program will be absorbed in part or in whole by the present faculty, explain how this will be done.

From one to two additional faculty equivalents will be needed for the proposed program over the next five years. The present graduate faculty is more than adequate for conducting the proposed program. The additional faculty needed will be instructors or teaching assistants for the undergraduate program. The department will need to increase its summer school offerings.

15. Will acquisition of new faculty for the program require an unusual outlay of funds or unique recruiting techniques? Explain in detail.

The acquisition of new faculty is increasingly easier because of the growing reputation of the present faculty and the new Department of Art.

16. Describe the involvement of the faculty, present and projected, in research, extension, correspondence, and other activities. Are teaching loads of faculty reduced if they engage in these activities?

#### Professional Development

The professional level of the graduate faculty is amazingly high. Several faculty members have gained national attention with the others showing promise of gaining equal attention. The faculty has more impressive credentials than many similar departmental faculties who offer doctoral work. The undergraduate and graduate degrees of the faculty were earned from twenty-four different colleges and universities representing a wide range of geographic locations (13 states). Other work experience of the faculty includes a wide range of art activities and teaching assignments.

#### Research

The graduate faculty composes a well balanced, strong research team. Five of the thirteen members are actively engaged in research. Four of these have been involved in the study of creativity with some of their work attracting national attention. One faculty member is involved in studying Texas clays and the use of cotton gin ashes for glazes. All are involved in investigations on a personal level in their individual artistic production.

#### Writing

The faculty members have produced numerous articles for state, regional, and

national professional journals. One member will serve as editor of Texas Trends in Art Education, the journal of the Texas Art Education Association, for 1967-69. Another faculty member has served for the past five years as a member of the Editorial Board for Art Education, the journal of the National Art Education Association. Faculty members have authored two books which have received national recognition. Two more books are in the process with negotiations being made for contracts with publishers.

#### Artistic Production

Art by the faculty has been exhibited widely, receiving much attention. Several faculty members regularly receive commissions on their work. Their work represents many different media: painting, sculpture, pottery, jewelry, textile design, and various other crafts. The faculty works in a variety of styles. The art production of the faculty will help recruit students and add quality to the proposed graduate program.

#### Professional Work

The faculty is involved in various professional organizations. In the past and at present they are in leadership roles in state, regional, and national professional organizations; serving as officers, executive council members and committee members. They regularly present papers at state, regional, and national conferences. The faculty is in demand as speakers, consultants and leaders for workshops for schools, business and community groups.

#### Teaching Excellence

The graduate faculty is highly competent in their teaching. They have strong interest in their students and their classes reflect their enthusiasm and professional accomplishments. This is also evident by the many offers of positions these people receive from other institutions.

At the present time, faculty members do not receive reduction in teaching loads for engaging in the above activities. This as well as reduced teaching loads for teaching graduate level courses is vitally needed.

### V. LIBRARY

17. Are present library holdings in relevant fields adequate now to begin the proposed program? How will the library have to be improved to meet program needs in the next four years? (Refer to the need for books, periodicals, reference books, primary source materials, etc.)

Present library holdings in related fields are now adequate to begin the proposed program. These holdings are rather broad, but additional depth will be needed. Effort will need to be made to keep up with current books, as well as securing certain key historical volumes.



18. Are there libraries of other institutions which are being used or can be used by faculty and students in the proposed program? Explain in detail.

There are no other libraries available in the area that can be used by the faculty and students. Inter-library loans are available and will be especially beneficial for securing theses from other graduate schools.

19. Estimate the total expenditure for the last two complete fiscal years for library acquisitions in the departments or subject matter fields in which the proposed program will be offered, or in fields which are closely related to the proposed program.

The total expenditures for the last two fiscal years for library acquisitions for the Applied Arts Department and the Architecture and Allied Arts Department were:

1965-66	\$2,863.07
1966-67	\$2,015.82

This figure was based on library expenditures and an estimate of what was spent from the departmental operating budgets for journals, periodicals, etc. The acquisitions of the Department of Education and the Department of Architecture are also of value to the Department of Art.

20. Project library expenditures to be budgeted annually for the next five years to meet the need of this program.

The library expenditures, to meet the needs of the proposed program, would need to be increased by approximately \$600.00 per year.

## VI. FACILITIES AND EQUIPMENT

21. Describe existing facilities that are available for the proposed program. Describe the present utilization of these facilities. What new facilities will be needed in the near future? Specify what special facilities and equipment will be needed and estimate their cost. From what sources do you anticipate obtaining needed facilities and equipment?

Presently, the department is using 23 laboratories and sharing five laboratories and one auditorium with the Department of Architecture.

The following laboratories are currently in use:

1 Interior Design	1 Jewelry, Crafts
1 Crafts	1 Sculpture, Crafts
2 Printmaking	2 Art Education
6 Design, Advertising Art	4 Drawing
1 Pottery	1 Pottery, Sculpture
3 Painting	

Shared with the Department of Architecture:

5 Design and Illustration Labs  
1 Auditorium

At present, laboratory facilities are crowded, and if present growth continues, additional space will be needed each year. This will mean approximately three additional labs per year. If these are temporary buildings, the cost would be approximately \$6,186.00 per lab. As new buildings on campus are completed, existing temporary buildings will probably be available. For an additional \$500.00, the temporary buildings could be made suitable for art labs. A proposed building, which should be completed in January of 1970, will also relieve the lab situation. If money is needed for additional space, it will have to come from state appropriations. The additional labs mentioned will be needed for the undergraduate program each year. Actually, the proposed program could be conducted with the present facilities. Ideally, over the next five to seven years, one additional laboratory, one seminar room and gallery space would be needed for the graduate program. The laboratory would cost approximately \$12,500.00; the seminar room would cost approximately \$6,300.00, with the gallery space costing approximately \$10,500.00. (The gallery space is also needed for the undergraduate program.)

A large portion of the graduate work will be conducted in the summer (this will equalize the laboratory use - laboratories for the undergraduate classes are not used as much in the summer terms as they are during the regular academic year). The Summer Workshop in Taos will help ease the load on the laboratories in the summer.

#### VII. ADMINISTRATION OF PROPOSED PROGRAM

22. Will the proposed program affect the administrative structure of the institution? If yes, describe how. In what department, division, school, or college will the proposed program be administered? If the program is to have inter-departmental or inter-unit administration, explain in detail.

No changes in the administrative structure will be needed for the proposed program.

#### VIII. ACCREDITATION

23. Describe the requirements for accreditation, if program is eligible to be accredited. What is the name of the accrediting agency? What will be initial costs of accreditation and subsequent annual costs to maintain it? Identify basic criteria for accreditation and describe how these will be met.

When the proposed B.F.A. program is approved, application for accreditation will be submitted to the National Association of Schools of Art; there would be no additional expense for their approval of the M.F.A. program.



Cost:

Examination Fee submitted with application	\$100.00
Expenses for Visiting Examiners	600.00
Initial Cost	\$700.00
Annual Membership Cost	\$200.00

The cost will come from the departmental budget.

Criteria for accreditation:

Staff - Must have active professional artists.

Teaching schedule of not more than eighteen contact hours each week for studio teachers and eight or nine semester hours for art historians.

Necessary for a graduate faculty to have time for research and studio activities.

Facilities and Resources -

Adequate space and equipment.

Library and slide budgets in excess of those institutions which teach only undergraduate programs.

Program -

Candidate for M.F.A. should have a bachelor's degree with a major in art from a qualified institution.

A semester hour of credit should represent three hours of work each week for a semester of 15 or 16 weeks.

The program should require at least two years of genuine graduate work.

IX. SUPPORTING FIELDS

24. Evaluate the subject matter fields at your institution which may be considered as necessary, or valuable, in support of the proposed program. Will these fields need improvement? If so, how, to what extent, and what cost? Be specific.

There are many areas that could serve as supporting fields: psychology, education, journalism, foreign languages, economics, clothing and textiles, to name only a few. Many of these areas have strong doctoral programs that are more than adequate.

X. COSTS OF PROPOSED PROGRAM

25. Estimate the initial (first year) costs of the proposed program. How much of this will be absorbed in current budgets and how much will be newly appropriated money? Will Federal or private financial assistance be sought? If yes, explain in detail.

The estimated initial cost of the proposed program will be \$10,000. In a large part, this would be absorbed in the current proposed budget.

26. Estimate the annual cost of the program for the three years following its first year. (Use current formulas in arriving at your estimate.) Explain the rationale for your estimate.

The following estimations of state funds for this graduate program for the three years following the first year of the program are based upon the current formula of \$63.79 per semester hour for graduate faculty salary and \$47.88 per semester hour for maintenance, equipment and travel.

	<u>No. of courses to be offered - 3 S.H.</u>	<u>Projected Enrollment</u>	<u>Graduate Sem. Hrs.</u>	<u>F.S. per Formula</u>	<u>M.E.&amp;T. Per C.F.</u>
2nd year - Fall	2	14	42	\$ 2,679.18	\$ 2,010.96
Spring	2	14	42	2,679.18	2,010.96
Summer	6	48	144	9,185.76	6,894.72
3rd year - Fall	2	16	48	3,061.92	2,298.24
Spring	2	16	48	3,061.92	2,298.24
Summer	6	48	144	9,185.76	6,894.72
4th year - Fall	3	28	84	5,358.36	4,021.92
Spring	3	28	84	5,358.36	4,021.92
Summer	8	70	210	13,395.90	10,054.90

27. Departmental Costs.

- (a) Show the departmental operating expenditures for the last two fiscal years for the departments which will contribute significantly to the support of the proposed program.

The departmental expenditures for the past two years cannot be accurately presented. The expenditures for the Department of Applied Arts are available. The expenditures for the Department of Architecture and Allied Arts are available, but there is no accurate gauge of what percentage of the expenditures were for Allied Arts. There were eleven members of the faculty in the Department of Architecture and Allied Arts considered Allied Arts faculty. The present faculty in Architecture is approximately 30. On that basis, one-third of their budget has been estimated to be Allied Arts budget.

Expenditures for the last two fiscal years follow:

	<u>Salaries and Wages</u>	<u>Other Current Expenses</u>	<u>Capital Outlay</u>	<u>Total</u>
1965-66				
Applied Arts	\$137,977.37	\$ 7,725.94	\$ 2,515.41	\$ 148,218.72
Allied Arts	98,318.76	1,884.05	711.97	100,948.12
Total Art	\$236,296.13	\$ 9,609.99	\$ 3,227.38	\$ 249,166.84

<u>1966-67</u>	<u>Salaries and Wages</u>	<u>Other Current Expenses</u>	<u>Capital Outlay</u>	<u>Total</u>
Applied Arts	\$ 186,561.78	\$ 5,350.49	\$ 4,319.45	\$ 196,231.72
Allied Arts	<u>105,518.49</u>	<u>1,482.59</u>	<u>948.75</u>	<u>107,949.84</u>
Total Art	\$ 292,080.27	\$ 6,833.08	\$ 5,268.20	\$ 304,181.56

(b) How will the proposed program affect the allocation or distribution of these funds?

Actually the proposed program will only slightly change the allocation or distribution of these funds. In each area a percentage share of the funds will be spent for the graduate program.

28. What additional funds for research will be needed to support the proposed program? Explain.

The present funds for research would be the minimum amount needed for the initial part of the proposed program. However, with a graduate program, the faculty will be in a better position to secure outside grants and support for further research.

29. How many graduate assistantships are considered desirable to begin the program? Estimate the amount of funds required for these assistantships over the next four years. What sources are available to support these assistantships? Will student aid funds be needed for undergraduates other than those provided for all undergraduates? Explain in detail.

Five teaching assistantships would be the ideal number for support in the proposed program. At present, the department has five and one-half positions filled with teaching assistants and part-time instructors; therefore, no additional money will be needed in this area. The teaching assistant is a vital part of the undergraduate program. The teaching assistant works with an experienced professor who is teaching the same course. When using teaching assistants, team teaching is used as much as possible. This places high level experienced teachers in contact with all of the students. At the same time, the teaching assistant is gaining valuable teaching experience that will better prepare him as a teacher.

30. Add any comments which would be helpful to the Coordinating Board in evaluating this program request.

The quality of the faculty is the key to providing excellence in this program. The reputations gained by former students in teaching and business have drawn attention to the strength of the undergraduate program. This proposed program will add stature and balance to the present graduate programs at Texas Technological College. Graduates of the proposed program would help relieve the increased shortage of professionally trained college art teachers. The quality of the proposed program, under the direction of the highly qualified faculty, would be rapidly recognized by the art departments of universities throughout the country.

TEXAS TECHNOLOGICAL COLLEGE  
DEPARTMENT OF ART

II. DESCRIPTION OF PROPOSED PROGRAM

1. What is the title and nature of the proposed program?

A professionally oriented program with 135 semester hours (minimum) of undergraduate study leading to the Bachelor of Fine Arts degree with majors in the following areas:

Advertising Art

Art Education

Interior Design

Studio, with major concentration in: Drawing  
Painting  
Printmaking  
Sculpture  
Pottery  
Jewelry

2. What degree or certificate is contemplated, if any?

Bachelor of Fine Arts (B.F.A.)

3. List the course offerings to comprise the program. Which of these courses will be new ones?

Listed below are proposed courses which will be used to implement the program in theory, all of these courses are new; however, the majority of the courses previously appeared as Applied Arts, Allied Arts and certain Architecture courses. The Allied and Applied Arts programs were combined into a Department of Art on September 1, 1967.

Art 120	Introduction to Drawing	Art 227	Introduction to Jewelry
Art 121	Introduction to Drawing	Art 228	Introduction to Pottery
Art 130	History of Art	Art 229	Introduction to Sculpture
Art 131	History of Art	Art 2220	Introduction to Interior Design
Art 132	Introduction to Design	Art 2221	Beginning Interior Design Studio
Art 142	Introduction to Design	Art 230	Graphic Design I
Art 220	Crafts Design	Art 231	Graphic Design I
Art 221	Introduction to Enameling	Art 232	Life Drawing I
Art 222	Introduction to Textile Design	Art 233	Painting Oil
Art 223	Introduction to Painting-- Oil	Art 234	Presentation Techniques for Art Education
Art 224	Introduction to Painting-- Synthetic Media	Art 235	Introduction to Printmaking
Art 225	Introduction to Painting-- Watercolor	Art 236	History and Philosophies of Art Education

Art 237	Jewelry	Art 414	Advanced Problems
Art 238	Pottery	Art 424	Advanced Problems
Art 239	Sculpture	Art 4221	Interior Design Studio Procedure
Art 2312	Life Drawing II	Art 4222	Professional Practices for Interior Design
Art 2315	Printmaking--Woodcut and Etching	Art 431	Advanced Textile Design
Art 2321	Perspective I	Art 432	Art in Secondary Education
Art 2322	Type as a Design Element	Art 433	Secondary Art Curriculum
Art 2327	History of Interiors	Art 434	Advanced Problems
Art 3220	Figure Indication	Art 435	Experimental Painting
Art 3222	Perspective II	Art 436	Advanced Printmaking
Art 3224	Contemporary Interiors	Art 437	Advanced Jewelry
Art 330	Advanced Drawing	Art 438	Experimental Pottery
Art 331	Enameling	Art 439	Experimental Sculpture
Art 333	Painting in Synthetic Media	Art 4310	History of Painting and Sculpture
Art 334	Painting in Watercolor	Art 4311	History of Painting and Sculpture
Art 335	Advanced Painting	Art 4312	Contemporary Art History
Art 336	Printmaking--Silkscreen and Lithography	Art 4313	Seminar in Art History
Art 338	Advanced Pottery	Art 4318	Advanced Graphic Design
Art 339	Advanced Sculpture	Art 4319	Advanced Graphic Design
Art 3310	Textile Design--Dyeing Processes	Art 4321	Advertising Art for Production
Art 3311	Textile Design--Yarn Processes	Art 4322	Advanced Illustration
Art 3312	Textile Design--Printing Processes	Art 4323	Experimental Illustration
Art 3318	Crafts in Elementary Education	Art 4325	Residential Interior
Art 3320	Graphic Design II	Art 4326	Commercial Interior
Art 3321	Graphic Design II	Art 4327	Research in Dynamics of Interior Space
Art 3322	Lettering	Art 4328	Advanced Interior Problems
Art 3323	Illustration I	Art 4329	Fieldwork in Interior Design
Art 3324	Illustration II		
Art 3325	Home Planning		
Art 3326	Rendering for Interiors		
Art 3327	Equipment and Materials for Interiors		

4. Outline a semester-by-semester curriculum for the proposed program.

The candidates for the B.F.A. degree will be required to take a minimum of 70 semester hours of art and a minimum of 60 semester hours of general education for a minimum of a total of 135 semester hours.

	<u>Sem. Hrs.</u>		<u>Sem. Hrs.</u>
<u>Freshman Year</u>			
Art	5	Art	6
Art History	3	Art History	3
Lab Science or Foreign Language	3 to 4	Lab Science or Foreign Language	3 to 4
English	3	English	3
Physical Education	<u>1</u>	Physical Education	<u>1</u>
	15 to 16		16 to 17
<u>Summer</u>			
Art	6	Art	6
<u>Sophomore Year</u>			
Art	7 to 8	Art	7 to 8
English	3	English	3
Government	3	Government	3
General Education	3	General Education	3
Physical Education	<u>1</u>	Physical Education	<u>1</u>
	17 to 18		17 to 18
<u>Junior Year</u>			
Art	8 to 9	Art	11 to 12
History	3	History	3
General Education	<u>6</u>	General Education	<u>3</u>
	17 to 18		17 to 18
<u>Senior Year</u>			
Art History	3	Art History	3
General Education	3	General Education	3
Art	<u>10 to 11</u>	Art	<u>10 to 11</u>
	16 to 17		16 to 17

5. What special requirements will be enforced?

Student work will be subject to review by major advisors at designated times prior to graduation.

6. Has the proposed program, or one similar to it, been offered in this institution at any time prior to this request?



Similar major programs were in operation prior to the establishment of the Department of Art in September, 1967. These former programs in Allied and Applied Arts were combined to strengthen the art program and to eliminate possible duplication.

7. How many similar programs are offered elsewhere in Texas, and where?

The University of Texas offers the only B.F.A. degree that is accredited by the National Association of Schools of Art (the agency recognized by the Southern Association for the accreditation of professional programs in art). Other institutions offering the Bachelor of Fine Arts degree in Art are the University of Houston, Baylor University, Southern Methodist University, Texas Christian University and the University of Dallas. Most senior colleges offer a B.A. degree with a major in Art. The B.F.A. is traditionally a professionally oriented degree.

The combination of two former departmental programs makes this department unique in the State of Texas in being able to offer professional programs in such a wide range of areas including: advertising art, interior design, art education, and the following studio areas: drawing, painting, printmaking, pottery, jewelry and sculpture.

8. Justify the need for the proposed program. Be precise.

Demand for graduates from the former programs (now combined) has exceeded the supply available. There has been an increasing shortage of "professionally" trained advertising artists, art teachers and interior designers.

In a master's report that is in progress in the School of Business Administration at Texas Technological College, it has been noted that at present there are 165 art jobs open in advertising agencies in the State of Texas. This represents a large increase over the past five years, but the projected increase over the next five years is much greater. This is particularly significant if the growth of the printing, publishing and television film industries are considered.

The demand for teachers of art at all levels has also greatly increased in the State of Texas and the nation. In 1966 there were 176 art teaching positions reported to the Placement Service at Texas Technological College. While the number of teaching positions has increased at the public school level, the rapidly expanding institutions of higher learning have caused a great demand for studio artists to staff growing faculties.

Although figures are not available for openings in interior design, the demand has increased in the past five years. Throughout this period, this department could have placed four to five times its number of graduates. There has also been an increased demand for art majors by other related areas within the business community. The proposed program will help meet the need for professionally trained artists in the State of Texas and the nation.



9. Is the proposed program approved by the institution's Board of Directors?

### III. PROJECTED ENROLLMENT

10. Project the enrollment for the proposed program for the next five years. Explain the basis for this projection.

Presently there are 570 majors in the various programs. In the past three years there has been an 81 per cent increase in semester hours in the former art programs. A conservative estimate of the number of majors in this program would be an increase of 300 students in the next five years.

11. Explain the likely source of students who will enroll in this program. (Will they come from existing programs or will they be attracted to the institution to enroll in the proposed program?)

The proposed program is justified by the number of students currently enrolled in the various majors. The consolidation of the previous programs will make a more attractive curriculum for art students who are concerned with professional development. While the majority of these will come from the high school graduating classes, an increasing number are enrolling from the junior college programs.

12. Give the number of persons presently on the faculty who will be most directly involved in the proposed program. List for each his name, rank, highest degree, and present course load.

<u>Name</u>	<u>Rank</u>	<u>Degree</u>	<u>Semester Hour Course Load</u>
Ethel Jane Beitler	Professor	M.Ed.	10
Donald Jack Davis	Associate Professor	Ph.D.	12
Eula May Dyer	Assistant Professor	M.A.	12
Lonnice J. Edwards	Instructor	B.Ad.Art	9
Dick Evans	Instructor	M.F.A.	9
Hugh J. Gibbons	Assistant Professor	M.A.	9
H. V. Greer	Assistant Professor	B.Ad.Art	9
Paul D. Hanna	Assistant Professor	M.F.A.	8
Jaclyn F. Harland	Instructor	B.S.	12
Ray W. Hellberg	Associate Professor	M.A.*	11
Richard W. Henton	Assistant Professor	M.S.*	12
Edna Houghton	Associate Professor	M.A.	9
Peggy Basom Howard	Assistant Professor	M.A.	12
James D. Howze	Associate Professor	M.S.	7
Clarence E. Kincaid	Professor	D.Ed.	12
Lynwood A. Kreneck	Instructor	M.F.A.	8

Franz F. Kriwanek	Associate Professor	M.A.	12
Troy Allen Lockard	Associate Professor	M.A.	12
Bill C. Lockhart	Professor	D.Ed.	6
Mary Alice Larson	Instructor	B.S.	12
John J. Mahlmann	Assistant Professor	M.F.A.*	12
Foster L. Marlow	Professor	D.Ed.	9
Roderick Parkinson	Associate Professor	M.Ed.	10
Juanita Tittle Pollard	Assistant Professor	M.A.	12
John W. Queen	Associate Professor	M.F.A.	12
Donna Rae Read	Assistant Professor	M.S.	12
Francis B. Stephen	Associate Professor	M.F.A.	12
Betty A. Street	Assistant Professor	M.S.	12

\*Course work completed and working on thesis for doctoral degree.

13. Calculate the present student-faculty ratio in the subject matter field(s) or department(s) in which the proposed program will be offered. (Divide full-time equivalent students by full-time equivalent faculty.)

In the fall of 1967, students were enrolled in 6,609 semester hours in the Department of Art. The number of semester hours when divided by 15 equals 441 full-time equivalent students.

441.00 Full-time - equivalent students  
31.60 Full-time - equivalent faculty

13.95 / 1 Student-faculty ratio

14. Project the need for new faculty required for the proposed program for the next five years. If the proposed program will be absorbed in part or in whole by the present faculty, explain how this will be done.

Fifteen additional full-time equivalent faculty will be needed for the proposed program over the next five years. This is a conservative estimate based on a one hundred per cent increase in full-time equivalent faculty over the past five years. Actually the estimated need of new faculty would have been needed to meet the normal growth of former programs.

15. Will acquisition of new faculty for the program require an unusual outlay of funds or unique recruiting techniques? Explain in detail.

The acquisition of new faculty is increasingly easy because of the growing reputation of the present faculty and the new Department of Art.

16. Describe the involvement of the faculty, present and projected, in research, extension, correspondence, and other activities. Are teaching loads of faculty reduced if they engage in these activities?

### Professional Development

The professional level of the faculty is amazingly high. Several faculty members have gained national attention with others showing promise of gaining equal attention. The faculty has more impressive credentials than many similar departmental faculties who offer doctoral work. The undergraduate and graduate degrees of the faculty were earned from twenty-four different colleges and universities representing a wide range of geographic locations (13 states). Other work experience of the faculty includes a wide range of art activities and teaching assignments.

### Research

Eight faculty members are involved in organized research. Six of these have been involved in the study of creativity with some of their work attracting national attention. One faculty member is involved in studying Texas clays and the use of cotton gin ashes for glazes. This group composes a well balanced, strong research team. All of the faculty members are involved in investigations on a personal level in their individual artistic production.

### Writing

The faculty members have produced numerous articles for state, regional and national professional journals. Two members will serve as editors of Texas Trends in Art Education, the journal of the Texas Art Education Association, for 1967-69. Another faculty member has served for the past five years as a member of the Editorial Board for Art Education, the journal of the National Art Education Association. Faculty members have authored two books which have received national recognition. Two more books are in the process with negotiations being made for contracts with publishers.

### Artistic Production

Art by the faculty has been exhibited widely, receiving much attention. Several faculty members regularly execute commissions. Their work represents many different media: painting, printmaking, sculpture, pottery, jewelry, textile design, and various other crafts. The faculty works in a variety of styles. The art production of the faculty helps recruit students and adds quality to the proposed program. A series of concept films and a movie have been directed by faculty members.

### Professional Work

The faculty is involved in various professional organizations. In the past, and at present, they are in leadership roles in state, regional and national professional organizations, serving as officers, executive council members, and committee members. They regularly present papers at state, regional and national conferences. The faculty is in demand as speakers, consultants and leaders for workshops for schools, business and community groups.

Teaching Excellence

The faculty is highly competent in their teaching. They have a strong interest in their students, and their classes reflect their enthusiasm and professional accomplishments. This is also evident by the many offers of positions these people receive from other institutions.

V. LIBRARY

17. Are present library holdings in relevant fields adequate now to begin the proposed program? How will the library have to be improved to meet program needs in the next four years? (Refer to the need for books, periodicals, reference books, primary source materials, etc.)

Present library holdings in related fields are now adequate to begin the proposed program. These holdings are rather broad, but additional depth will be needed. Effort will need to be made to keep up with current books, as well as securing certain key historical volumes.

18. Are there libraries of other institutions which are being used or can be used by faculty and students in the proposed program? Explain in detail.

There are no other libraries available in the area that can be used by the faculty and students. Inter-library loans are available.

19. Estimate the total expenditure for the last two complete fiscal years for library acquisitions in the departments or subject matter fields in which the proposed program will be offered or in fields which are closely related to the proposed program.

The total expenditures for the last two fiscal years for library acquisitions for the Applied Arts Department and the Architecture and Allied Arts Department were:

1965-66	\$ 2,863.07
1966-67	\$ 2,015.82

This figure was based on library expenditures and an estimate of what was spent from the departmental operating budgets for journals, periodicals, etc. The acquisitions of the Department of Education and the Department of Architecture are also of value to the Department of Art.

20. Project library expenditures to be budgeted annually for the next five years to meet the need of this program.

For the proposed B.F.A. program, the library expenditures do not need to be increased.

## VI. FACILITIES AND EQUIPMENT

21. Describe existing facilities that are available for the proposed program. Describe the present utilization of these facilities. What new facilities will be needed in the near future? Specify what special facilities and equipment will be needed and estimate their cost. From what sources do you anticipate obtaining needed facilities and equipment?

Presently, the department is using 23 laboratories and sharing five laboratories and one auditorium with the Department of Architecture.

The following laboratories are currently in use:

1 Interior Design	1 Jewelry, Crafts
1 Crafts	1 Sculpture, Crafts
2 Printmaking	2 Art Education
6 Design, Advertising Art	4 Drawing
1 Pottery	1 Pottery, Sculpture
3 Painting	

Shared with the Department of Architecture:

5 Design and Illustration
1 Auditorium

At present, laboratory facilities are crowded, and if present growth continues, additional space will be needed each year. This will mean approximately three additional labs per year. If these are temporary buildings, the cost would be approximately \$6,186.00 per lab. As new buildings on campus are completed, existing temporary buildings will probably be available. For an additional \$500.00, the temporary buildings could be made suitable for art labs. A proposed building, which should be completed in January of 1970, will also relieve the lab situation. If money is needed for additional space, it will have to come from state appropriations.

## VII. ADMINISTRATION OF PROPOSED PROGRAM

22. Will the proposed program affect the administrative structure of the institution? If yes, describe how. In what department, division, school or college will the proposed program be administered? If the program is to have inter-departmental or inter-unit administration, explain in detail.

There will be no change needed in the administrative structure for the proposed program.

## VIII. ACCREDITATION

23. Describe the requirement for accreditation, if program is eligible to be accredited. What is the name of the accrediting agency? What will be initial

costs of accreditation and subsequent annual costs to maintain it? Identify basic criteria for accreditation and describe how these will be met.

When the proposed B.F.A. program is approved, application for accreditation will be submitted to the National Association of Schools of Art.

Cost:

Examination Fee submitted with application	\$100
Expenses for Visiting Examiners	<u>600</u>
Initial Cost	\$700
Annual Membership Cost	\$200

The cost will come from the departmental budget.

Criteria for accreditation:

1. General Requirement for Active Membership

Professional programs of art and design, which prepare student at college level for careers as designers, painters, sculptors, etc., and as teachers of art. N.A.S.A. recommends the B.F.A. and M.F.A. as appropriate degrees for professional programs.

2. Facilities and Resources

- a. Adequate space and equipment, plus lab space that students are able to use beyond scheduled classes
- b. Exhibition space
- c. Library of no less than 5,000 volumes
- d. Collection of no less than 5,000 slides

3. Time Requirement

At least four years for academic degree programs.

4. Semester Hour Credit

Semester hour credit for studio course based on one credit hour for each three hours in lab.

5. Requirement of General Studies

Recommend approximately one-fourth of the total hours be devoted to general studies, including: English, humanities, natural and social sciences.



6. Requirement of Studio Studies

Major studies in studio area should not terminate at bachelor level with less than 70 semester hours of credit.

7. Faculty and Staff

Most important aspect of teacher qualification hinges on his active involvement as a practicing artist and designer.

8. Teaching Schedule

A maximum teaching load of not more than 18 contact hours each week is recommended for studio teachers. In lecture courses the recommendation is for not more than 8 or 9 semester hours.

9. Faculty-Student Ratio

The ratio should not be in excess of 20 students to one faculty member, preferably closer to 15 to one.

Meeting Accreditation Requirements

The department has been in close contact with N.A.S.A. leaders in planning this proposed B.F.A. program. It seems that this program will meet accreditation. The present teaching loads are higher than N.A.S.A. recommends. It will take a visitation by their committee to answer this and other questions concerning the program.

American Institute of Interior Designers (A.I.D.)

Although A.I.D. does not accredit programs, the proposed Interior Design major does meet the recommended program for professional training in Interior Design.

IX. SUPPORTING FIELDS

24. Evaluate the subject matter fields at your institution which may be considered as necessary, or valuable, in support of the proposed program. Will these fields need improvement? If so, how, to what extent, and what cost? Be specific.

The B.F.A. program will require courses in English, history, government, foreign language, laboratory science and social science as part of general education. These areas are more than sufficient to meet the needs of the proposed degree.



X. COSTS OF PROPOSED PROGRAM

25. Estimate the initial (first year) costs of the proposed program. How much of this will be absorbed in current budgets and how much will be newly appropriated money? Will Federal or private financial assistance be sought? If yes, explain in detail.

The budget for the Department of Art for the current year is \$335,005. This figure needs to be increased each year to handle student increase. Conservatively figured on a 10 per cent per year increase, this would give the following figures for the entire budget for the Department of Art:

1967-68	\$ 335,005
1968-69	\$ 368,505

There should be no initial costs involved in the proposed program because this program is replacing existing programs. Any cost would be absorbed in the current proposed budget.

The B.F.A. degree actually would take approximately 50 to 55 per cent of the total Department of Art budget. The remaining budget is used for service courses - fine arts requirement for the School of Arts and Sciences, courses for the School of Home Economics and courses for the School of Education.

26. Estimate the annual cost of the program for the three years following the first year.

The cost of the program will increase only as a result of an increase in semester hour enrollment. In the fall of 1967, the Allied Arts and Applied Arts semester hour enrollment increased 12 per cent over the fall of 1966. Using 10 per cent as a conservative guide, the cost for the three years for the total art budget would be:

1969-70	\$ 405,355
1970-71	\$ 445,890
1971-72	\$ 490,479

The B.F.A. program would use approximately one-half of the above figures.

27. Departmental Costs.

(A) Show the departmental operating expenditures for the last two fiscal years for the departments which will contribute significantly to the support of the proposed programs.

The departmental expenditures for the past two years cannot be accurately presented. The expenditures for the Department of Applied Arts are available. The expenditures for the Department of Architecture and Allied Arts are available, but there is no accurate gauge of what percentage of the expenditures

were for Allied Arts. There were eleven members of the faculty in the Department of Architecture and Allied Arts considered Allied Arts faculty. The present faculty in Architecture is approximately 30. On that basis, one-third of their budget has been estimated to be Allied Arts budget.

Expenditures for the last two fiscal years follow:

<u>1965-66</u>	<u>Salaries and Wages</u>	<u>Other Current Expenses</u>	<u>Capital Outlay</u>	<u>Total</u>
Applied Arts	\$ 137,977.37	\$ 7,725.94	\$ 2,515.41	\$ 148,218.72
Allied Arts	<u>98,318.76</u>	<u>1,884.05</u>	<u>711.97</u>	<u>100,948.12</u>
Total Art	\$ 236,296.13	\$ 9,609.99	\$ 3,227.38	\$ 249,166.84

<u>1966-67</u>				
Applied Arts	\$ 186,561.78	\$ 5,350.49	\$ 4,319.45	\$ 196,231.72
Allied Arts	<u>105,518.49</u>	<u>1,482.59</u>	<u>948.75</u>	<u>107,949.84</u>
Total Art	\$ 292,080.27	\$ 6,833.08	\$ 5,268.20	\$ 304,181.56

(B) How will the proposed program affect the allocation or distribution of these funds?

The proposed program will not affect the allocation or distribution of these funds.

28. What additional funds for research will be needed to support the proposed program? Explain.

The present funds for research would be the minimum amount needed for the initial part of the proposed program.

29. How many graduate assistantships are considered desirable to begin the program? Estimate the amount of funds required for these assistantships over the next four years. What sources are available to support these assistantships? Will student aid funds be needed for undergraduates other than those provided for all undergraduates? Explain in detail.

Additional graduate assistantships will not be needed for this program.

30. Add any comments which would be helpful to the Coordinating Board in evaluating this program request.

Because of the consolidation of the art program (approved by the Coordinating

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Board this past summer) into a Department of Art, effective September 1, 1967, the Bachelor of Science degree in Home Economics and the Bachelor of Advertising Art degree in Engineering no longer fit the needs of the program. The proposed B.F.A. is vitally needed to give the department the opportunity to function at the highest possible level.

The previous programs in art had gained recognition from the professional quality of the faculties and the success of former students in various areas of art. The combination of the art programs gives each area of art strength because of the interaction with other areas of art. The proposed degree will allow students to take advantage of the total art program, and will allow students to reach a level of excellence not previously available to them.

## I. GENERAL INSTRUCTIONS

This material should be used as a guide in the presentation of requests to the Coordinating Board for new certificate or degree programs, or for new major concentrations. The purpose is to give the institution, as well as the Coordinating Board, a better understanding of the nature and costs of the change requested.

In preparing material for submission to the Coordinating Board, please follow the outline described below in sections II through X.

Requests should be mailed to the Commissioner's Office, Coordinating Board, Texas College and University System, Sam Houston State Office Building, Austin, Texas, 78701. Five copies of each request are required for Coordinating Board use; and a minimum of three months will be required for Coordinating Board study of each request.

## II. DESCRIPTION OF PROPOSED PROGRAM

### 1. What is the title and nature of the proposed program?

This is a request for a major in dance on the undergraduate level with special emphasis on performing and fine arts.

### 2. What degree or certificate is contemplated, if any?

The major in dance will be offered under the Bachelor of Arts degree and the Bachelor of Science in Physical Education degree. No certification will be involved.

### 3. List the course offerings to comprise the program. Which of these courses will be new ones?

1. 1 1/2 hour technique class daily (8 semesters)
2. Theory and composition (2 semesters)
3. Introduction to dance
4. Accompaniment for dance
- \*5. Kinesiology (P.E. 431)
- \*6. Children's creative rhythms (P.E. 329)
7. Methods of teaching modern, folk, and social forms
8. Production planning
9. Senior recital
10. Ethnic dance

\*Speech 211 (Stage makeup) 1 hour

\*Speech 334 (Costume and lighting) 3 hours

All of these courses will be new except \* P.E. 329, P.E. 431, Speech 211, Speech 334.

4. Outline a semester-by-semester curriculum for the proposed program.

B.A. DEGREE - DANCE MAJOR

FRESHMAN		JUNIOR	
P.E. 111	1	P.E. 113 Dance Tech.	1
P.E. 113 Dance Tech.	1	P.E. 324 Acc. for Dance	2
P.E. 113 Social Dance	1	Fine Arts (P.E. 3313)	3
P.E. 132 Intro. to Dance	3	Government	3
Math	3	Social Science	3
English	3	Minor + Electives	3
Language	4		<u>15</u>
	<u>16</u>		
P.E. 113 Folk Dance	1	P.E. 113 Dance Tech.	1
P.E. 113 Dance Tech.	1	P.E. 431 Kinesiology	3
Fine Arts	3	P.E. 329 Childrens Rhythms	2
English	3	Speech 334	3
Math	3	Government	3
Language	3-4	Social Sciences	3
History	3		<u>15</u>
	<u>17-18</u>		
SOPHOMORE		SENIOR	
P.E. 113 Dance Tech.	1	P.E. 113 Dance Tech.	1
P.E. 224 Theory + Comp.	2	P.E. 327 Ethnic Dance	1
Speech 211	1	P.E. 425 Production Plan.	2
English	3	Minor + Electives	12
Language	3		<u>16</u>
Lab. Science	4		
History	3	P.E. 113 Dance Tech.	1
	<u>17</u>	P.E. 424 Theory + Comp.	2
P.E. 113 Modern Jazz Dance	1	P.E. 326 Methods M.F.S.	2
P.E. 113 Dance Tech.	1	P.E. 410 Senior Recital	1
English	3	Minor + Electives	10
Lab. Science	4		<u>16</u>
Language	3		
Minor	6	Major 18 hrs. at Jr. & Sr. rank	
	<u>18</u>	Minor 6 hrs. at Jr. & Sr. rank	

B.S. in PHYSICAL EDUCATION DEGREE - DANCE MAJOR

FRESHMAN

P.E. 111	1
P.E. 113 Dance Tech.	1
P.E. 113 Social Dance	1
P.E. 132 Intro. to Dance	3
Biol. 141 or Chem.	4
English	3
Math or Lang.	3-4
	<u>16-17</u>

P.E. 113 Folk Dance	1
P.E. 113 Dance Tech.	1
P.E. 113 Modern Jazz Dance	1
English	3
Math or Lang.	3-4
Biol. 142 or Chem.	4
History	3
	<u>16-17</u>

SOPHOMORE

P.E. 113 Dance Tech.	1
P.E. 224 Theory + Comp.	2
Speech 211	1
English	3
Zoo. 243	4
History	3
Minor	3
	<u>17</u>

P.E. Dance Tech.	1
English	3
Government	3
Social Science	3
Minor	6
	<u>16</u>

JUNIOR

P.E. 113 Dance Tech.	1
Fine Arts (P.E. 3313)	3
P.E. 324 Acc. for Dance	2
Speech 334	3
Government	3
Social Science	3
	<u>15</u>

P.E. 113 Dance Tech.	1
P.E. 329 Childrens Rhythms	2
P.E. 431 Kinesiology	3
P.E. 327 Ethnic Dance	1
Minor + Electives	9
	<u>16</u>

SENIOR

P.E. 113 Dance Tech.	1
P.E. 425 Production Planning	2
P.E. 424 Theory + Comp.	2
Minor + Electives	12
	<u>17</u>

P.E. 113 Dance Tech.	1
P.E. 410 Senior Recital	1
P.E. 326 Methods M.F.S.	2
Minor + Electives	12
	<u>16</u>

18 hours advanced major work in major.  
6 hours advanced work in minor.

5. What special requirements will be enforced? If a graduate degree is contemplated, is a thesis required? If not, what will be substituted?

Daily technique classes must be taken each term. This is an undergraduate program.

6. Has the proposed program, or one similar to it, been offered in this institution at any time prior to this request?

No.

7. How many similar programs are offered elsewhere in Texas, and where?

Dance majors are offered at the following Texas institutions:

1. Southern Methodist University
2. Texas Christian University
3. Texas Woman's University
4. Sam Houston State College
5. Texas University
6. Texas University at El Paso

8. Justify the need for the proposed program.

There is no institution in this large geographical area that offers such a major. As the dance program at this College has grown in reputation, student demand for this major has increased steadily. The contribution of this Department, particularly in the area of dance, has been substantial to the College fine arts program and to other departments on the campus. Therefore a major in dance which is designed for the performing and fine arts should be of great benefit not only to this Department but the Departments of Drama and Music as well. In addition, this major should enhance such fine arts programs in the city as the Lubbock Civic Ballet, the Little Theatre and similar cultural activities.

9. Is the proposed program approved by the institution's Board of Directors?

No. This is the first time this major has been presented.

### III. PROJECTED ENROLLMENT

10. Project the enrollment for the proposed program for the next five years. Explain the basis for this projection.

There is current evidence given by students who have requested this major that from 15 - 30 students would initially enroll as majors in this program. This number would be at least doubled in the first five years. With the continuous increase in enrollment of women students on this campus and the great increase in the number of majors in this Department, this is a conservative estimate.

11. Explain the likely source of students who will enroll in this program. (Will they come from existing programs or will they be attracted to the institution to enroll in the proposed program?)

The source of students who will enroll in this program are:

- a.) Students on the campus who have already expressed a desire for this major.
- b.) High school physical education students.
- c.) Civic Ballet students who wish to continue professional study
- d.) Pupils from private dance studios who wish to pursue college training.
- e.) Drama, music, and visual arts students.



Undoubtedly this major will attract students to the institution since many inquiries have been made concerning the opportunities here for specialization in dance. Because of the reputation of the dance personnel here and that of the Department throughout the State it is reasonable to assume that this major will attract students from throughout the state.

#### IV. FACULTY

12. Give the number of persons presently on the faculty who will be most directly involved in the proposed program. List for each his name, rank, highest degree, and present course load.

Although the majority of the faculty in this Department are qualified to teach in certain areas of dance, two specialists in ballet and modern dance would be the persons most directly involved in this program. Since these areas require specialized training rather than higher degrees, their experiences are listed below.

1. Mrs. Suzanne Aker, Assistant Professor, B.A., Teaching Load - 12 hours.

Private Teachers: Hanya Holm  
Jose Limon  
Celli  
Ballet Theatre  
Yvonne Chouteau  
Jose Cansino

Publications: Dance Magazine  
The Instructor  
Texas Association for Health, Physical Education  
and Recreation  
Journal of Health, Physical Education and  
Recreation

Grants: State appropriated research grant in Dance  
History, summer, 1967-1968.

Choreographer: Lubbock Civic Ballet  
Tech Dance Theatre  
Experimental Circle  
Gothic Dance Guild  
Tulsa Little Theatre  
Tulsa Symphony  
University's Children's Theatre (Tulsa)

Guest Teacher: Oklahoma Dance Master's Assoc. Midwest Dance  
Teacher's Assoc.

Professional: Burch Mann Folk Ballet

2. Patricia Reid, Assistant Professor, Bachelor of Fine Arts,  
Teaching Load - 12 hours.

Professional Teaching Experience:

1. Virginia Tanner - University of Utah -  
Extension Div.
2. Idyllwild Arts Foundation - University of  
Southern California

Worked Productions Under:

Alwin Nikolais  
Jose Limon  
Willam F. Christenson

Studied Under:

Modern Dance  
Virginia Tanner  
Bella Lewisky  
Daniel Nagrin  
Merce Cunningham  
Jose Limon  
Alwin Nikolais  
Murray Lewis  
Harriet Ann Grey  
Joanne Woodbury  
Shirley Ririe  
Elizabeth R. Hayes

Ballet  
Willam F. Christenson  
Bene Arnold  
D. Gordon Paxman  
Ruth Anna Boris  
Mary Clare Sale

Travel:

Toured the Middle East and Europe with Yovail  
Folk Dance Group, performed and also served as  
choreographer.

Summer Studies:

Perry-Mansfield School  
Idyllwild Arts Foundation

13. Calculate the present student-faculty ratio in the subject matter field or  
department in which the proposed program will be offered.

The ratio is 1 : 30.

14. Project the need for new faculty required for the proposed program for the next five years. If the proposed program will be absorbed in part or in whole by the present faculty, explain how this will be done.

Currently, the two dance specialists would be adequate to start the program. There are other staff members who are well qualified to teach some of the courses. Additional specialists will be needed as the program grows. In 1969 a third dance specialist will be needed.

15. Will acquisition of new faculty for the program require an unusual outlay of funds or unique recruiting techniques?

Acquisition of new faculty will not require an unusual outlay of funds or unique recruiting techniques. Salary for new faculty would depend upon background and experience and would be equitable with those of the same professional rank in other areas. The same methods of recruiting are used for dance teachers as are used for other members of the faculty for this Department.

16. Describe the involvement of the faculty, present and projected, in research, extension, correspondence, and other activities. Are teaching loads of faculty reduced if they engage in these activities?

Currently research by faculty members is being done in the following areas:

1. Children's Creative Dance
2. Dance History

Dance Teachers work with:

1. The University Theatre
2. Music Department
3. The Museum
4. Home Economics
5. Civic Ballet

Teaching loads are not reduced for these activities.

At the present time, dance teachers are not involved in extension or correspondence courses. It is hoped that an extension school will be established sometime in the future for students under college age.

## V. LIBRARY

17. Are present library holdings in relevant fields adequate now to begin the proposed program? How will the library have to be improved to meet program needs in the next four years?

The present library holdings in the fields of health, physical education, and recreation and dance are very adequate for this proposed program. Related fields of music and drama are also adequate. There are approximately 2,000 volumes that deal with health, physical education, recreation and dance.

18. Are there libraries of other institutions which are being used or can be used by faculty and students in the proposed program?

No.

19. Estimate the total expenditure for the last two complete fiscal years for library acquisitions in the departments or subject matter fields in which the proposed program will be offered, or in fields which are closely related to the proposed program.

The total expenditure for the last 2 years on library acquisitions for this Department was \$800.00.

20. Project library expenditures to be budgeted annually for the next five years to meet the need of this program.

The amount allocated to this Department for library acquisitions has been \$400.00 a year. It is assumed that this same amount will prevail in future years until more funds are made available to the library. At least one-third of this amount will be spent on dance materials.

## VI. FACILITIES AND EQUIPMENT

21. Describe existing facilities that are available for the proposed program. Describe the present utilization of these facilities. What new facilities will be needed in the near future? Specify what special facilities and equipment will be needed and estimate their cost. From what source do you anticipate obtaining needed facilities and equipment?

There is one teaching station for dance classes. This room is adequate at the present time for teaching dance classes in the service program and in the professional program. This room is utilized from 7:30 a.m. until 5:30 p.m. daily, and is used two nights a week for classes.

When funds are available for an addition to this building another room will be included for dance. It is expected this addition will be possible in the next ten years through the college building funds.

Class rooms on the campus are available for the teaching of theory courses. Also, facilities for performances have been made available in other buildings on the campus, but no theatre for performances is available.

Funds for such equipment such as record players are made available through the M.E.T. departmental budget. This budget has been adequate to supply the necessary equipment.

#### VII. ADMINISTRATION OF PROPOSED PROGRAM

22. Will the proposed program affect the administrative structure of the institution? If yes, describe how. In what department, division, school or college will the proposed program be administered? If the program is to have inter-departmental or inter-unit administration, explain in detail.

This program will not affect the administrative structure of the institution. It will be administered through the Department of Health, Physical Education and Recreation for Women in the School of Arts and Sciences.

#### VIII. ACCREDITATION

23. Describe the requirements for accreditation, if program is eligible to be accredited.

This program is not eligible for accreditation.

#### IX. SUPPORTING FIELDS

24. Evaluate the subject matter fields at your institution which may be considered as necessary or valuable, in support of the proposed program? Will these fields need improvement? If so, how, to what extent, and at what cost? Be specific.

The Departments of Music, Art, and Speech will be of considerable value to this program. These departments have excellent reputations not only on this campus but throughout the State.

#### X. COST OF PROPOSED PROGRAM

25. Estimate the initial (first year) costs of the proposed program. How much of this will be absorbed in current budgets and how much will be newly appropriated money? Will Federal or private financial assistance be sought? If yes, explain.

The initial cost of the proposed program will be absorbed in the current budget for this Department. At the present time there is no plan for seeking Federal or private financial aid for this program.

26. Estimate the annual cost of the program for the three years following its first year.

The operation of this program will be conducted exactly as the dance program and other major programs have always been handled - through the departmental budget. It is logical to expect a normal increase in funds from M.E.T. and for salaries as this program progresses. It is expected that another dance specialist will be needed in 1969 which will require additional funds of \$8,000 - \$10,000 for salary. The percentage of increase in M.E.T. will depend upon the increase in majors in dance. For the most part, any equipment needed in this area can be obtained through the increase in budget based on the total increase in enrollment in the Department.

As the program matures, a production budget will be necessary which is estimated at \$1,000 a year.

27. Departmental Costs.

- A. Show the departmental operating expenditures for the last two fiscal years for the departments which will contribute significantly to the support of the proposed program.

The Department of Health, Physical Education and Recreation for Women will be the major contributor to this program.

1965-66	\$118,220.00
1966-67	\$138,785.00

- B. How will the proposed program affect the allocation or distribution of these funds?

The funds to support the major in dance will depend upon the enrollment in this program and will share the funds accordingly.

28. What additional funds for research will be needed to support the proposed program?

No additional research funds will be needed.

29. How many graduate assistantships are considered desirable to begin the program? Estimate the amount of funds required for these assistantships over the next four years. What sources are available to support these assistantships? Will student aid funds be needed for undergraduates other than those provided for all undergraduates?

1968		
1969	1 graduate assistantship	\$2,400
1970		
1971	1 graduate assistantship	\$2,400
	Total	\$4,800

State funds would be used for these assistantships. Student aid funds will not be needed.

30. Add any comments which would be helpful to the Coordinating Board in evaluating this program request.

Texas Technological College  
Department of Speech

DESCRIPTION OF PROPOSED PROGRAM

1. What is the title and nature of the proposed program?

A program of study leading to the degree of Master of Science in Speech Pathology and Audiology.

2. What degree or certificate is contemplated, if any?

The degree of Master of Science in Speech Pathology and Audiology.

3. List the course offerings to comprise the program. Which of these courses will be new ones?

The following list comprises the course offerings for the program. There are no new speech courses required for the program.

Speech 531 (or 511 or 521) Studies and Problems in Speech  
Speech 535 Seminar in Audiology: Psychophysics of Audition  
Speech 536 Seminar in Speech Pathology: Articulation and Voice Disorders  
Speech 5311 Seminar in Speech Pathology: Organic Speech Disorders  
Speech 5312 Seminar in Speech Pathology: Stuttering  
Speech 5313 Seminar in Audiology: Aural Rehabilitation  
Speech 5314 Seminar in Audiology: Advanced Clinical Audiology  
Speech 5326 Graduate Clinical Practice - Speech  
Speech 5327 Graduate Clinical Practice - Hearing  
Speech 5341 Seminar in Speech Pathology: Language Disorders in Children  
Speech 5342 Seminar in Speech Pathology: Language Disorders in Adults  
Speech 631 Master's Thesis (Must be taken twice)

4. Outline a semester-by-semester curriculum for the proposed program.

Since factors affecting each candidate, such as his previous studies, must be taken into account, it is not feasible to set up a semester-by-semester course of study applicable to all.

5. What special requirements will be enforced? If a graduate degree is contemplated, is a thesis required? If not, what will be substituted?

Students entering into this program will be required to complete six hours of statistics. This requirement may be completed at the undergraduate level. Statistical courses taught either in the department of Mathematics or the department of Psychology may satisfy this requirement. In addition, a thesis will also be required. A foreign language requirement will not be a part of this degree program.



6. Has the proposed program, or one similar to it, been offered in this institution at any time prior to this request?

For approximately the last ten years students have been able to complete a Master of Arts degree in Speech with a major interest in Speech Pathology or Audiology. The need for a modification of the existing program is specified in number eight below.

7. How many similar programs are offered elsewhere in Texas, and where?

Master's degree programs in this field of one type or another are known to exist at the following Texas institutions:

University of Texas  
University of Houston  
Abilene Christian College  
Texas Christian University  
Southern Methodist University  
Texas Woman's University  
North Texas State University  
East Texas State University  
Southwest Texas State College  
Texas Technological College

8. Justify the need for the proposed program. Be precise.

In general the growth of master's degree programs in Speech Pathology and Audiology has been made mandatory by membership and certification requirements of the American Speech and Hearing Association. Membership and certification requires a master's degree. As a matter of fact, as of 1970 government support through some governmental agencies will require that training programs be fully accredited with the American Speech and Hearing Association. This implies that the master's degree be offered.

Specifically the reason for the Master of Science degree in Speech Pathology and Audiology is to give a more flexible program to meet student interests and needs. Students who fully intend to continue their studies beyond the master's degree, in other words those who contemplate a Ph.D., will be encouraged to complete the present Master of Arts program which includes a language requirement. Those students for whom the master's degree is apt to be terminal, in other words, those who wish to become practitioners in the field, will be encouraged to complete a Master of Science degree in Speech Pathology and Audiology. The latter program with its emphasis in statistics will give such students a necessary background for understanding the literature within the field and enable them to perform independent research in the various settings where they may be employed. This does not say that those students intending to get the Master of Arts degree do not need the statistical background. In fact they do and shall be encouraged to participate in a statistical program of one sort or another. However, courses in statistics are not a specific requirement of the Master of Arts degree.

In a 1966 report compiled by the Research Committee, Graduate Studies, and Instruction Interest Group, Speech Association of America, it was found that of fifty-three schools surveyed who had master's degree programs in Speech, forty-three did not require a foreign language. Nine required one language and one school required two languages. Thus it is seen that the preponderance of schools do not require a foreign language for speech master's degree candidates. The present degree proposal will keep the speech pathology and audiology training program at Texas Technological College in line with present trends around the country.

9. Is the proposed program approved by the institution's Board of Directors? When?

This program must yet be cleared through the School of Arts and Sciences Academic Programs Committee, through the Dean of Arts and Sciences, and through the institution's Board of Directors.

#### PROJECTED ENROLLMENT

10. Project the enrollment for the proposed program for the next five years. Explain the basis for this projection.

The Speech Pathology and Audiology program at Texas Technological College expects to have nine full-time graduate students and six part-time graduate students during the 1967-68 school year. By 1972 it is anticipated that the graduate enrollment shall probably increase to somewhere between twenty to thirty full-time students and an unknown number of part-time students. In essence this growth will come about largely as a result of new membership and certification requirements in the American Speech and Hearing Association, which requires a master's degree. In other words, Speech Pathology and Audiology is essentially a graduate program. Schools all over the country are putting less emphasis on the undergraduate degree and greater emphasis on the graduate degree.

11. Explain the likely sources of students who will enroll in this program. (Will they come from existing programs or will they be attracted to the institution to enroll in the proposed program?)

It is estimated that by 1972 at least fifty percent and possibly as many as seventy-five or eighty percent of our undergraduate students will stay to participate in a master's degree program. Also, we expect to enroll a number of graduate students coming from smaller colleges in Texas and elsewhere which have a four year program only.

FACULTY

12. Give the number of persons presently on the faculty who will be most directly involved in the proposed program. List for each his name, rank, highest degree, and present course load.

Number of persons: Five

William K. Ickes, Professor of Speech and Director of the Speech and Hearing Clinic.

Ph.D., Southern Illinois University, 1960

Present course load, 12 semester hours

George F. Swenson, Associate Professor of Speech

Ph.D., University of Southern California, 1956

Present course load, 12 semester hours

Patrice M. Costello, Associate Professor of Speech and Education

Ph.D., University of Colorado, 1963

Present course load, 12 semester hours

Robert D. Olson, Associate Professor of Speech

Ph.D., Northwestern University, 1965

Present course load, 12 semester hours

Helen A. Lindell, Assistant Professor of Speech

M.A., University of Wisconsin, 1945

Present course load, 12 semester hours

13. Calculate the present student-faculty ratio in the subject matter field(s) or department(s) in which the proposed program will be offered. (Divide full-time equivalent students by full-time equivalent faculty.)

Faculty-student ratio in the Speech Department is 1:20.16.

14. Project the need for new faculty required for the proposed program for the next five years. If the proposed program will be absorbed in part or in whole by the present faculty, explain how this will be done.

Since this is not so much a new program as it is an alternative choice in degree requirements for an existing program, no special faculty will be necessary. Any additions in faculty will be made necessary because of the growth of the program which will take place whether this particular degree is approved or not.

15. Will acquisition of new faculty for the program require an unusual outlay of funds or unique recruiting techniques? Explain in detail.

As explained in number fourteen above, since this is not as much a new program as it is an alternative choice in degree requirements for an existing program, no additional faculty will be required except new faculty required to meet the expansion of the program which will take place whether this specific degree program is approved or not.

16. Describe the involvement of the faculty, present and projected, in research, extension, correspondence, and other activities. Are teaching loads of faculty reduced if they engage in these activities?

Approval of this degree program will in no way alter the participation of present faculty in research, correspondence, clinical activity, or any other activity. The speech pathology and audiology training program has high level staff members who are professionally competent in teaching, research, and clinical activity. It is fully expected that these men and women will continue to participate in all of these activities to the full extent of their capacities.

#### LIBRARY

17. Are the present library holdings in relevant fields adequate now to begin the proposed program? How will the library have to be improved to meet program needs in the next four years? (Refer to the need for books, periodicals, reference books, primary source materials, etc.)

The present library holdings in speech pathology and audiology are quite adequate for our current needs. This is particularly true for publications appearing in the last ten years. We have some need for older library materials particularly relative to the periodical literature. Attempts are being made to acquire these publications as rapidly as possible.

18. Are there libraries of other institutions which are being used or can be used by faculty and students in the proposed program? Explain in detail.

Methodist Hospital in Lubbock, Texas, has been most generous in allowing speech pathology and audiology students to use its medical library. This has been extremely helpful in view of the fact that speech pathology and audiology is frequently considered to be a para-medical area. Since Texas Technological College does not have a medical school, the holdings in the medical area in the Tech library are somewhat meager.

19. Estimate the total expenditure for the last two complete fiscal years for library acquisitions in the departments or subject matter fields in which the proposed program will be offered, or in fields which are closely related to the proposed program.

The Texas Tech librarian estimates a total of \$15,000.00 was spent for library acquisitions in speech pathology and audiology and closely related fields for the two previous academic years.

20. Project library expenditures to be budgeted annually for the next five years to meet the need of this program.

Estimated expenditures are as indicated below:

School year 1967-68	\$11,200.00
School year 1968-69	11,200.00
School year 1969-70	13,700.00
School year 1970-71	13,700.00
School year 1971-72	13,700.00

#### FACILITIES AND EQUIPMENT

21. Describe existing facilities that are available for the proposed program. Describe the present utilization of these facilities. What new facilities will be needed in the near future? Specify what special facilities and equipment will be needed and estimate their cost. From what sources do you anticipate obtaining needed facilities and equipment?

The present speech pathology and audiology training program is housed in a new speech and hearing clinic facility. This facility represents approximately 2,000 square feet in the north wing of the University Theater Building. The clinic was completed approximately three years ago. It should be pointed out that the speech and hearing clinic was almost too small for the training program at the time of its completion, and in the interim since its completion has now become grossly inadequate.

Efforts are currently being made to plan and construct a multidisciplinary rehabilitation center on the Texas Tech campus. Should such a center become a reality the speech and hearing clinic would move into that facility and become an integral part of the rehabilitation center. It is estimated that seventy-five to ninety percent of building costs and equipment will be financed by a federal agency, specifically the Vocational Rehabilitation Administration. The growth of the program and the need for new facilities will continue and will be present whether this degree program is approved or not.

#### ADMINISTRATION OF PROPOSED PROGRAM

22. Will the proposed program affect the administrative structure of the institution? If yes, describe how. In what department, division, school or college will the proposed program be administered? If the program is to have interdepartmental or inter-unit administration, explain in detail.

The speech pathology and audiology training program is currently a division of the Speech Department, which is in the School of Arts and Sciences at Texas Technological College. The approval of this degree program will in no way alter the administration of the speech pathology and audiology training program.



#### ACCREDITATION

23. Describe the requirements for accreditation, if program is eligible to be accredited. What is the name of the accrediting agency? What will be initial costs of accreditation and subsequent annual costs to maintain it? Identify basic criteria for accreditation and describe how these will be met.

Accreditation is not a part of this application. Speech pathology and audiology training programs may be accredited through the American Boards of Examiners of Speech Pathology and Audiology, which is a part of the American Speech and Hearing Association. At the present time the Texas Tech speech pathology and audiology training program is not accredited. Application for accreditation will take place within the 1967-68 school year. Such application is not related to the present request for a new degree.

#### SUPPORTING FIELDS

24. Evaluate the subject matter fields at your institution which may be considered as necessary or valuable, in support of the proposed program? Will these fields need improvement? If so, how, to what extent, and at what cost? Be specific.

Since speech pathology and audiology is essentially a behavioral science, majors in speech pathology and audiology are strongly encouraged to minor in psychology. Texas Technological College has a strong psychology program. No improvements are thought necessary, at least relative to establishing the degree which is the subject of this application.

#### COSTS OF PROPOSED PROGRAM

25. Estimate the initial (first year) cost of the proposed program. How much of this will be absorbed in current budgets and how much will be newly appropriated money? Will federal or private financial assistance be sought? If yes, explain in detail.

Approval of this degree will in no way alter current budgets. In other words, funds allocated for expenditure in speech pathology and audiology training program will be spent in the currently approved amounts regardless of whether this degree is approved or not.

26. Estimate the annual cost of the program for three years following its first year. (Use current formulas in arriving at your estimate.) Explain the rationale for your estimate.

Insomuch as the proposed degree is not so much a new degree as an alternative choice of statistics as a tool subject rather than a foreign language, there will be no real change in the cost of the program other than that which would result from a few additional students who may be attracted to it.

27. Departmental Costs:

(A) Show the departmental operating expenditures for the last two fiscal years for the departments which will contribute significantly to the support of the proposed program.

(B) How will the proposed program affect the allocation or distribution of these funds?

(A) Speech Department  
1965-66 \$133,198  
1966-67 148,886

Psychology Department  
1965-66 \$198,000  
1966-67 239,000

(B) The response to number 26 above would also apply here.

28. What additional funds for research will be needed to support the proposed program? Explain.

No additional new funds will be needed. This is not so much a new program as it is an alternative choice of degree in an existing program.

29. How many graduate assistantships are considered desirable to begin the program? Estimate the amount of funds required for these assistantships over the next four years. What sources are available to support these assistantships? Will student aid funds be needed for undergraduates other than those provided for all undergraduates? Explain in detail.

No graduate assistantships are needed beyond those available for the current program. Since this is a graduate program, no undergraduate student aid need be involved.

30. Add any comments which would be helpful to the Coordinating Board in evaluating this program request.

The use of this form seems somewhat cumbersome for the present application.

It should be reiterated that the speech pathology and audiology training program at Texas Technological College is well established and has been in existence for many years; therefore, this application does not involve adding additional classes or does not involve a request for additional funds for facilities or staff. This application is simply a request for an additional degree which gives students an option of completing a Master of Arts degree in Speech, or a Master of Science degree in Speech Pathology and Audiology. The major differences in these two are as follows:



Master of Arts degree in Speech (with an emphasis in speech pathology and audiology)

1. Requires 30 hours beyond the bachelor's degree.
2. Includes approximately 6 hours of an appropriate minor.
3. Requires a thesis.
4. Requires 12-14 hours of a foreign language. This is beyond the 30 hours indicated in 1 above and may be taken at the undergraduate or graduate level.
5. Does not include a requirement in statistics.
6. Recommended for students contemplating a Ph.D. degree.

Master of Science in Speech Pathology and Audiology

1. Requires 30 hours beyond the bachelor's degree.
2. Includes approximately 6 hours in an appropriate minor.
3. Requires a thesis.
4. Does not require a foreign language.
5. Requires 6 hours of statistics (not included in the 30 hours indicated in 1 above). This requirement may be satisfied at the undergraduate or graduate level.
6. Recommended for students for whom this may be terminal degree.

**Board Minutes  
February 10, 1968  
Attachment No. 32**

**Report to the Board of Directors  
Texas Technological College  
on the  
International Center for Arid and Semi-Arid Land Studies**

**by  
Thadis W. Box**

**for presentation  
February 10, 1968**

Report to the Board of Directors

Texas Technological College

February 10, 1968

THE ARID LAND CENTER CONCEPT

The concept of an arid land research center is not unique. In 1953, UNESCO published a listing of 90 institutes and agencies in 23 countries that were involved in arid land research. A directory, published last year by Patrice Paylore at the University of Arizona, listed over 200 agencies in 39 countries. We have developed a list of well over 300 agencies, universities, and institutes devoting some time to arid land problems.

Although many of these institutes are well established and have a long history of productive research, none has as broad a base or as far reaching goals as has Texas Tech's International Center for Arid and Semi-Arid Land Studies. We have found no other university that has dedicated its entire resources to the study of man and his problems in arid environments. None has chosen the study of aridity as its "special niche in the realm of higher education." None has developed multidisciplinary work that adds strength to all academic, research, and public service aims of the university in its search for excellence.

You gentlemen are to be complimented on the selection of arid land studies as the special mission for Texas Tech. I appreciate the opportunity to meet with you today and report our progress in implementing the concept. I will also outline our needs, both general and specific, over the next few years.

THE FACULTY STUDY

Studies of man in an arid or semi-arid environment are not new at Texas Tech. Since its beginning, there have been faculty members interested in problems of the dry portions of the earth. G. H. Sandy compiled 367 entries in his listing of publications by the Texas Tech faculty last year (copy attached).

In order to capitalize on Tech's background and insure maximum faculty participation in the ICASALS concept, Dr. Murray instituted a self-study in the fall of 1966. Although this study was designed primarily to determine the potential for development in the area of arid land studies, it reflected the general strengths and weaknesses of the university.

The study showed a strong undergraduate teaching program, a growing institution without burdensome traditions, and a young and vigorous faculty. Not only were special strengths for arid land work shown in the traditional fields of agriculture, geology, natural fibers, etc., but fields such as history, literature, music, architecture, economics, and others have well-qualified faculties and definite interests in arid land research.

Major weaknesses were shown in the number of research programs in the university, the lack of involvement in international affairs, the public service program, and graduate work.

The faculty study gave us several broad guidelines for the formation of the structure of ICASALS.

1. ICASALS should be developed to add strength to the academic, research, and public service mission of a multi-purpose university. Although the study of problems of dry lands was chosen as the central theme of the university, it must not prevent the development of programs necessary to a true university. It must never become a competing agency with the university.
2. The ICASALS concept must be broad based and truly multidisciplinary if it is to be a unique contribution to higher education. The center must never be dominated by a single discipline or organization.
3. ICASALS must allow for the involvement of the faculty in world problems. The public service responsibilities of the faculty must be strengthened and implemented both on a West Texas and world basis.
4. New incentives for research must be added to the Texas Tech structure.
5. ICASALS should provide flexibility for Texas Tech. Especially critical are problems of international travel and involvement, pay scales for special duties, purchase of equipment in foreign lands, holding of property, and other activities associated with educational and research programs outside the state.

To meet the needs at Texas Tech, ICASALS, Inc., was created as a special, nonprofit corporation to serve the International Center for Arid and Semi-Arid Land Studies and the parent institution, Texas Technological College. ICASALS, Inc., has been incorporated under Texas laws. Trade-mark protection for the logo, legal registration of the name, and tax exemption have been applied for. When a tax-exempt status is achieved, ICASALS can serve as an instrument to give Texas Tech the flexibility needed to develop in international areas.

#### GOALS AND ACHIEVEMENTS

The road to excellence in any academic field is long and arduous. It is apparent that for Texas Tech to develop competence in broad, multidisciplinary work such as we have chosen for our mission, it will take careful planning, patience, and total support by the board, administration, faculty, and students. I would like to report to you the goals we have set for the next five years and tell you of our accomplishments to date. Our goals can be grouped under six major headings:

1. To obtain acceptance of Texas Tech as a center for arid and semi-arid land studies
2. To obtain financial support for the center
3. To recruit international scholars for the program
4. To obtain major international contracts for the center
5. To establish a major interdisciplinary facility on the campus
6. To attract cooperating laboratories to the campus

These goals are not listed in any order of preference. Indeed, work must be done on all simultaneously.

Both Texas Tech and the International Center for Arid and Semi-Arid Land Studies need to work for general acceptance as a major center for the study of arid environments. Although several outstanding individuals in a number of departments enjoy some prestige in the area of arid land studies, Texas Tech is not generally recognized as a major university actually engaged in arid lands work. We must project the image of Texas Tech as a major institution now actually engaged in arid land work and capable of doing much more. This image must be projected both on campus, in the state, the nation, and internationally.

We have made good progress in projecting this image during the last few months. In the campus community the faculty self-study brought many people from different departments together and gave us an insight into what is now going on in research. We have continued to keep the faculty involved with working committees, planning groups, etc. We used \$9,642.00 from the organized research fund to initiate promising research among the faculty. This has helped our image as an organization developed to serve the university.

We have obtained good publicity nationally and state-wide through news releases, newsletters, publications, and through faculty participation in professional conferences. We have had good acceptance of our publication program. We have listed 43 faculty papers as contributions of the center. In addition, we have issued two bulletin type publications, three special reports, and one in-service bulletin. A listing of these is included in Appendix A. These publications, more than any other factor, have contributed to widespread acceptance in the academic community.

We have also gained valuable contacts through the preparation and presentation of a number of proposals to agencies and foundations. Even if these are not funded, a well-written proposal will help establish us as an institution capable of and interested in research work.

In many ways we have made more progress with international acceptance than we have in the United States. We are now sending about 4,000 newsletters quarterly to some 81 different countries. On my recent trip to Argentina, I found that the people knew of ICASALS and its objectives prior to my arrival.

We have written personal letters to over 300 scientists and institutions engaged in arid land research throughout the world and asked for their cooperation. Results have been overwhelming. We now have several thousand books, pamphlets, bulletins, and reprints that have been sent from these centers. These will be turned over to our library and will be available to our own faculty and students.

Reaction to the proceedings of the symposium held at Dr. Murray's inauguration have been very good. We plan to capitalize on symposia and conferences to get people on our campus and show them what we have here. We hope to hold at least one international conference each year. We have planned our next symposium for April 22, 23, and 24, to be held in Monterrey, Mexico. This symposium will be jointly sponsored by ICASALS, the Instituto Mexicano de Zonas Aridas, Instituto Tecnológico y Estudios Superiores de Monterrey, USAID Mexico, and the Universidad de Nueva Leon. We expect participation from at least a dozen Latin American countries.

A special faculty committee has planned a Fine Arts Festival for March 1969. This committee is working with the Artists Course, the University Speakers' Bureau, and other groups to make the festival a truly international event on our campus. A special grant of \$3,500.00 has been given by the National Endowment for the Arts through the Texas Fine Arts Commission for an original musical drama written especially for the festival.

In spite of our success, we need to continue our efforts to be known internationally. One of the best ways to achieve a favorable reputation is to make our faculty available for consultantships and job exchanges in other countries. Many times industry or a foreign country will pay travel expenses if we can supply a qualified consultant for a week to ten days. There is no better way to project the image of Texas Tech as a growing institution than to have well-qualified people on such assignments. Our teaching and research programs will be strengthened by allowing faculty members to gain breadth through short-term assignments. By prudent use of exchange professorships we can enhance our programs here and gain acceptance abroad.

We plan to establish an international advisory board of scientists, scholars, and businessmen. We have made a preliminary listing. We will need your help and suggestions in forming this board.

Another need is to coordinate the work now being done here on the campus and report this work to interested agencies. Work being done in the Water Resources Center, the Southwest Collection, the textile research lab, and all other groups now conducting work on arid environments should be reported through the ICASALS structure. The ICASALS newsletter can serve as a mechanism for calling our work to the attention of the world community.

In addition, ICASALS will develop special incentives and aids for developing research proposals. We have made some progress in this area. We now have an active file of all government agencies giving research grants or contracts with closing dates for application, major research interests, and the individual to contact in the agency.



We have developed similar files for southwestern and major United States foundations. We have checked the income tax returns from these foundations and determined the type of work that is actually supported. We hope to get this on computer tape within the next few months so that when a faculty member is interested in a particular type of research, we can tell him immediately who is interested in supporting his work and the correct person to contact.

We have a proposal preparation manual at the printer now to give information on writing an acceptable proposal. It will also list sources of funds available for research.

We are constantly adding to these files. We hope to maintain a complete, current record to tell a faculty member where and how to get financial support for his research idea.

As I stated in the beginning, we are certainly not the first to have the idea of an arid zone research center. There are several well-established programs in the United States and throughout the world. We have been working to obtain the cooperation of the other colleges, universities, and agencies doing arid land work. We do not want to leave the impression that we're trying to do all arid land research alone. We need their help.

We have developed a roster of agencies doing arid land work and have them on our active exchange list. Whenever my travels take me near one of these centers, I make an effort to visit it and discuss common problems. We hope that within the next few months we can develop informal working agreements with most of these centers that will prevent overlap and allow us all to strengthen our programs.

We at Texas Tech will provide services for science and industry not now available from other institutions, such as an arid lands information service and a scientist locator system. We must be able to give industry an answer if they come to us with a problem. If we can handle the problem here on campus, we will refer them to the proper department. If we cannot, we hope that our scientist locator service will be able to tell them who, if anyone, is working on their problem and how to get in touch with him. In order to do this, we will have to have a large computerized storage and retrieval system. As a first step in developing this system, we have authorized the development of an arid land thesaurus by one of the computer center's scientists. Dr. George Innis of our staff is working on a program to allow instant retrieval of interests and capabilities of our own faculty. This project, developed cooperatively between the Graduate School and our office, may serve as a model for a world-wide scientist locator system. We are working toward a cooperative project between the library, ICASALS, and the computer center for a feasibility study for the storage and retrieval system needed. As soon as the feasibility study is completed, we will seek funds for the establishment of such a program.

In summary, Texas Tech is not as well known as many other institutions now working in arid lands. However, we have made significant progress in establishing ourselves as a major center and we feel that in time we can become the major center for arid and semi-arid land studies in the United States.



#### OBTAINING FINANCIAL SUPPORT FOR THE CENTER

Perhaps the most pressing need of ICASALS at the present time is for continuing financial support. This need can be broken down into support for administrative expenses, publication and extension activities, research support, student scholarships and fellowships, support for new staff, and support for physical facilities. Some of these activities, such as the research efforts, can be supported almost totally from outside funds or foundation grants. Others, such as administrative costs and extension activities, are less likely to be supported from grants and must be paid for by the institution.

We must have continuing support for administrative expenses. We do not expect these to be excessive. We do not want or need a large staff because research work and the addition of specialist personnel will be done at the departmental level in the university. We do need a small staff of highly qualified people who will have maximum flexibility in the areas of travel and recruitment.

Support from foundations and other agencies for administrative expenses is difficult to obtain. Most of the administrative expenses must be paid from the general institutional budget or from overhead retention from grants and contracts. Regardless of the source, there must be a continuing source of funds for the normal operation of the program.

#### SUPPORT FOR EXTENSION ACTIVITIES

Another continuing need is for publication and extension activities. Like administrative expenses, support for public service activities are usually not available from private or foundation sources. Newsletters, symposium proceedings, etc., must be published periodically if the center is to continue to grow as a major information source.

A faculty committee has studied the establishment of an interdisciplinary journal on arid lands. They estimate that it will take approximately \$40,000 per year for the first three years for such a journal to become fully established. There is no doubt that there is a need for such a publication and that its establishment at Texas Tech will mark us as a progressive institution supporting the scholarly community of arid lands scientists. However, financial support must be obtained before such a journal can be established.

A continuing education program of conferences and symposia under ICASALS leadership will bring leaders to our campus and make the latest information available to students and people of West Texas. Major conferences will have to be financed from private or foundation funds.

#### SUPPORT FOR RESEARCH

The ultimate reputation of Texas Tech and ICASALS will depend on the quality and quantity of research conducted by people on the campus. Fortunately,

support for individual research projects is easier to obtain than support for administrative costs or extension activities. However, Texas Tech does not have a strong reputation in research, nor does it have a tradition of actively seeking federal and foundation sources for research.

An article published last year in Industrial Research showed Texas Tech as number 174 out of 200 institutions in the United States in receiving outside research support. Seven institutions in Texas obtained more research money than we did. We are making a concerted effort to correct this situation. We have processed proposals this academic year totaling \$1,540,585 or approximately five times the total amount received by the entire university last year. A listing of these proposals is contained in Appendix B. At the present time we have faculty committees working on several other major proposals. Before the end of the year we hope to submit requests for at least two million dollars from federal sources.

Contract research for government and industry should be a source of continuing support for the center. Institutions such as the Battelle Memorial Institute (over 100 million dollars annually) and Stanford Research Institute have built huge facilities through contract research. Most of these not-for-profit contract research institutions have concentrated on the physical sciences. An analysis of the type of work done by the top contract research agencies (Appendix C) indicates that few of the top groups are heavily involved in social science or biological science research. These are the very areas where ICASALS must develop.

Unfortunately, we started our push for federal money at a time when very little is available. More and more money is going for the Vietnam war and defense activities and less into scientific research. To add to our problems, we do not have any estimate as to the chances for success of these proposals. Major institutions may expect to obtain funding for up to three-fourths of the grants for which they write proposals. Other less well-known ones are satisfied with fifty per cent or less acceptance. We do not know what our success will be. Last year we set a goal of one million dollars per year in proposals to be submitted. We will almost double our goal this first year and hope to continue at a much greater rate.

In the process of developing these proposals, we have made many desirable contacts with granting agencies. Individual faculty members have put in long hours in proposal preparation. We think we can get funding for some of them. In every case where a well-written proposal has been presented, we have created a favorable new image for Texas Tech. With persistent effort on the part of our researchers, we should soon be in a position to share more fully in the research dollar.

Most universities have built their research programs on the federal dollar. As I stated earlier, we have started when federal money is in short supply. This may well work to our advantage. We must look more toward private industry for support. Much has been written lately about the need for private companies to support higher education and college research programs.

We feel the time is ripe for major cooperative research efforts between industry and universities in international research and development. We will start a feasibility study for such a cooperative industry-college project in Australia this month. We have indications others will develop. You gentlemen, as successful businessmen and directors of the university, can be invaluable to our international research program. You know our needs and our capabilities. We want to use our capabilities to serve our students, industry, and the world community.

Although the future for support of arid lands research is bright at Texas Tech, we cannot build a strong program on outside money alone. Those institutions which have been most successful in building strong research programs have found it necessary to have a solid base of continuing funds. Texas Tech is no exception. We do not have Hatch Act funds or land grant monies, nor do we have university lands or large endowments. We must develop a source of continuing funds for our long-range program.

Many excellent research ideas come from young faculty members who have not yet had an opportunity to establish themselves in their profession. We feel there is urgent need for \$50,000 to \$100,000 yearly of continuing money for seed money grants to our own faculty. This year we had only \$9,642 to distribute in seed money grants (Appendix E). Several of these grants will open doors for major funding from private or federal sources.

We think that seed money funds can be expended profitably in two ways. The first is to allow a faculty member with an idea to gather enough preliminary information to write a sound, defensible proposal to a granting agency. These preliminary grants can be to new people, as outlined above, or to established faculty members who want to open new areas of research. The second logical expenditure of such funds is to help complete research projects that have insufficient funds for publication of results. These types of research grants are usually small. They represent a calculated risk--the examination of an idea. Funds for such grants are not usually available from agencies or foundations. They must be supported by the institution through organized research or through the retention of overhead.

#### STUDENT SUPPORT

Financial support for scholarships and fellowships is sorely needed for the development of the arid lands program. We have one scholarship established by Sr. Lic. Emilio Portes Gil and another established by a faculty member. We should have at least 50 undergraduate scholarships in the various departments.

The need is especially pressing for graduate student fellowships and assistantships. A number of graduate students will be supported through the research projects that we receive. However, additional money is needed to allow us to bring outstanding foreign students on the campus and to allow for some of our promising students to do research in foreign countries. At the present time we are preparing a proposal to one of the major foundations for support for a

graduate student program that will allow both foreign and domestic students to spend part of their time in this country and part of it in a developing nation. In addition, we have made contact with the United States Agency for International Development, FAO, UNESCO, and other agencies which support foreign students in this country. We have been promised students from other arid lands through these sources.

#### New Staff

New staff interested in arid lands must be encouraged to join the Texas Tech faculty. With the current turnover rate at Texas Tech, there are 80 to 100 new professors hired each year. If we can provide incentives for people interested in arid land research to join our faculty, we should be able to develop a truly outstanding group in a very few years. We will assist department chairmen in recruiting these faculty members. We can let other graduate schools know of our interests through our publications. We have received a number of applications through our newsletter. These are forwarded to the appropriate department.

Our long-range plans call for the establishment of ICASALS professorships. These will be endowed chairs allowing us to bring in truly outstanding and internationally known individuals to serve on the faculty. These will be established as we obtain funds.

#### Physical Facilities

As the program develops, we will need additional physical facilities. One of our long-range needs will be for a suite of centrally located, attractive administrative offices. If the program is to be the special niche of Texas Tech in higher education, its facilities should be accessible and centrally located. They should reflect the importance of the mission in the university to foreign and domestic visitors alike.

However, the most pressing need in the area of physical facilities is for outdoor research laboratories. Several people have offered us the use of West Texas properties, but we need land over which we have complete control for research. The property must be handled strictly for experimental purposes. It should include farm lands, ranch lands, and lands not now used for any economic purpose. They should be located in representative portions of the High and Rolling Plains and the Texas Transpecos deserts.

As our international program develops we will need physical facilities in the foreign lands where we work. As ICASALS grows in stature, we feel that research properties will be given to Texas Tech or that such facilities can be obtained from the public domain under long-term lease arrangements.

In summary, the financial needs of ICASALS can be divided into three main categories: (1) Funds for continuing support of administrative and educational activities, (2) Seed money to help generate proposals for sponsored research, and (3) Expenditures for physical facilities. We have made some progress in obtaining these, but much more is needed.



#### TO RECRUIT INTERNATIONAL SCHOLARS FOR THE PROGRAM

Although funds and facilities are necessary for any program, it is people upon which programs must be built. If Texas Tech is to develop as a center of excellence for international arid and semi-arid land studies, it is essential that a number of internationally known scholars be attracted to the campus. We have set a goal of attracting at least 10 such scholars during the next 5 years. We visualize these people as being established scientists capable of obtaining outside support for their work after they are located on the campus. However, it will be necessary to guarantee funding for such people during their establishment period at Texas Tech.

There are several areas that must be strengthened. For instance, it is impossible to be a major arid land center without a strong atmospheric science program. We do not have a single meteorologist on the faculty. We must strengthen this area immediately if we are to do weather modification research, weather prediction research, tornado and dust storm control, and other projects vital to the development of arid lands. In addition to atmospheric sciences, we need to add strength in hydrology, archaeology, ethnology, geography, human physiology and health, international development, and other areas. In each case, the first step is to attract outstanding individuals to build the program.

In order to recruit such established scholars, we must be able to offer incentives beyond those received at their present institutions. Certainly, salary supplements will be necessary. However, these may not be as important as challenge and flexibility. We propose to establish a number of institutes to allow scientists independence, prestige, flexibility, and challenges that are not now available at other institutions.

Another consideration may be the extension of retirement age for scholars to allow a truly outstanding person who has passed the legal retirement age at his own institution to be brought on our campus under ICASALS' sponsorship on a non-tenure basis. He could remain in service to the university as long as he was mentally and physically active.

We must continue to seek support for chairs for outstanding scholars. We need to create institutes and other mechanisms for bringing them on our campus.

#### TO OBTAIN MAJOR INTERNATIONAL CONTRACTS FOR THE CENTER

Texas Tech does not have a tradition of international involvement. One of our pressing needs is to demonstrate Texas Tech's ability to conduct such international work. We propose that during the next few months maximum effort be made to obtain a contract in which we know we can produce. We can then establish a reputation based on actual production and demonstrated ability. We are now working on two such contracts.

We also propose the use of interested Texas Tech faculty as consultants in foreign work. If such agencies as the Food and Agriculture Organization of the United Nations, USAID, and private industry can utilize our personnel on

short-time bases, we can demonstrate the quality of work our personnel is capable of doing and at the same time get people into countries where direct contacts can be made. This will be done at little expense to the institution.

#### ESTABLISHMENT OF A MAJOR INTERDISCIPLINARY FACILITY ON CAMPUS

The university and the International Center for Arid and Semi-Arid Land Studies need to establish a major facility for interdisciplinary work on the university campus within the next 5 years. Several means of doing this are available to us. The National Science Foundation's Center of Excellence Program and other similar projects offer promise.

We have entered preliminary discussions with the National Institute of Health for an arid zone health center. Such a center would involve different disciplines and serve a need for the entire southwestern United States.

We have also proposed, under the Department of Defense's project Themis, the creation of an international studies program aimed primarily at the Islamic world. This center will involve people from many different disciplines in a common effort.

We are asking the support of a number of private foundations to help us establish a multidisciplinary center for excellence in arid environment studies.

We have received encouragement from all people we have contacted. However, we are discouraged at the possibility of attracting a million dollar center under present governmental spending policies. Our plans are to build a backlog of individual projects that will establish us as capable of becoming a center for excellence and make application after the Vietnam situation has eased and more funds are available.

#### TO ATTRACT COOPERATING LABORATORIES TO THE CAMPUS

As we build a reputation as a center of arid and semi-arid land studies, we should be able to attract cooperating agencies to the campus. The establishment of government and industry laboratories on or near the campus will allow us to utilize their personnel in research consultantships and as professors, etc. In addition, these laboratories usually provide funds and projects for graduate students which will strengthen our own research and graduate program. Several possible labs are in the discussion stage. Facilities such as the U. S. Department of Interior soil moisture lab, the U. S. Geological Survey underground water lab, the U. S. Forest Service range and wildlife lab, and others are being sought.

Progress has been made in some of these. The U. S. Geological Survey has stationed Dr. T. E. A. van Hylckama here to work with ICASALS. They have indicated that they will put more people here at a later date. Other agencies have indicated that they can also add people to our program when funds become available.

Our plans call for a concerted effort to keep abreast of developments and to attempt to bring these cooperating people here as needed.

#### POTENTIAL OF THE ICASALS CONCEPT

The experience of an intensive faculty self-study and a year of implementing the ICASALS concept on this campus has demonstrated that the choice of the study of arid environments as a major mission for Texas Tech was a sound one. Texas Tech has the basic requirements necessary for a good arid lands research program. With imaginative leadership at all levels, and with proper funding, Texas Tech can become a truly international center for arid and semi-arid land studies. The road to true leadership in this area will be a long one. It will have to be built on sound research programs and evidence of productivity from students, faculty members, administration, and Board members.

I believe the program has been successfully launched. From now on it is going to take patience, funds, and hard work from all of us at all levels.

Thank you.



APPENDIX A

PUBLICATIONS ISSUED BY ICASALS

Publications (monographs and bulletins)

1. Arid and Semi-Arid Lands--a Preview
2. Research in Arid Regions

Special Reports (information of local interest)

1. Research Farm Reports 1967
2. Reports on Agricultural Industries--Animal Husbandry Research
3. Proceedings of the Fifth West Texas Ranch Management Conference
4. A Summary of Agricultural Research at Texas Technological College, 1967

Contributions (journal articles and reprints)

1. T. W. Box, "Influence of Fire on South Texas Chaparral Communities," Ecology
2. G. W. Thomas, "World Hunger: A New Challenge for Texas Agriculture," Proceedings: 40th Annual Conference, Texas Agricultural Workers Association
3. G. W. Berry and C. E. Wade, "Arid and Semi-Arid Lands: The Site for New Cities?" Land Economics
4. Shirley Chapman, "Texas Water Resource Planning Faces Obstacles," National Civil Review
5. Herbert W. Grubb, "Optimum Utilization of Groundwater Resources," an original paper presented to the Western Agricultural Economic Research Council Committee on the Economics of Water Resources Development
6. Corwin C. Reeves, "Introduction to Paleolimnology"
7. T. W. Box, "Mechanical Control and Fertilization as Brush Management Practices Affect Forage Production in South Texas," Journal of Range Management
8. C. C. Reeves, Jr., "Lakes of the Texas Plains," Irrigation Age
9. Roy Sylvan Dunn, "Water Under the Bridge: Weather and Man in Texas," paper presented to the 1966 meeting of the Texas State Historical Association
10. William T. Parry and C. C. Reeves, Jr., "Clay Mineralogy of Pluvial Lake Sediments, Southern High Plains, Texas," Bulletin of the Geological Society of America
11. Grover E. Murray, "Water Resources Research for the Southwest," paper presented at the Southwest Water Resources Symposium
12. Roy Sylvan Dunn, "Weather in Texas," The Handbook of Texas
13. Roy Sylvan Dunn, "Drouth in Texas," The Handbook of Texas
14. T. W. Box, "Brush, Fire, and West Texas Rangelands," paper presented to 6th Annual Tall Timbers Fire Ecology Conference
15. T. W. Box, "Range Deterioration in West Texas," Journal of Range Management
16. Samuel E. Curl, "Growth and Development of the Bovine as Related to Certain Endocrine Factors," Journal of Animal Science

APPENDIX A (Continued)

17. Samuel E. Curl, "Lambing Rate as Influenced by Hormone-Induced Superovulation in Ewes Prior to Mating," Journal of Animal Science
18. G. W. Thomas, "Dry Lot Feeding: A Technique for Improving Flexibility in the Semi-Arid Southwest," Proceedings of New Mexico Cattle Growers Short Course
19. G. W. Berry, "Our Experiences with a Departmental Self-Study," Collegiate News and Views
20. Herbert W. Grubb, "International Center for Arid and Semi-Arid Land Studies at Texas Technological College," University Council on Water Resources
21. James W. Kitchen, Proceedings of the 1967 Southwest Park and Recreation Training Institute
22. Coleman A. O'Brien, "Suppression of Estrus in Fattening Heifers with Melengestrol Acetate (MGA)," Proceedings of the 18th World Veterinary Congress
23. Jules A. Renard, "Study Ternary Systems Equilibria: Water, Salts, Water-Soluble Solvents for the Purpose of Desalination of Sea and Pond Water," Journal of Chemical and Engineering Data
24. G. W. Thomas and Herbert W. Grubb, "The Multiplier Factor: An Opportunity for Economic Development," West Texas Today
25. Douglas F. Owen and R. D. Furr, "The Effect of Sulfur and Trace Minerals on Forage Sorghum Yield and Mineral Composition," Agronomy Journal
26. T. W. Box, "Trends in Undergraduate Education in Range Management," Journal of the National Association of Colleges and Teachers of Agriculture
27. T. W. Box, "Influence of Drought and Grazing on Mortality of Five West Texas Grasses," Ecology
28. Coleman A. O'Brien, "Effects of Melengestrol Acetate (MGA) on the Growth and Reproductive Physiology of Fattening Heifers," Journal of Animal Science
29. Coleman A. O'Brien, "Conception Rates and Growth Response in Heifers Following Variable-Term Treatment with Melengestrol Acetate (MGA)," Journal of Animal Science
30. Eric G. Bolen, "Nesting Boxes for Black-bellied Tree Ducks," Journal of Wildlife Management
31. Coleman A. O'Brien, "Use of Plastic Funnel in Sire Fertility Tests and Clinical Animal Breeding," The Southwestern Veterinarian
32. Coleman A. O'Brien, "Response of Ewe Lambs to Melengestrol Acetate (MGA) Following Induced Puberty," Journal of Animal Science
33. Coleman A. O'Brien and Charles F. Miller, "Effect of Melengestrol Acetate (MGA) on the Reproductive Physiology and Feedlot Performance of Ewe Lambs. I & II," Journal of Animal Science
34. D. Lynn Drawe and T. W. Box, "Forage Ratings for Deer and Cattle on the Welder Wildlife Refuge in South Texas," Journal of Range Management
35. Richard E. Wilde, "The Infrared Spectrum of  $\text{CH}_3\text{SiHD}_2$ ," Journal of Molecular Spectroscopy
36. D. Lynn Drawe, "Mid-summer Food Habits of White-tailed Deer on the Welder Wildlife Refuge," Journal of Range Management
37. T. W. Box, "Introduced Animals and Their Implications in Range Vegetation Management," Proceedings: Symposium on Exotics, American Association for the Advancement of Science
38. G. W. Thomas, "Progress and Change in American Agriculture"

APPENDIX A (Continued)

39. Dale Zinn, "Feedlot and Carcass Grade Characteristics of Steers and Heifers as Influenced by Days on Feed," Journal of Animal Science
40. Dale Zinn, "Beef Muscle Tenderness as Influenced by Days on Feed, Sex, Maturity, and Anatomical Location," Journal of Animal Science
41. Dale Zinn, "The Growth of Beef Carcass Tissues as Influenced by Time on Feed," Journal of Animal Science
42. T. W. Box, "Range Resources of Somalia," Journal of Range Management
43. T. W. Box and D. Lynn Drawe, "Influence of High Rates of Fertilization by Nitrogen on the Coastal Prairie Range," Journal of Range Management

APPENDIX B

PROPOSALS SUBMITTED TO GRANTING AGENCIES

INVESTIGATOR	TITLE	TOTAL AMOUNT	OVERHEAD
Dr. Joe A. Adamcik	Effect of Inorganic Materials on the Pyrolysis Patterns of Organic Compounds	\$ 53,271.28	\$ 2,236.41
Dr. Earl H. Gilmore	Wind Energy Research	87,985.00	17,985.00
Dr. Eric G. Bolen	Investigation of Golden Eagle-Livestock Relationships	34,691.40	5,781.80
Dr. Charles Ward Dr. Ellis Huddleston	Public Health Aspects of the Integration of Ground-Water and Surface-Water Use on the Texas High Plains	68,072.00	14,690.00
Dr. Dan M. Wells	Development of a Generally Applicable Mathematical Model for Management of Groundwater Resources	191,792.00	12,792.00
Dr. Chester Rowell	Floristic Reconnaissance of Arid and Semi-Arid Regions of Costa Rica	1,398.60	-0-
Dr. Raymond E. Meyer	Selection for Efficiency of Water Usage by Crop Varieties	182,390.00	46,694.40
Dr. Robert W. Gorden	Microbial Ecology of Playa Lake Ecosystems with Emphasis on the Function of Heterothrophic Bacteria	59,969.00	13,387.00
Dr. Richard A. Dudek Dr. Herbert W. Grubb	Optimal Agricultural Use of Groundwater Subject to Depletion	128,669.00	44,542.00
Dr. Mithcell Smith	The Search for Cohesive Factors in the Islamic Core Region	390,958.41	120,507.69
Dr. Mina W. Lamb	Additives to Grain Sorghum Fraction for Human Food	81,588.00	-0-
Dr. Herbert W. Grubb	A Structural Analysis to Estimate Importance of Irrigation Water to the Economy of the Southern High Plains of Texas	94,449.00	26,296.00

APPENDIX B (Continued)

INVESTIGATOR	TITLE	TOTAL AMOUNT	OVERHEAD
Agricultural Engineering Department	Investigation of Cattle Feedlot Management Systems to Reduce Water Pollution	\$ 81,500.00	\$ 31,220.00
Dr. Willie Ulich Dr. Raymond Meyer	Soil Surface Modification for Water Conservation in Semi-Arid Areas	81,730.00	25,749.00
Dr. Gene Hemmle	Composition of an Original Musical Drama Based on Gulliver's Travels in Arid Lands for the International Festival of the Arts	3,500.00	-0-

APPENDIX C

RESEARCH STRUCTURE OF MAJOR U. S. RESEARCH INSTITUTES

INSTITUTE	RESEARCH VOLUME IN MILLIONS	NUMBER OF PERSONNEL	% PHYS. & ENG. SCIENCE	% BIOL. & LIFE SCIENCE	% ECO. & SOC. SCIENCE
Battelle Memorial Inst.	83.0	5,900	75	7	18
Bjorksten Research Lab.	0.5	100	--	--	--
Booz, Allen Applied Research	10.0	670	85	5	10
Denver Research Inst.	6.2	480	--	--	--
Gulf South Research Inst.	0.8	40	17	17	66
Franklin Inst.	5.6	375	85	5	10
Houston Research Inst.	0.7	50	45	45	10
IIT Research Inst.	26.5	1,854	85	15	--
Arthur D. Little, Inc.	33.4	1,400	54	13	33
Mellon Inst.	6.3	559	70	30	--
Midwest Research Inst.	5.4	380	68	19	13
North Star Research Inst.	0.7	45	38	38	24
Research Triangle Inst.	3.8	274	33	33	33
Southern Research Inst.	4.8	435	35	65	--
Southwest Research Inst.	9.9	824	80	15	5
Spindletop Research	1.2	100	25	--	75
Stanford Research Inst.	50.0	3,012	42	12	46

APPENDIX D

SEED MONEY GRANTS GIVEN BY ICASALS

NAME	PROJECT	DEPARTMENT
Samuel Everett Curl	"The Physiological Effects of Low Levels of Air Moisture on Livestock"	Animal Husbandry
Ellis Wright Huddleston	"Establishment of a Collection of Insects of Arid Lands"	Entomology
Berthold C. Friedl	"Studies in Linguistics of Arid Lands"	English
James Roland Craig	"Neutron Activation as a Method of Prospecting in Arid Lands"	Geosciences
John H. Dowling	"Surface Resistivity Measurements in the High Plains of Texas"	Geosciences
David Bruce Jordan	"Studies in Environment Kinesiology: Central Nervous System Involvement in Kinesiological Performance"	Health, Physical Education & Recreation for Men
Van Mitchell Smith	"Translation of Arabic Historical Documents from Arid African Areas"	History
Idris R. Traylor	"Studies of Modern Balkan History"	History
Roy Sylvan Dunn	"Drouth as a Social Factor in the Arid Southwest"	Southwest Collection
James Skaggs	"Introduction to J. L. Hill's THE END OF THE CATTLE TRAIL"	Southwest Collection
Mary Helen McCarty	"An Electronic Music Composition for the International Festival of the Arts"	Music
Raymond E. Boche	"Simulation of Plant Growth"	Computer Center



TEXAS TECHNOLOGICAL COLLEGE  
Texas Technological College News  
Division of Information Services  
by Ronald Lee Hamm, Director  
February 10, 1968

LUBBOCK, Feb. 10--Texas Tech Board Chairman Roy Furr and Tech President Grover E. Murray Saturday announced receipt of a \$250,000 grant from the Moody Foundation of Galveston to construct a planetarium in connection with the proposed new \$6 million ICASALS and Museum Complex at Tech.

Foundation trustees said \$125,000 would become available with the beginning of construction and the remainder the following year.

"This generous and timely grant," said Furr, "which will cover cost of the planetarium as well as equipment, is indeed appreciated."

"The gift is especially appropriate," Dr. Murray said, "since the planetarium is intended for the educational enrichment of all and its purpose is in keeping with the philosophies of the Moody Foundation to promote 'health, science, education, and advancement and diffusion of knowledge and understanding among the people of Texas.'"

The new facility, which will be known as the Moody Planetarium in honor of Foundation founders William Lewis Moody, Jr., and Libbie Shearn Moody, will be one of the focal points of the new Museum Complex.

The planetarium will contain approximately 4,000 square feet in the main building, 500 square feet of corridor space, and 1,700 square feet of office space.

Building costs are estimated at \$186,000 with an additional \$5,500 allocated for seating of 85-100 persons.

Equipment will consist of a 30-foot projection hemisphere, Spitz A-3 planetarium projector, sound system, and auxiliaries costing \$43,600. A reflecting pool and terracing is estimated at \$15,000.

The present planetarium, located at the West Texas Museum, consists of a small adobe building with seating for 50, a small planetarium projector, and a 20-foot hemisphere built by hand from wood and paper.

Currently only one demonstration is given a week with average attendance of 25. Plans for the Moody Planetarium call for as many as 25 demonstrations a week, including three or four special demonstrations.

Facilities will be included for research, and demonstrations will be opened to all Tech students majoring in education, as well as geosciences and astronomy classes.

New equipment will permit scheduling of training classes in celestial navigation and will permit more use by astronomy clubs from a wider geographic area.

Board Minutes  
February 10, 1968  
Attachment No. 33A

THE MOODY FOUNDATION  
Galveston, Texas 77550

Robert E. Baker  
Executive Administrator

February 12, 1968

Mr. Bill Parsley,  
Vice President for Development,  
Texas Technological College,  
Lubbock, Texas.

Dear Mr. Parsley:

This will confirm our telephone conversation that The Moody Foundation has approved a grant of \$250,000 to Texas Technological College for the purpose of constructing a Planetarium in the new ICASALS Museum Complex. This grant will be paid on the basis of \$125,000 when construction is started on the project, and the balance of \$125,000 will be paid one year after that date.

The Trustees are happy to be able to assist Texas Technological College in the development of their new ICASALS Program and wish you continued success in your development program.

Kindest regards,

Very truly yours,

/s/ Robert E. Baker

Robert E. Baker,

REB:DE

C O P Y

TEXAS TECHNOLOGICAL COLLEGE  
Report on Academic Uses of Space to be Vacated  
Presented to the Campus and Building Committee on February 9, 1968  
By Dr. S. M. Kennedy, Vice President for Academic Affairs

One significant aspect of the building program presently underway or soon to get underway at Texas Tech is the question of the uses to be made of the space that will be vacated when the new buildings are completed. The recommendations which I should like to present are as follows:

1. The building to be vacated by the School of Business Administration should be allocated to the Department of English. As English moves into that building, scattered offices will be made available in Civil and Mechanical Engineering, the Journalism Building, and in several of the temporary buildings.
2. The new Biology Building will house all of the Biology Department with the exception of research laboratories in the attic of the Science Building for which restrictive Federal grants were secured. The new Biology Building should also provide short-term space for other laboratory disciplines, perhaps Agriculture. The space to be vacated in the existing Science Building should be utilized by Physics, Geosciences, and Atmospheric Science, a program which is closely related to Geosciences and which is presently under careful study.
3. The Textile Research Building addition will not provide relief for other areas.
4. The Architecture and Art Building will provide for a concentration of Architecture and Art and will vacate the bulk of the present Architecture Building. The space to be vacated will need to be very carefully considered and probably will provide some expansion for Engineering, Computer Science, and Data Processing. It would be premature to make a firm recommendation on the vacated Architecture Building.
5. The Chemistry Building addition will provide primarily for Chemistry; but, until the Chemistry program grows to larger dimensions, there can be some utilization by other laboratory disciplines. Here, once again, short-term relief for some aspects of Agriculture should be considered.
6. The new Law Building will provide handsomely for the Law School, and the buildings to be vacated by the Law School should provide expansion for the Placement Service, Engineering, etc.
7. The proposed new building for Music, if it is a completely new structure, would vacate a small building which has a large number of very small offices and could have several medium-size classrooms. The crowded conditions in Psychology might be relieved and some consideration should be given to moving one of the Foreign Language departments out of that building so as to provide growth for the remaining department.
8. The proposed addition for the School of Home Economics will not provide growth space for other disciplines. Removing all of Art from the present Home Economics Building should provide interim relief to a small degree.

9. Construction of the new Museum, which would vacate the present building, makes possible, with the legislative appropriation for remodeling, an excellent small classroom building. My recommendation is that the Department of Sociology and Anthropology, the Department of Philosophy, and the professors of Geography be housed in that building. Moving Sociology and Philosophy from the Administration Building will provide limited expansion space for the School of Education, although not sufficient.

10. Finally, when the new building for the Naval Reserve is constructed and the present Naval Reserve Training Center is vacated, I recommend that the Departments of Aerospace Studies and Military Science be moved to the vacated Naval Reserve Training Center building. The space which would be gained in the basement of the Social Science Building would provide some relief for the rapidly growing programs in History and Government.

The moves indicated in the paragraphs above obviously cannot be completed for at least three years. However, even when those shifts have been made, there will remain significant areas on the campus in which congestion will be severe. The Library is rapidly becoming crowded. The School of Agriculture is preparing a statement of space needs. The School of Engineering is currently preparing statements of increased needs. The School of Education will be submitting proposals to ameliorate and alleviate congestion. Areas in the School of Arts and Sciences will be extremely crowded. The Foreign Language-Mathematics Building is already much too small for the three departments that were moved there and cannot possibly suffice for the next decade. Expanded facilities are needed for Health, Physical Education and Recreation for Women, Health, Physical Education and Recreation for Men, Psychology, and Speech, to name but a few.

#### SUMMARY OF RECOMMENDATIONS:

1. The present Business Administration Building should be converted to the Department of English.
2. The space vacated by Biology should be allocated to Physics and Geosciences, including Atmospheric Science.
3. The present Naval Reserve Training Center should be allocated to Aerospace Studies and Military Science.
4. The present Museum Building should be allocated to Sociology and Anthropology, Geography, and Philosophy.
5. Recommendations for the present Architecture Building and the Music Building should await further developments.

Additional recommendations will be made subsequently.

Board Minutes  
February 10, 1968  
Attachment No. 35

TEXAS TECHNOLOGICAL COLLEGE  
Resolution to Implement H.B. 669  
Faculty Development Leaves

WHEREAS, The Sixtieth Legislature, in regular session, State of Texas, enacted H. B. 669, an act concerning faculty development leaves of absence for faculty members of state institutions of higher learning; and

WHEREAS, Section 3 of that act has directed the governing board of each institution of higher education to establish by regulations a procedure whereby the applications for faculty development leaves of absence are received by a committee elected by the general faculty for evaluation and whereby this faculty committee then makes recommendations to the governing board as to which applications should be granted.

NOW, THEREFORE, BE IT RESOLVED, That the Board of Directors of Texas Technological College in regular meeting this 10th day of February, 1968, does hereby direct the President of Texas Technological College to ensure the election of a committee by the general faculty to receive and to evaluate the faculty development leave requests and to make recommendations to the chief administrative officer of Texas Technological College regarding these leaves; and

BE IT FURTHER RESOLVED, That the President of Texas Technological College and his administrative staff shall then review the recommendations of the faculty committee and shall make final recommendation to the Board of Directors as to which applications should be granted; and

BE IT FURTHER RESOLVED, That final recommendation from the President shall be presented to the Board of Directors in full conformity with the various sections of H. B. 669 as enacted by the Sixtieth Legislature and recorded in Chapter 380 of Vernon's Annotated Civil Statutes, Article 2647C-2, pages 1-7.

60th Legislature - Regular Session

COLLEGES AND UNIVERSITIES - FACULTY MEMBERS -  
LEAVES OF ABSENCE

Chapter 380<sup>51</sup>

H. B. No. 669

An Act concerning faculty development leaves of absence for faculty members of state institutions of higher learning; and declaring an emergency.

Be it enacted by the Legislature of the State of Texas:

Legislative finding and purpose

Section 1. The Legislature finds that higher education is vitally important to the welfare, if not the survival, of Texas and the United States at this stage in history and that the quality of higher education is dependent upon the quality of college and university faculties. The Legislature finds, therefore, that moneys spent upon recognized means for producing an excellent system of public higher education is money spent to serve a public purpose of great importance. The Legislature finds further that a sound program of faculty development leave of absence designed to enable the faculty member to engage in study, research, writing, and like projects for the purpose of adding to the knowledge available to himself, his students, his institution, and society generally is a well-recognized means for improving a state's program of public higher education. The Legislature's purpose in establishing the faculty development leave program provided for by this Act is to improve further the higher education available to the youth at the state-supported colleges and universities and to establish this program of faculty development leaves as part of the plan of compensation for the faculty of these colleges and universities.

Definitions

Sec. 2. As used in this Act, unless the context otherwise requires:

(a) "Institutions of higher education" means an institution of higher education as defined under the provision of Chapter 12, Acts, Regular Session, 59th Legislature (1965), and including James Connally Technical Institute, except Public Junior Colleges and the Rodent and Predatory Animal Control Service.

(b) "Governing Board" means the body charged with policy direction of any institution of higher education.

(c) "Faculty member" means a person employed by an institution of higher education on full-time basis as a member of the faculty or staff and whose duties include teaching, research, administration, including professional librarians, or the performance of professional services but does not mean a person employed in a position which is in the institution's classified personnel system or a person employed in a similar type of position if the institution does not have a classified personnel system.



Granting the leave

Sec. 3. Upon application by a faculty member, the governing board of an institution of higher education may grant a faculty development leave of absence for study, research, writing, field observations or other suitable purpose, to a faculty member if it finds that he is eligible therefor by reason of service, that the purpose for which he seeks a faculty development leave is one for which a faculty development leave may be granted, and that granting leave to him will not place on faculty development leave a greater number of faculty members than that authorized. The governing board shall by regulation establish a procedure whereby the applications for faculty development leaves of absence are received by a committee elected by the general faculty for evaluation and whereby this faculty committee then makes recommendations to the chief administrative officer of the institution of higher education who shall then make recommendations to the governing board as to which applications should be granted.

Service required

Sec. 4. A faculty member is eligible by reason of service to be considered for a faculty development leave when he has served as a member of the faculty of the same institution of higher education for at least two consecutive academic years. This service may be as an instructor or as an assistant, associate or full professor or in an equivalent rank and must be full-time academic duty but need not include teaching.

Duration and compensation

Sec. 5. The governing board may grant to a faculty member a faculty development leave authorized by this Act either for one academic year at one-half his regular salary or for one-half academic year at his full regular salary. Payment of salary to the faculty member on faculty development leave may be made from the funds appropriated for teaching or instructional salaries, or such other funds as may be available to the institution for this purpose. A faculty member on faculty development leave may accept a grant for study, research or travel from any institution of higher education or from a charitable, religious or education corporation or foundation, or from any federal, state, or local governmental agency. A faculty member on faculty development leave may not accept employment from any other person, corporation or government, unless the governing board determines that it would be in the public interest to do so and expressly approves the employment.

Number on leave at any one time

Sec. 6. Not more than six percent of the faculty members of any institution of higher education may be on faculty development leave at any one time.



Rights retained

Sec. 7. A faculty member on faculty development leave shall continue to be a member of the Teacher Retirement System of Texas or of the Optional Retirement Program of the institution of higher education, or of both, just as any other member of the faculty on full-time duty. The institution of higher education shall cause to be deducted from the compensation paid to a member of the faculty on faculty development leave the deposit and membership dues required to be paid by him to the Teacher Retirement System of Texas or to the Optional Retirement Program, or both, the contribution for Old Age and Survivors Insurance and such other amounts as may be required or authorized to be deducted from the compensation paid any faculty member. A member of the faculty on faculty development leave is a faculty member for purposes of participating in the programs and of receiving the benefits made available by or through the institution of higher education or the state to faculty members.

Severability

Sec. 8. If any provision of this Act or the application thereof to any person or circumstance is held invalid, this invalidity shall not affect other provisions or applications of the Act which can be given effect without the invalid provision or application, and to this end the provisions of this Act are declared severable.

Emergency clause

Sec. 9. The importance of this legislation and the crowded condition of the calendars in both houses create an emergency and an imperative public necessity that the Constitutional Rule requiring bills to be read on three several days in each house be suspended, and the Rule is hereby suspended; and that this Act take effect and be in force from and after its passage, and it is so enacted.

Passed by the House on May 1, 1967: Yeas 140, Nays 4; passed by the Senate on May 10, 1967: Yeas 29, Nays 0.

Approved June 8, 1967.

Effective June 8, 1967.

Board Minutes  
February 10, 1968  
Attachment No. 37

TEXAS TECHNOLOGICAL COLLEGE  
Lubbock, Texas

Office of the Board of Directors

February 10, 1968

RESOLUTION IN APPRECIATION OF

DR. WILLIAM MARTIN PEARCE

WHEREAS, Dr. William Martin Pearce joined the faculty of Texas Technological College in the Department of History in September, 1936; and

WHEREAS, Dr. Pearce has served the College with distinction as Professor of History, Head of the Department of History, Associate Dean of the Graduate School, Vice President for Academic Affairs and Executive Vice President and, whereas, we recognize the energetic, excellent and wise leadership that Dr. Pearce has rendered to this institution; and

WHEREAS, Dr. Pearce has accepted the Presidency of Texas Wesleyan College, Fort Worth, Texas, and therefore submitted his resignation from Texas Technological College, effective February 29, 1968; therefore be it

RESOLVED, That the Board of Directors of Texas Technological College, in a meeting held on February 10, 1968, does hereby record its deep appreciation to Dr. Pearce for his outstanding service at the College; and be it further

RESOLVED, That the Board of Directors conveys to Dr. Pearce its very best wishes for his continued success in his new and all future positions; and be it

RESOLVED FURTHER, That this resolution be made a part of the Minutes of this Board Meeting and that copies of it be sent to Dr. Pearce and to Mr. Ed L. Baker, Chairman of the Board of Regents of the institution whose staff he will join on June 1, 1968.

WITNESS My Hand This 10th Day of February, 1968

ATTEST:

TEXAS TECHNOLOGICAL COLLEGE  
BOARD OF DIRECTORS

/s/ J. Roy Wells  
J. Roy Wells, Secretary

/s/ Roy Furr  
Roy Furr, Chairman

C O P Y

TEXAS TECHNOLOGICAL COLLEGE

Report to the Board of Directors  
by Dr. Grover E. Murray, President  
February 10, 1968

Mr. Furr: "The next item is the report of the President. Grover, . . ."

Dr. Murray: "I have only one thing I want to bring to your attention today and discuss with you. As you know, the Campus Planning Committee has been charged with the responsibility, working with our consulting architect, to develop a long-range plan. This would include recommendations regarding sites for buildings. There are many problems we face. An occasional walk around the campus would convince you the problem is not an easy one. We have some photographs to present to you a little later. It will spotlight for you some of the particular problems of parking, traffic, and the necessary and proper landscaping, sidewalks, and other additions to the campus in this regard.

"You see before you a map of the main buildings of the campus. It does not include the location of the Law School and certain of the agricultural facilities. This map is oriented with the north to the right, so you would be looking at it from the east side of the campus. The Administration Building is located here; the Science Complex in this area. Both student and faculty pedestrian traffic, as well as vehicular traffic, are very heavy on parts of the campus and at particular hours of the day; for example, in front of the Student Union, in front of the Library, around the Agriculture Building, around the Chemistry Building, around the Science Quad, in the area between the Textile-Chemical facilities--all areas of especially heavy traffic which are, in effect, worn out and need renovating and landscaping. It calls for brick work similar to that which was done around the Administration Building.

"Before showing you the slides, which will give you some feel for certain of the problems on the campus, I would like to point out the routes of the buses which are in operation on a trial basis for the spring semester. There are three main routes. The one shown in red has now been extended to the Coliseum. The yellow one covers this area and around the circle, coming on to this point, reversing, coming back again. The green route follows the area around the periphery of the main campus. The buses pass various points in an interval of a few minutes. We know by timing that it is extremely difficult to get from this area to other portions of the campus in the ten minutes between classes. Rather than going to a 15-minute interval, we have instituted this trial operation. The student body will vote on this later in the spring. I should also point out to you that other types of carriers are under consideration.

"To Mr. Schmidt Howard, if I may have the slides now.

"Indicating a slide This is a view of the campus facing toward the new Business Administration Building, looking north from Nineteenth Street, and shows you not only the traffic on Flint, but the parking on these areas and the parking lots in this area. It is anticipated that the Architecture-Art facility will be located here and will take up part of this parking lot."

Mr. Formby: "We can't see over here in the cheaper seats."

Dr. Murray: "For a fee we can arrange . . ."

Mr. Hinn: "I'll sell you mine pretty cheap. I saw this yesterday."

Dr. Murray: "I'm in the way now.

"Next slide This view is looking south from the north. These were all taken from a helicopter within a 30-minute period. The Administration Building is here, the Engineering Complex here.

"Next slide I think this gives you a pretty good over-all view of the number of automobiles with which we have to contend in parking on the campus. It begins to show a buildup of pedestrian traffic as class changes occur. These were taken on the first day of classes and are not completely representative of the heavy changes that take place, since on the first day some classes dismiss early to allow students to purchase books, etc.

"Next slide This is a view looking westward into the Science Quad. You begin to see the heavy flow coming out of the Chemistry Building. The worn-out areas in this region you can see quite easily.

"Next slide Here again you see the worn-out areas in this area. This is the Seismological Observatory. This is looking north.

"Next slide Another view of the Chemistry Building, showing the heavy buildup of traffic.

"Next slide This is looking south from the agricultural area toward the temporary buildings. The Foreign Language-Math Building is on to the south. You can see the paths that are developing.

"Next slide The shadows give a rather curious effect. This is looking toward the Agriculture Complex and shows what is happening to the grass area.

"Next slide This is looking to the north from directly over the Student Union Building. This is the west edge of the

Administration Building. You see the 100 percent occupancy of this parking lot and a worn-out area in this region. This gives you an idea of what can be done with the red and black bricks in giving the campus a nicer aesthetic appeal. You'll see another slide which shows the concentration of parking on the lot west of the stadium.

"/Next slide/ This view is looking east. This is the Administration Building. This is the street we propose closing when the new addition to the Chemistry Building is completed, cutting through here with a service street. The Biology greenhouses will have to be moved; and, because of the disturbances, both vehicular and pedestrian, the Seismological Observatory needs to be moved to a quieter portion of the campus.

"/Next slide/ This is looking to the southwest. You can see the heavy concentration of cars in this area.

"/Next slide/ Another view almost in the same direction. You can see walks and very heavy use here. Grass has not been able to develop here. There is heavy pedestrian traffic in this region and from this parking lot. This is all worn out.

"/Next slide/ Another view, essentially the same as the previous one.

"/Next slide/ This is a view looking to the southwest toward the Student Union Building. You can see the heavy pedestrian traffic and paths beginning to develop.

"/Next slide/ This is over the Library, looking to the southwest. This has been handled in excellent fashion with benches.

"/Next slide/ Looking to the northwest slightly. This is the quonset now used for storage, the Computer Center, Architecture, Civil Engineering. Again, a very badly worn-out area which needs renovation.

"/Next slide/ This view is looking to the south. You can see the paths being developed. These are dormitory parking lots.

"/Next slide/ A view looking eastward--the Math-Foreign Language Building, the Library. It shows the heavy concentration of cars in the lot south of the Business Administration Building. This is the proposed area for the Architecture-Art facility.

"/Next slide/ This is a view to the southwest showing the skyline beginning to develop in the area of the Wiggins Complex. Again it shows you the concentration of automobiles in various parts of the campus. It is estimated, when the Architecture-Art facility is

completed, we will have 500 faculty members operating from this area. We have had preliminary inquiries from outside sources regarding the construction of parking buildings. We are investigating the possibilities of that.

"Next slide This shows the concentration of cars in the area back of the Museum, the Administration Building, the dormitories-- a heavy concentration in that area.

"Next slide A general view to the northwest. This is the interchange of the Brownfield Highway and Fourth Street. This is on the first day of classes at approximately 10:30. This is one of the reasons the bus lines were arranged as they were.

"Next slide A view looking eastward. I don't spot myself. This is taken from above the new site of the Biology Building and shows the concentration of automobiles in that area. That's Science there.

"Next slide This is a view to the northeast--the Brownfield Highway, the Coliseum, Wiggins Complex--giving you an over-all view of the campus. This is the proposed location of the new Law School facility. The new Central Heating and Cooling plant is here.

"Next slide This is the interchange on the west side of the campus. This is the Matador off-campus housing project. This is where a medical school is proposed to be located, the Methodist Hospital being just off the slide. The university property runs in this direction. The research farm is in this area.

"Next slide This is looking to the north--the Central Heating and Cooling plant, the Coliseum--and shows the buildup of automobile traffic in the various areas.

"Next slide This is to the northwest, an over-all view of the campus. This is the large lot west of Wiggins, relatively unused. I'm sure the Law School will have plenty of facilities there, Mr. Allison."

Mr. Allison: "Show the Law School location."

Dr. Murray: "The Law School would be on this corner.

"Next slide This is the parking lot, and the proposed Law School location is here."

Mr. Allison: "That's a pretty good location."



Dr. Murray: "/Next slide/ I thought you would enjoy seeing this. This is the President's Home on the campus before any landscaping was done.

"/Next slide/ It shows what can be done with landscaping."

Mr. Hinn: "And 40 years."

Dr. Murray: "/Next slide/ This is in front of the Business Administration Building and shows the nice effect created by the addition of the walks and trees.

"I will be glad to answer any questions if you have them.

"Mr. Chairman, that's all I wanted to report to you. We will have a preliminary report on the long-range plan for you in April, and we hope to have the final plan by some time in the summer."



Board Minutes  
February 10, 1968  
Budget Attachment 1  
Account No. 191-4397

TEXAS TECHNOLOGICAL COLLEGE  
Department of Government  
Project: "Administrative Reorganization by Presidential Directive"  
For the Period September 1, 1967, through August 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1967-1968</u>
Allocation from the lump sum appropriation for the Office of the Dean of Arts and Sciences, Budget page 358A -----	1	\$ <u>1,750.00</u>
Total -----	2	\$ <u>1,750.00</u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1967-1968</u>
Professor and Chairman		
Lynwood M. Holland -----	3	\$ -0-
Principal Investigator		
Weldon Vernon Barton -----	4	1,750.00(a)
Research Assistant		
-----	5	-0-
Student Assistants and/or Part-time Help -----	6	-0-
Maintenance, Equipment and Travel -----	7	-0- (b)
Total Estimated Expenses -----	8	\$ <u>1,750.00</u>

(a) This contract to be dated June 1, 1968, through July 13, 1968.  
(b) Allocation for travel--none.

Board Minutes  
February 10, 1968  
Budget Attachment 2  
Account No. 191-4396

TEXAS TECHNOLOGICAL COLLEGE  
Department of Health, Physical Education, and Recreation for Women  
Project: "The Effect of Resistance, Plane and Magnitude of Movement  
on the Acquisition of an Arm Positioning Task"  
For the Period September 1, 1967, through August 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1967-1968</u>
Allocation from the lump sum appropriation for the Office of the Dean of Arts and Sciences, Budget page 358A -----	1	\$ <u>300.00</u>
Total -----	2	\$ <u>300.00</u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1967-1968</u>
Professor and Chairman		
Margaret Eileen Wilson -----	3	\$ -0-
Principal Investigator		
Doris Ann Horton -----	4	-0-
Research Assistant		
-----	5	-0-
Student Assistants and/or Part-time Help -----	6	300.00
Maintenance, Equipment and Travel -----	7	-0- (a)
Total -----	8	\$ <u>300.00</u>

(a) Budgeted allocation for travel--none.

Board Minutes  
February 10, 1968  
Budget Attachment 3  
Account No. 191-4395

TEXAS TECHNOLOGICAL COLLEGE  
Department of Journalism  
Project: "A Methodology for the Study of Communications Patterns  
of Persons Living in Semi-Arid Lands"  
For the Period September 1, 1967, through August 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1967-1968</u>
Allocation from the lump sum appropriation for the Office of the Dean of Arts and Sciences, Budget page 358A -----	1	\$ <u>600.00</u>
Total -----	2	\$ <u>600.00</u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1967-1968</u>
Professor and Chairman		
Wallace Earl Garets -----	3	\$ -0-
Principal Investigator		
Charles Laurel Allen -----	4	-0-
Research Assistant		
-----	5	-0-
Student Assistants and/or Part-time Help -----	6	200.00
Maintenance, Equipment and Travel -----	7	<u>400.00(a)</u>
Total Estimated Expenses -----	8	\$ <u>600.00</u>

(a) Budgeted allocation for travel--\$100.00.

Board Minutes  
February 10, 1968  
Budget Attachment 4  
Account No. 191-4394

TEXAS TECHNOLOGICAL COLLEGE  
Department of Philosophy  
Project: "Translation of Porphyry's 'Isagoge,' Boethius' 'De Division,'  
Boethius' 'Commentary on Cicero's Topics,'  
and Ammonius Hermiae's 'Commentary on Aristotle's de Interpretatione'"  
For the Period September 1, 1967, through August 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1967-1968</u>
Allocation from the lump sum appropriation for the Office of the Dean of Arts and Sciences, Budget page 358A -----	1	\$ <u>1,633.00</u>
Total -----	2	\$ <u>1,633.00</u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1967-1968</u>
Professor and Head		
Ivan Lee Little -----	3	\$ -0-
Principal Investigator		
James Francis Donaldson -----	4	1,583.00(a)
Research Assistant		
-----	5	-0-
Student Assistants and/or Part-time Help -----	6	50.00
Maintenance, Equipment and Travel -----	7	<u>-0-</u> (b)
Total -----	8	\$ <u>1,633.00</u>

(a) Contract for the period June 1, 1968, through July 13, 1968.  
(b) Budgeted allocation for travel--none.

Board Minutes  
February 10, 1968  
Budget Attachment 5  
Account No. 191-4393

TEXAS TECHNOLOGICAL COLLEGE  
Department of Psychology  
Project: "Information Transformations and Memory in Problem Solving"  
For the Period September 1, 1967, through August 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1967-1968</u>
Allocation from the lump sum appropriation for the Dean of Arts and Sciences, Budget page 358A ----	1	\$ 717.00
From the lump sum allocation for Research in Arts and Sciences, Budget page 330 -----	2	<u>283.00</u>
Total -----	3	\$ <u>1,000.00</u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1967-1968</u>
Professor and Chairman		
Theodore Andreychuk -----	4	\$ -0-
Principal Investigator		
Nathan Robert Denny -----	5	-0-
Research Assistant		
-----	6	-0-
Student Assistants and/or Part-time Help -----	7	700.00
Maintenance, Equipment and Travel -----	8	<u>300.00(a)</u>
Total Estimated Expenses -----	9	\$ <u>1,000.00</u>

(a) Budgeted allocation for travel--none.

Board Minutes  
February 10, 1968  
Budget Attachment 6  
Account No. 191-4704

TEXAS TECHNOLOGICAL COLLEGE  
Department of Biology  
Project: "Karyotypes and Karyotypic Variation of Small Mammals  
of the Texas Plains"  
For the Period September 1, 1967, through August 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1967-1968</u>
From the lump sum budgeted allocation for Research in the School of Arts and Sciences, Budget page 330 -	1	\$ <u>3,020.00</u>
Total -----	2	\$ <u>3,020.00</u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1967-1968</u>
Professor and Chairman		
Earl D. Camp -----	3	\$ -0-
Principal Investigator		
Robert James Baker -----	4	1,533.00(a)
Research Assistant		
-----	5	600.00
Student Assistants and/or Part-time Help -----	6	-0-
Maintenance, Equipment and Travel -----	7	<u>887.00(b)</u>
Total Estimated Expenses -----	8	\$ <u>3,020.00</u>

(a) Contract dated June 1, 1968, through July 13, 1968.  
(b) Budgeted allocation for travel--\$100.00.

Board Minutes  
February 10, 1968  
Budget Attachment 7  
Account No. 191-4705

TEXAS TECHNOLOGICAL COLLEGE  
Department of Biology  
Project: "Sensory Physiology and Host-Selection Mechanisms  
of Trombiculid Mites"  
For the Period September 1, 1967, through August 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1967-1968</u>
Allocation from the appropriation to the School of Arts and Sciences for Research, Budget page 330 --	1	\$ <u>2,502.48</u>
Total -----	2	\$ <u><u>2,502.48</u></u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1967-1968</u>
Professor and Chairman		
Earl D. Camp -----	3	\$ -0-
Principal Investigator		
John Edwin George -----	4	1,600.00(a)
Research Assistant		
-----	5	-0-
Student Assistants and/or Part-time Help -----	6	600.00
OASI -----	7	62.95
Maintenance, Equipment and Travel -----	8	<u>239.53(b)</u>
Total Estimated Expenses -----	9	\$ <u><u>2,502.48</u></u>

(a) Contract to be dated from noon July 13, 1968, through August 31, 1968.  
(b) Budgeted allocation for travel--none.



Board Minutes  
February 10, 1968  
Budget Attachment 8  
Account No. 191-4706

TEXAS TECHNOLOGICAL COLLEGE  
Department of Biology

Project: "Studies on a Simple Laboratory Aquatic Microcosm,  
II. A Comparison of the Microorganisms during Autotrophic  
and Heterotrophic Successions of the Systems"  
For the Period September 1, 1967, through August 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1967-1968</u>
Allocated from the budgeted appropriation for Organized Research for the School of Arts and Sciences, Budget page 330 -----	1	\$ <u>2,000.00</u>
Total -----	2	\$ <u>2,000.00</u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1967-1968</u>
Professor and Chairman		
Earl D. Camp -----	3	\$ -0-
Principal Investigator		
Robert Wayne Gorden -----	4	-0-
Research Assistant		
-----	5	-0-
Student Assistants and/or Part-time Help -----	6	-0-
Maintenance, Equipment and Travel -----	7	<u>2,000.00(a)</u>
Total Estimated Expenses -----	8	\$ <u>2,000.00</u>

(a) Budgeted allocation for travel--none.

Board Minutes  
February 10, 1968  
Budget Attachment 9  
Account No. 191-4707

TEXAS TECHNOLOGICAL COLLEGE  
Department of Chemistry  
Project: "A Proposed Synthesis of Tetrahydroambrosin (Dihydrodamsin)  
and Related Compound"  
For the Period September 1, 1967, through August 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1967-1968</u>
Allocation from the budgeted appropriation for Research in the School of Arts and Sciences, Budget page 330 -----	1	\$ <u>2,700.00</u>
Total -----	2	\$ <u>2,700.00</u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1967-1968</u>
Professor and Chairman		
Joe Dennis -----	3	\$ -0-
Principal Investigator		
John Norbert Marx -----	4	1,667.00(a)
Research Assistant		
-----	5	-0-
Student Assistants and/or Part-time Help -----	6	500.00
Maintenance, Equipment and Travel -----	7	<u>533.00(b)</u>
Total Estimated Expenses -----	8	\$ <u>2,700.00</u>

(a) Contract June 1, 1968, through noon July 13, 1968.  
(b) Budgeted allocation for travel--none.

Board Minutes  
February 10, 1968  
Budget Attachment 10  
Account No. 191-4708

TEXAS TECHNOLOGICAL COLLEGE  
Department of Geosciences  
Project: "Phase Equilibria Studies of Sulfide Type Ore Minerals"  
For the Period September 1, 1967, through August 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1967-1968</u>
Allocation from the budgeted appropriation for Research, School of Arts and Sciences, Budget page 330 -----	1	\$ <u>2,538.00</u>
Total -----	2	\$ <u>2,538.00</u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1967-1968</u>
Professor and Chairman		
Richard Benjamin Mattox -----	3	\$ -0-
Principal Investigator		
James Roland Craig -----	4	-0-
Research Assistant		
-----	5	-0-
Student Assistants and/or Part-time Help -----	6	-0-
Maintenance, Equipment and Travel -----	7	<u>2,538.00(a)</u>
Total Estimated Expenses -----	8	\$ <u>2,538.00</u>

(a) Budgeted allocation for travel--none.

Board Minutes  
February 10, 1968  
Budget Attachment 11  
Account No. 191-8217

TEXAS TECHNOLOGICAL COLLEGE  
Department of Park Administration, Horticulture, and Entomology  
Project: "Varietal and Cultural Research in Pomology"  
For the Period September 1, 1967, through August 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1967-1968</u>
From the budgeted allocation for Research in Agriculture, Budget page 358 -----	1	\$ <u>2,500.00</u>
Total -----	2	\$ <u>2,500.00</u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1967-1968</u>
Dean and Professor		
Gerald Waylett Thomas -----	3	\$ -0-
Professor and Chairman		
Elo Joe Urbanovsky -----	4	-0-
Principal Investigator		
Robert Rentoul Reed -----	5	1,400.00(a)
Research Assistant		
-----	6	-0-
Student Assistants and/or Part-time Help -----	7	300.00
Maintenance, Equipment and Travel -----	8	<u>800.00(b)</u>
Total Estimated Expenses -----	9	\$ <u>2,500.00</u>

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(a) Contract to be dated July 15, 1968, through August 24, 1968.  
(b) Budgeted allocation for travel--none.

Board Minutes  
February 10, 1968  
Budget Attachment 12  
Account No. 191-8218

TEXAS TECHNOLOGICAL COLLEGE  
Department of Park Administration, Horticulture, and Entomology  
Project: "The Use and Value of Chemical Herbicides and  
Growth Regulators in Vegetable Crops"  
For the Period September 1, 1967, through August 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1967-1968</u>
From the budgeted allocation for Research in Agriculture, Budget page 358 -----	1	\$ <u>1,500.00</u>
Total -----	2	\$ <u>1,500.00</u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1967-1968</u>
Dean and Professor		
Gerald Waylett Thomas -----	3	\$ -0-
Professor and Chairman		
Elo Joe Urbanovsky -----	4	-0-
Principal Investigator		
Robert Rentoul Reed -----	5	-0-
Research Assistant		
-----	6	-0-
Student Assistants and/or Part-time Help -----	7	600.00
Maintenance, Equipment and Travel -----	8	<u>900.00(a)</u>
Total Estimated Expenses -----	9	\$ <u>1,500.00</u>

(a) Budgeted allocation for travel--none.

Board Minutes  
February 10, 1968  
Budget Attachment 13  
Account No. 191-8219

TEXAS TECHNOLOGICAL COLLEGE  
Department of Park Administration, Horticulture, and Entomology  
Project: "Effect of High Plains Boll Weevil Control Program  
on Cotton Quality"  
For the Period September 1, 1967, through August 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1967-1968</u>
From the budgeted allocation for Research in Agriculture, Budget page 358 -----	1	\$ <u>1,291.87</u>
Total -----	2	\$ <u>1,291.87</u>
 <u>Estimated Expenses:</u>	 <u>Item</u>	 <u>1967-1968</u>
Dean and Professor		
Gerald Waylett Thomas -----	3	\$ -0-
Principal Investigator		
Ellis Wright Huddleston -----	4	-0-
Co-Investigator		
Charles Richard Ward -----	5	-0-
John C. Owens -----	6	-0-
Research Assistant and/or Associate		
-----	7	700.00
Student Assistants and/or Part-time Help -----	8	50.00
Maintenance, Equipment and Travel -----	9	<u>541.87(a)</u>
Total Estimated Expenses -----	10	\$ <u>1,291.87</u>

(a) Budgeted allocation for travel--\$200.00.

Board Minutes  
 February 10, 1968  
 Budget Attachment 14  
 Account No. 191-4709

TEXAS TECHNOLOGICAL COLLEGE  
 Department of Mathematics  
 Project: "Submodules of Composition Algebras  
 and the Composition of Quadratic Forms"  
 For the Period September 1, 1967, through August 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1967-1968</u>
Allocation from the budgeted appropriation for Research in the School of Arts and Sciences, Budget page 330 -----	1	\$ <u>1,833.33</u>
Total -----	2	\$ <u><u>1,833.33</u></u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1967-1968</u>
Professor and Chairman		
Patrick Lowry Odell -----	3	\$ -0-
Principal Investigator		
Charles Carter Waid -----	4	1,833.33(a)
Research Assistant		
-----	5	-0-
Student Assistants and/or Part-time Help -----	6	-0-
Maintenance, Equipment and Travel -----	7	-0- (b)
Total Estimated Expenses -----	8	\$ <u><u>1,833.33</u></u>

(a) Contract to be dated June 1, 1968, through July 13, 1968.  
 (b) Budgeted allocation for travel--none.



Board Minutes  
February 10, 1968  
Budget Attachment 15  
Account No. 391-4071

TEXAS TECHNOLOGICAL COLLEGE  
Department of Biology  
Project: "Analysis of the Chin Glands of *Gopherus Berlandieri*"  
For the Period January 1, 1968, through December 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1968</u>
Grant from the National Science Foundation, Renewal of GB-5959 -----	1	\$ <u>5,000.00</u>
Total -----	2	\$ <u>5,000.00</u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1968</u>
Professor and Chairman		
Earl D. Camp -----	3	\$ -0-
Principal Investigator		
Francis Lewis Rose -----	4	1,783.00(a)
Research Assistant		
-----	5	900.00(b)
Student Assistants and/or Part-time Help -----	6	-0-
OASI (Fringe Benefits) -----	7	118.00
Maintenance, Equipment and Travel -----	8	1,498.00(c)
Indirect Cost (Overhead) -----	9	<u>701.00</u>
Total -----	10	\$ <u>5,000.00</u>

- 
- (a) Contract to be dated from noon July 16, 1968, through August 31, 1968.  
(b) Full time for the period June 1, 1968, through August 31, 1968.  
(c) Allocation for travel--\$1,044.00.

Board Minutes  
 February 10, 1968  
 Budget Attachment 16  
 Account No. 191-8604  
First Revision

TEXAS TECHNOLOGICAL COLLEGE  
 Department of Electrical Engineering  
 Project: "Wave Propagation and Oscillations in Solid State Plasmas"  
 For the Period September 1, 1967, through August 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1967-1968</u>
Transfer from the Lump Sum Budgeted Allocation for Research in Engineering, Budget page 360 -----	1	\$ <u>15,867.00</u>
Total -----	2	\$ <u>15,867.00</u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1967-1968</u>
Professor and Chairman		
Russell Holland Seacat, Jr. -----	3	\$ -0-
Principal Investigator		
Magne Kristiansen -----	4	470.00(a)
Research Associate		
Marion Otho Hagler -----	5	2,000.00(b)
Research Assistant		
James Earl Cato -----	6	1,000.00(c)
James Wallace Watts -----	7	2,000.00(d)
-----	8	2,000.00(e)
Student Assistants and/or Part-time Help -----	9	1,697.00
Maintenance, Equipment and Travel -----	10	<u>6,700.00</u>
Total Estimated Expenses -----	11	\$ <u>15,867.00(f)</u>

- (a) Part time June 1, 1968, through June 31, 1968.  
 (b) Full time noon July 16, 1968, through August 31, 1968.  
 (c) Full time June 1, 1968, through July 13, 1968.  
 (d) 0.2 time research, September 1, 1967, through June 1, 1968.  
 (e) 0.4 time research, January 28, 1968, through August 31, 1968.  
 (f) Any deviation from this budget should be approved in advance by the Dean of the School of Engineering.

Board Minutes  
February 10, 1968  
Budget Attachment 17  
Account No. 391-3227

TEXAS TECHNOLOGICAL COLLEGE  
Department of Agronomy and Range Management  
Project: "Environmental Factors Affecting  
Gossypium spp. Lint Quality"  
For the Period January 1, 1968, through December 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1967-1968</u>
Transfer from the Institute for New Uses of Cotton, Account No. 391-3258 -----	1	\$ <u>2,500.00</u>
Total -----	2	\$ <u>2,500.00</u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1967-1968</u>
Professor and Chairman		
Arthur Wesley Young -----	3	\$ -0-
Principal Investigator		
Eugene Alfred Coleman -----	4	-0-
Research Assistant		
-----	5	-0-
Student Assistants and/or Part-time Help -----	6	1,550.00
Maintenance, Equipment and Travel -----	7	<u>950.00(a)</u>
Total Estimated Expenses -----	8	\$ <u>2,500.00</u>

(a) Budgeted allocation for travel--none.

Board Minutes  
February 10, 1968  
Budget Attachment 18  
Account No. 391-3547

TEXAS TECHNOLOGICAL COLLEGE  
Department of Animal Husbandry  
Project: "The Utilization of Castorbean Meal in Livestock Rations.  
II. Use in Fattening Rations for Cattle"  
For the Period December 1, 1967, through May 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1967-1968</u>
Grant from the Plains Coop Oil Mill, Lubbock, Texas --	1	\$ <u>2,800.00(a)</u>
Total -----	2	\$ <u>2,800.00</u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1967-1968</u>
Professor and Chairman		
Dale Wendel Zinn -----	3	\$ -0-
Principal Investigator		
Robert Custer Albin -----	4	-0-
Research Assistant		
-----	5	-0-
Student Assistants and/or Part-time Help -----	6	1,542.00
OASI -----	7	66.00
Maintenance, Equipment and Travel -----	8	828.00
Indirect Cost (Overhead) -----	9	<u>364.00</u>
Total Estimated Expenses -----	10	\$ <u>2,800.00</u>

(a) The Plains Coop Oil Mill will contribute livestock feed valued at \$1,930.00 to this project.

Board Minutes  
February 10, 1968  
Budget Attachment 19  
Account No. 391-3690  
First Revision

TEXAS TECHNOLOGICAL COLLEGE  
Department of Electrical Engineering  
Project: "A Study of the Parameters Influencing the Selection  
of a Useful Signal from Signals Having Similar Characteristics"  
For the Period August 1, 1967, through May 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1967-1968</u>
Wright Patterson Air Force Contract		
No. F33657-68-C-0059 -----	1	\$ <u>22,691.00</u>
Total Estimated Income -----	2	\$ <u>22,691.00</u>
 <u>Estimated Expenses:</u>	 <u>Item</u>	 <u>1967-1968</u>
Professor and Chairman		
Russell Holland Seacat, Jr. -----	3	\$ -0-
Principal Investigator		
Russell Holland Seacat, Jr. -----	4	1,610.00(a)
Co-Investigator		
John Paul Craig -----	5	5,467.00(b)
Research Associate		
Alonzo Franklin Adkins -----	6	4,500.00(c)
OASI -----	7	582.00
Maintenance, Equipment and Travel -----	8	6,686.00
Indirect Cost (Overhead) -----	9	<u>3,846.00</u>
Total Estimated Expenses -----	10	\$ <u>22,691.00</u>

- (a) One-fourth time August 1, 1967, through August 31, 1967 (\$430.56), and one-eighth time September 1, 1967, through January 31, 1968.  
(b) One-half time September 1, 1967, through January 31, 1968; one-third time February 1, 1968, through May 31, 1968.  
(c) One-half time September 1, 1967, through May 31, 1968.

Board Minutes  
February 10, 1968  
Budget Attachment 20  
Account No. 391-3180  
First Revision

TEXAS TECHNOLOGICAL COLLEGE  
Department of Agricultural Economics  
Project: "Economic and Engineering Feasibility Analysis  
of Alternative Systems of Cotton Compressing"  
For the Period November 1, 1966, through August 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1966-68</u>
Allocation of funds from Account No. 391-3475 as authorized by Dr. John R. Bradford -----	1	\$ <u>4,000.00(a)</u>
Total -----	2	\$ <u>4,000.00(a)</u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1966-68</u>
Professor and Head		
Willard Forest Williams -----	3	\$ -0-
Associate Professor and Director		
Thomas Richard Owens -----	4	-0-
Assistant Professor and Research Associate		
Rex Page Kennedy -----	5	1,350.00(b)
Research Assistant		
-----	6	-0-
Student Assistants and/or Part-time Help -----	7	1,518.00
OASI -----	8	132.00
Maintenance, Equipment and Travel -----	9	1,000.00(c)
Indirect Cost (Overhead) -----	10	<u>-0-</u> (d)
Total Estimated Expenses -----	11	\$ <u>4,000.00</u>

- (a) \$2,000.00 to be transferred as of December 1966 and the remainder to be transferred during the spring of 1967.  
(b) Research  $\frac{1}{2}$  time for  $4\frac{1}{2}$  months; teaching  $\frac{3}{4}$  time for  $4\frac{1}{2}$  months at a salary of \$4,050.00; salary rate, \$10,800.00 for 9 months.  
(c) Allocation for travel--\$800.00.  
(d) The overhead charges are reflected on the budget for Account No. 391-3475.

Board Minutes  
February 10, 1968  
Budget Attachment 21  
Account No. 391-3268

TEXAS TECHNOLOGICAL COLLEGE  
Department of Animal Husbandry  
Project: "An Investigation and Evaluation of the  
Brucellosis Eradication Program in the State of Texas"  
For the Period January 1, 1968, through December 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1968</u>
Grant from the Texas Southwestern Cattle Raisers Association, Fort Worth, Texas -----	1	\$ <u>5,000.00</u>
Total -----	2	\$ <u>5,000.00</u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1968</u>
Dean and Professor		
Gerald Waylett Thomas -----	3	\$ -0-
Professor and Chairman and Principal Investigator		
Dale Wendel Zinn -----	4	-0-
Co-Investigator		
Frank Alden Hudson -----	5	1,833.00(a)
Student Assistants and/or Part-time Help -----	6	919.50
OASI -----	7	40.30
Maintenance, Equipment and Travel -----	8	1,555.02(b)
Indirect Cost (Overhead) -----	9	<u>652.18</u>
Total Estimated Expenses -----	10	\$ <u>5,000.00</u>

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(a) Contract dated June 1, 1968, through noon July 18, 1968.  
(b) Budgeted allocation for travel--none.



Board Minutes  
February 10, 1968  
Budget Attachment 22  
Account No. 391-3180  
Second Revision

TEXAS TECHNOLOGICAL COLLEGE  
Department of Agricultural Economics  
Project: "Economics and Engineering Feasibility Analysis  
of Alternative Systems of Cotton Processing"  
For the Period January 1, 1968, through August 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1968</u>
Balance on January 1, 1968, from funds transferred from Account No. 391-3475 -----	1	\$ <u>1,363.87</u>
Total -----	2	\$ <u>1,363.87</u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1968</u>
Professor and Chairman		
Willard Forest Williams -----	3	\$ -0-
Associate Professor and Director		
Thomas Richard Owens -----	4	-0-
Research Assistants (Part-time)		
Richard Dee Chitwood -----	5	875.00(a)
James Carey Cato -----	6	400.00(b)
OASI -----	7	60.50
Maintenance, Equipment and Travel -----	8	28.37
Indirect Cost (Overhead) -----	9	-0-
Total Estimated Expenses -----	10	\$ <u>1,363.87</u>

(a) Contract to be dated from noon January 16, 1968, through April 30, 1968.

(b) Contract to be dated January 1, 1968, through February 29, 1968.

Board Minutes  
February 10, 1968  
Budget Attachment 23  
Account No. 391-3290

TEXAS TECHNOLOGICAL COLLEGE  
Department of Agricultural Economics  
Project: "Marketing Channels for High Plains Cotton and  
Capital and Operating Costs Associated with the Establishment  
of New or Additional Processing Facilities--West Texas"  
For the Period September 1, 1967, through August 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1967-1968</u>
Unencumbered balance on September 1, 1967 -----	1	\$ <u>136.23</u>
Total -----	2	\$ <u>136.23</u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1967-1968</u>
Professor and Chairman		
Willard Forest Williams -----	3	\$ -0-
Research Assistant (Part-time)		
James Carey Cato -----	4	100.00(a)
Student Assistants and/or Part-time Help -----	5	30.24
OASI -----	6	5.99
Maintenance, Equipment and Travel -----	7	-0-
Indirect Charges (Overhead) -----	8	-0-
Total Estimated Expenses -----	9	\$ <u>136.23</u>

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(a) Contract to be dated January 1, 1968, through February 29, 1968,

Board Minutes  
February 10, 1968  
Budget Attachment 24  
Account No. 491-0155  
Budget Page 461B

TEXAS TECHNOLOGICAL COLLEGE  
Department of Accounting  
Project: "Future Data Processors Course"  
For the Period January 10, 1968, through May 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1968</u>
Fees (22 Students at \$20.00 each) -----	1	\$ 440.00(a)
From Grant Funds (Balances 1966-1967) -----	2	<u>151.25</u>
Total -----	3	\$ <u>591.25</u>

Estimated Expenses:

Professor and Chairman

Reginald Rushing ----- 4 \$ -0-

Assistant Professor and Director

Mrs. Luta Pelham Eaves ----- 5 450.00(b)

Student Assistants and/or Part-time Help ----- 6 -0-

Maintenance, Equipment and Travel ----- 7 23.00

Indirect Charges (Overhead) ----- 8 118.25

Total Estimated Expenses ----- 9 \$ 591.25

- 
- (a) Should the income from fees fail to reach the budget estimates, the additional funds required for this budget will be charged against grant funds.
- (b) Contract to be dated February 1, 1968, through May 31, 1968.

Board Minutes  
 February 10, 1968  
 Budget Attachment 25  
 Account No. 491-0155  
 Budget Page 461C

TEXAS TECHNOLOGICAL COLLEGE  
 Department of Accounting  
 Project: "Future Data Processors Course"  
 For the Period June 1, 1968, through August 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1968</u>
Fees (22 Students at \$20.00 each) -----	1	\$ 440.00(a)
From Grant Funds (Balances 1966-1967) -----	2	<u>151.25</u>
Total -----	3	\$ <u>591.25</u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1968</u>
Professor and Chairman		
Reginald Rushing -----	4	\$ -0-
Assistant Professor and Director		
Mrs. Luta Pelham Eaves -----	5	450.00(b)
Student Assistants and/or Part-time Help -----	6	-0-
Maintenance, Equipment and Travel -----	7	23.00
Indirect Charges (Overhead) -----	8	<u>118.25</u>
Total Estimated Expenses -----	9	\$ <u>591.25</u>

- 
- (a) Should the income from fees fail to reach the budget estimates, the additional funds required for this budget will be charged against grant funds.
- (b) Contract to be dated June 1, 1968, through July 31, 1968.

Board Minutes  
February 10, 1968  
Budget Attachment 26  
Account No. 391-1498

TEXAS TECHNOLOGICAL COLLEGE  
Department of Industrial Engineering  
Project: "Engineering Training Services"  
For the Period May 1, 1968, through September 30, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1968</u>
Contract with Western Electric Company, Inc. -----	1	\$ <u>21,240.00</u>
Total -----	2	\$ <u>21,240.00</u>
<u>Estimated Expenses:</u>	<u>Item</u>	<u>1968</u>
Dean of Engineering		
John R. Bradford -----	3	\$ -0-
Professor and Chairman		
Richard Albert Dudek -----	4	-0-
Associate Professor		
Horace Jurs MacKenzie -----	5	875.00(a)
Student Assistants and/or Part-time Help -----	6	230.00
OASI -----	7	10.12
Tuition and Fees for Participants -----	8	2,200.00
Residence Hall Expense -----	9	4,240.00
Banquet and Sunday Evening Meals -----	10	610.00
Maintenance, Equipment and Travel -----	11	10,774.88(b)
Indirect Cost (Overhead) -----	12	<u>2,300.00</u>
Total Estimated Expenses -----	13	\$ <u>21,240.00</u>

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- (a) One-half time. Also one-half time on the budget for the Department of Industrial Engineering. Contract to be dated June 1, 1968, through July 13, 1968.
- (b) Budgeted allocation for travel--none.

Board Minutes  
February 10, 1968  
Budget Attachment 27  
Account No. 391-3512

TEXAS TECHNOLOGICAL COLLEGE  
Department of Agronomy and Range Management  
Project: "A Study of Jack Rabbit Populations in Relation of  
Habitat Preferences in the Southern High Plains of Texas"  
For the Period February 1, 1968, through January 31, 1969

<u>Source of Funds:</u>	<u>Item</u>	<u>1968</u>
Contract No. 14-16-0008-911 with the Bureau of Sport Fisheries and Wildlife, Department of Interior -----	1	\$ <u>4,140.00</u>
Total -----	2	\$ <u>4,140.00</u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1968</u>
Professor and Director of ICASALS		
Thadis Wayne Box -----	3	\$ -0-
Principal Investigator		
Eric George Bolen -----	4	-0-
Research Assistant		
Alan Kent Montei -----	5	3,000.00(a)
Student Assistants and/or Part-time Help -----	6	-0-
OASI -----	7	132.00
Maintenance, Equipment and Travel -----	8	468.00
Indirect Cost (Overhead) -----	9	<u>540.00</u>
Total Estimated Expenses -----	10	\$ <u>4,140.00</u>

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(a) Contract to be dated February 1, 1968, through January 31, 1969.  
(b) Allocation for travel--\$400.00.

Board Minutes  
February 10, 1968  
Budget Attachment 28  
Account No. 391-4090

TEXAS TECHNOLOGICAL COLLEGE  
Department of Electrical Engineering  
Project: "Research Initiation--Theoretical and  
Experimental Investigations of RF Plasma Heating"  
For the period June 1, 1968, through May 31, 1969

<u>Source of Funds:</u>	<u>Item</u>	<u>1968-1969</u>
Estimated Carry-over Balance on June 1, 1968 -----	1	\$ 3,500.00
Grant from National Science Foundation (GK-1609) -----	2	<u>9,901.00</u>
Total -----	3	\$ <u>13,401.00</u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1968-1969</u>
Professor and Chairman		
Russell Holland Seacat, Jr. -----	4	\$ -0-
Principal Investigator		
Magne Kristiansen -----	5	2,889.00(a)
Research Assistant		
-----	6	3,200.00
-----	7	3,200.00
Fringe Benefits (OASI and W.C.) -----	8	308.00
Maintenance, Equipment and Travel -----	9	2,612.00(b)
Indirect Cost (Overhead) -----	10	<u>1,192.00</u>
Total Estimated Expenses -----	11	\$ <u>13,401.00</u>

(a) Contract for the period July 1, 1968, through August 31, 1968.  
(b) Budgeted allocation for travel--\$300.00.



Board Minutes  
February 10, 1968  
Budget Attachment 29  
Account No. 191-5931

TEXAS TECHNOLOGICAL COLLEGE  
ICASALS Research Program  
Project: "The Physiological Effects of Low Levels of Air Moisture  
on Livestock"  
For the Period September 1, 1967, through August 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1967-1968</u>
From the budgeted allocation for the ICASALS Research Program, Budget page 354 -----	1	\$ <u>1,000.00</u>
Total -----	2	\$ <u><u>1,000.00</u></u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1967-1968</u>
Director of ICASALS		
Thadis Wayne Box -----	3	\$ -0-
Principal Investigator		
Samuel Everett Curl -----	4	-0-
Research Associate		
Walter Grub -----	5	-0-
Student Assistants and/or Part-time Help -----	6	-0-
Maintenance, Equipment and Travel -----	7	<u>1,000.00(a)</u>
Total Estimated Expenses -----	8	\$ <u><u>1,000.00</u></u>

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(a) Budgeted allocation for travel--none.

Board Minutes  
February 10, 1968  
Budget Attachment 30  
Account No. 191-5932

TEXAS TECHNOLOGICAL COLLEGE  
ICASALS Research Program  
Project: "Establishment of a Collection of Insects of Arid Lands"  
For the Period September 1, 1967, through August 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1967-1968</u>
From the budgeted allocation for the ICASALS Research Program, Budget page 354 -----	1	\$ <u>720.00</u>
Total -----	2	\$ <u>720.00</u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1967-1968</u>
Director of ICASALS		
Thadis Wayne Box -----	3	\$ -0-
Principal Investigator		
Ellis Wright Huddleston -----	4	-0-
Research Associate		
Charles Richard Ward -----	5	-0-
Student Assistants and/or Part-time Help -----	6	-0-
Maintenance, Equipment and Travel -----	7	<u>720.00(a)</u>
Total Estimated Expenses -----	8	\$ <u>720.00</u>

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(a) Budgeted allocation for travel--none.

Board Minutes  
February 10, 1968  
Budget Attachment 31  
Account No. 191-5933

TEXAS TECHNOLOGICAL COLLEGE  
ICASALS Research Program  
Project: "Studies in Linguistics of Arid Lands"  
For the Period September 1, 1967, through August 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1967-1968</u>
From the budgeted allocation for the ICASALS Research Program, Budget page 354 -----	1	\$ <u>150.00</u>
Total -----	2	\$ <u>150.00</u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1967-1968</u>
Director of ICASALS		
Thadis Wayne Box -----	3	\$ -0-
Principal Investigator		
Berthold Claudio Friedl -----	4	-0-
Research Associate		
-----	5	-0-
Student Assistants and/or Part-time Help -----	6	150.00
Maintenance, Equipment and Travel -----	7	-0- (a)
Total Estimated Expenses -----	8	\$ <u>150.00</u>

(a) Budgeted allocation for travel--none.

Board Minutes  
February 10, 1968  
Budget Attachment 32  
Account No. 191-5934

TEXAS TECHNOLOGICAL COLLEGE  
ICASALS Research Program  
Project: "Neutron Activation as a Method of Prospecting in Arid Lands"  
For the Period September 1, 1967, through August 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1967-1968</u>
From the budgeted allocation for the ICASALS Research Program, Budget page 354 -----	1	\$ <u>2,291.00</u>
Total -----	2	\$ <u>2,291.00</u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1967-1968</u>
Director of ICASALS		
Thadis Wayne Box -----	3	\$ -0-
Principal Investigator		
James Roland Craig -----	4	-0-
Research Associates		
Rae Lawrence Harris, Jr. -----	5	-0-
David Allen Howe -----	6	-0-
Student Assistants and/or Part-time Help -----	7	-0-
Maintenance, Equipment and Travel -----	8	<u>2,291.00(a)</u>
Total Estimated Expense -----	9	\$ <u>2,291.00</u>

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(a) Budgeted allocation for travel--none.

Board Minutes  
February 10, 1968  
Budget Attachment 33  
Account No. 191-5935

TEXAS TECHNOLOGICAL COLLEGE  
ICASALS Research Program

Project: "Surface Resistivity Measurements in the High Plains of Texas"  
For the Period September 1, 1967, through August 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1967-1968</u>
From the budgeted allocation for the ICASALS Research Program, Budget page 354 -----	1	\$ <u>1,000.00</u>
Total -----	2	\$ <u>1,000.00</u>

<u>Estimated Expenses</u>	<u>Item</u>	<u>1967-1968</u>
Director of ICASALS		
Thadis Wayne Box -----	3	\$ -0-
Principal Investigator		
John Joseph Dowling -----	4	-0-
Research Associate		
-----	5	-0-
Student Assistants and/or Part-time Help -----	6	-0-
Maintenance, Equipment and Travel -----	7	<u>1,000.00(a)</u>
Total Estimated Expenses -----	8	\$ <u>1,000.00</u>

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(a) Budgeted allocation for travel--none.

Board Minutes  
February 10, 1968  
Budget Attachment 34  
Account No. 191-5936

TEXAS TECHNOLOGICAL COLLEGE  
ICASALS Research Program  
Project: "Studies in Environmental Kinesiology:  
Central Nervous System Involvement in Kinesiological Performance"  
For the Period September 1, 1967, through August 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1967-1968</u>
From the budgeted allocation for the ICASALS Research Program, Budget page 354 -----	1	\$ <u>500.00</u>
Total -----	2	\$ <u>500.00</u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1967-1968</u>
Director of ICASALS		
Thadis Wayne Box -----	3	\$ -0-
Principal Investigator		
David Bruce Jordan -----	4	-0-
Research Associate		
-----	5	-0-
Student Assistants and/or Part-time Help -----	6	300.00
Maintenance, Equipment and Travel -----	7	<u>200.00(a)</u>
Total Estimated Expenses -----	8	\$ <u>500.00</u>

(a) Budgeted allocation for travel--none.

Board Minutes  
February 10, 1968  
Budget Attachment 35  
Account No. 191-5937

TEXAS TECHNOLOGICAL COLLEGE  
ICASALS Research Program  
Project: "Translation of Arabic Historical Documents  
from Arid African Areas"  
For the Period September 1, 1967, through August 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1967-1968</u>
From the budgeted allocation for the ICASALS Research Program, Budget page 354 -----	1	\$ <u>500.00</u>
Total -----	2	\$ <u>500.00</u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1967-1968</u>
Director of ICASALS		
Thadis Wayne Box -----	3	\$ -0-
Principal Investigator		
Van Mitchell Smith -----	4	-0-
Research Associate		
Harold Lester Simpson -----	5	-0-
Student Assistants and/or Part-time Help -----	6	500.00
Maintenance, Equipment and Travel -----	7	-0- (a)
Total Estimated Expenses -----	8	\$ <u>500.00</u>

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(a) Budgeted allocation for travel--none.



Board Minutes  
February 10, 1968  
Budget Attachment 36  
Account No. 191-5938

TEXAS TECHNOLOGICAL COLLEGE  
ICASALS Research Program  
Project: "Studies of Modern Balkan History"  
For the Period September 1, 1967, through August 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1967-1968</u>
From the budgeted allocation for the ICASALS Research Program, Budget page 354 -----	1	\$ <u>1,667.00</u>
Total -----	2	\$ <u><u>1,667.00</u></u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1967-1968</u>
Director of ICASALS		
Thadis Wayne Box -----	3	\$ -0-
Principal Investigator		
Idris Rhea Traylor, Jr. -----	4	1,667.00(a)
Research Associate		
-----	5	-0-
Student Assistants and/or Part-time Help -----	6	-0-
Maintenance, Equipment and Travel -----	7	-0- (b)
Total Estimated Expenses -----	8	\$ <u><u>1,667.00</u></u>

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(a) Contract to be dated June 1, 1968, through noon July 16, 1968.  
(b) Budgeted allocation for travel--none.

Board Minutes  
February 10, 1968  
Budget Attachment 37  
Account No. 191-5939

TEXAS TECHNOLOGICAL COLLEGE  
ICASALS Research Program  
Project: "Introduction to J. L. Hill,  
The End of the Cattle Trail"  
For the Period September 1, 1967, through August 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1967-1968</u>
From the budgeted allocation for the ICASALS Research Program, Budget page 354 -----	1	\$ <u>50.00</u>
Total -----	2	\$ <u>50.00</u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1967-1968</u>
Director of ICASALS		
Thadis Wayne Box -----	3	\$ -0-
Principal Investigator		
James Marion Skaggs -----	4	-0-
Research Associate		
-----	5	-0-
Student Assistants and/or Part-time Help -----	6	-0-
Maintenance, Equipment and Travel -----	7	<u>50.00(a)</u>
Total Estimated Expenses -----	8	\$ <u>50.00</u>

(a) Budgeted allocation for travel--none.

Board Minutes  
February 10, 1968  
Budget Attachment 38  
Account No. 191-5940

TEXAS TECHNOLOGICAL COLLEGE  
ICASALS Research Program  
Project: "Studies in Electronic Composition of Music of Arid Lands"  
For the Period September 1, 1967, through August 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1967-1968</u>
From the budgeted allocation for the ICASALS Research Program, Budget page 354 -----	1	\$ <u>175.00</u>
Total -----	2	\$ <u>175.00</u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1967-1968</u>
Director of ICASALS		
Thadis Wayne Box -----	3	\$ -0-
Principal Investigator		
Mrs. Mary Helen McCarty -----	4	-0-
Research Associate		
-----	5	-0-
Student Assistants and/or Part-time Help -----	6	-0-
Maintenance, Equipment and Travel -----	7	<u>175.00(a)</u>
Total Estimated Expenses -----	8	\$ <u>175.00</u>

(a) Budgeted allocation for travel--none.

Board Minutes  
February 10, 1968  
Budget Attachment 39  
Account No. 191-5941

TEXAS TECHNOLOGICAL COLLEGE  
ICASALS Research Program  
Project: "Drought as a Social Factor in Arid Southwest"  
For the Period September 1, 1967, through August 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1967-1968</u>
From the budgeted allocation for the ICASALS Research Program, Budget page 354 -----	1	\$ <u>250.00</u>
Total -----	2	\$ <u>250.00</u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1967-1968</u>
Director of ICASALS		
Thadis Wayne Box -----	3	\$ -0-
Principal Investigator		
Roy Sylvan Dunn -----	4	-0-
Research Associate		
-----	5	-0-
Student Assistants and/or Part-time Help -----	6	250.00
Maintenance, Equipment and Travel -----	7	-0- (a)
Total Estimated Expenses -----	8	\$ <u>250.00</u>

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(a) Budgeted allocation for travel--none.

Board Minutes  
February 10, 1968  
Budget Attachment 40  
Account No. 191-5942

TEXAS TECHNOLOGICAL COLLEGE  
ICASALS Research Program

Project: "Central Nervous System Involvement in Kinesiological Performance"  
For the Period September 1, 1967, through August 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1967-1968</u>
From the budgeted allocation for the ICASALS Research Program, Budget page 354 -----	1	\$ <u>750.00</u>
Total -----	2	\$ <u>750.00</u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1967-1968</u>
Director of ICASALS		
Thadis Wayne Box -----	3	\$ -0-
Principal Investigator		
Darrell Lee Vines -----	4	-0-
Research Associate		
_____ -----	5	-0-
Student Assistants and/or Part-time Help -----	6	375.00
Maintenance, Equipment and Travel -----	7	<u>375.00(a)</u>
Total Estimated Expenses -----	8	\$ <u>750.00</u>

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(a) Budgeted allocation for travel--none.

Board Minutes  
February 10, 1968  
Budget Attachment 41  
Account No. 191-5943

TEXAS TECHNOLOGICAL COLLEGE  
ICASALS Research Program  
Project: "Simulation of Plant Growth"  
For the Period September 1, 1967, through August 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1967-1968</u>
From the budgeted allocation for the ICASALS Research Program, Budget page 354 -----	1	\$ <u>100.00</u>
Total -----	2	\$ <u>100.00</u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1967-1968</u>
Director of ICASALS		
Thadis Wayne Box -----	3	\$ -0-
Principal Investigator		
Raymond Eli Boche -----	4	-0-
Research Associate		
-----	5	-0-
Student Assistants and/or Part-time Help -----	6	100.00
Maintenance, Equipment and Travel -----	7	<u>-0-</u> (a)
Total Estimated Expenses -----	8	\$ <u>100.00</u>

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(a) Budgeted allocation for travel--none.

Board Minutes  
February 10, 1968  
Budget Attachment 42  
Account No. 191-5944

TEXAS TECHNOLOGICAL COLLEGE  
ICASALS Research Program  
Project: "Investigations into Indexing Methods,  
Including Editing and Retrieval from KWIK Index"  
For the Period September 1, 1967, through August 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1967-1968</u>
From the budgeted allocation for the ICASALS Research Program, Budget page 354 -----	1	\$ <u>489.00</u>
Total -----	2	\$ <u>489.00</u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1967-1968</u>
Director of ICASALS		
Thadis Wayne Box -----	3	\$ -0-
Principal Investigator		
Mrs. Lou Ann Roberts -----	4	-0-
Research Associate		
-----	5	-0-
Student Assistants and/or Part-time Help -----	6	489.00
Maintenance, Equipment and Travel -----	7	-0- (a)
Total Estimated Expenses -----	8	\$ <u>489.00</u>

(a) Budgeted allocation for travel--none.



Board Minutes  
February 10, 1968  
Budget Attachment 43  
Account No. 391-1437

TEXAS TECHNOLOGICAL COLLEGE  
School of Engineering  
Project: "Continuing Engineering Education Program"  
For the Period January 30, 1968, through May 28, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1968</u>
Cabot Corporation, Pampa, Texas -----	1	\$ 1,644.60
Celanese Chemical Company, Pampa, Texas -----	2	1,644.60
American Institute of Chemical Engineers, Borger, Texas	3	<u>2,602.80</u>
Total -----	4	<u>\$ 5,892.00</u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1968</u>
Dean of Engineering		
John R. Bradford -----	5	\$ -0-
Professor		
Arnold Jarvis Gully -----	6	600.00
Donald Jacob Helmers -----	7	600.00
Reginald Rushing -----	8	600.00
Associate Professor		
John Paul Craig -----	9	600.00
Hubert Reed Heichelheim -----	10	600.00
OASI -----	11	132.00
Maintenance, Equipment and Travel -----	12	<u>2,760.00</u>
Total Estimated Expenses -----	13	<u>\$ 5,892.00</u>

Board Minutes  
February 10, 1968  
Budget Attachment 44  
Account No. 391-3380

TEXAS TECHNOLOGICAL COLLEGE  
Department of Animal Husbandry  
Project: "Cooperative Research in Range Management  
with Post-Montgomery Ranch"  
For the Period December 1, 1967, through November 30, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1968</u>
Estimated unencumbered balance on December 1, 1967 ----	1	\$ 1,552.00
Grant from Post-Montgomery -----	2	<u>3,000.00</u>
Total -----	3	<u>\$ 4,552.00</u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1968</u>
Professor and Chairman		
Arthur Wesley Young -----	4	\$ -0-
Principal Investigator		
Thadis Wayne Box -----	5	-0-
Research Fellow		
-----	6	2,400.00
Student Assistants and/or Part-time Help -----	7	100.00
OASI -----	8	4.40
Maintenance, Equipment and Travel -----	9	<u>2,047.60(a)</u>
Total Estimated Expenses -----	10	<u>\$ 4,552.00</u>

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(a) Budgeted allocation for travel--\$200.00.

Board Minutes  
February 10, 1968  
Budget Attachment 45  
Account No. 391-8760

TEXAS TECHNOLOGICAL COLLEGE  
Department of Agronomy and Range Management  
Project: "Welder Wildlife Foundation Cooperative Research in Range Management"  
For the Period January 1, 1968, through December 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1968</u>
Balance on January 1, 1968 -----	1	\$ 255.94
Grant from Welder Wildlife Foundation -----	2	<u>2,800.00</u>
Total -----	3	\$ <u>3,055.94</u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1968</u>
Professor and Chairman		
Arthur Wesley Young -----	4	\$ -0-
Professor and Project Director		
Thadis Wayne Box -----	5	-0-
Pre-doctoral Fellowship		
Richard S. White -----	6	2,400.00(a)
Student Assistants and/or Part-time Help -----	7	-0-
OASI -----	8	-0-
Maintenance, Equipment and Travel -----	9	655.94
Indirect Cost (Overhead) -----	10	<u>-0-</u>
Total Estimated Expenses -----	11	\$ <u>3,055.94</u>

(a) Stipend \$200.00 per month from January 1, 1968, through December 31, 1968.  
(b) Budgeted allocation for travel--none.

Board Minutes  
February 10, 1968  
Budget Attachment 46  
Account No. 391-2683

TEXAS TECHNOLOGICAL COLLEGE  
Texas Tech Union Leadership Board  
Project: "Tech Union Leadership Board Training Program"  
For the Period September 1, 1967, through August 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1967-1968</u>
Grant from the Hogg Foundation for Mental Health, The University of Texas at Austin, 78712 -----	1	\$ <u>1,060.00</u>
Total -----	2	\$ <u>1,060.00</u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1967-1968</u>
Union Director		
Nelson Henry Longley -----	3	\$ -0-
Program Director		
Mrs. Dorothy Mae Pijan -----	4	-0-
Training Program Director		
Johnny Walker -----	5	-0-
Consultants -----	6	660.00
Freshmen Legislators -----	7	400.00(a)
Maintenance, Equipment and Travel -----	8	-0-
Indirect Cost (Overhead) -----	9	-0-
Total Estimated Expenses -----	10	\$ <u>1,060.00(b)</u>

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- (a) Includes transportation, room and board for all students attending retreats sponsored by the Leadership Board.
- (b) The Texas Tech Student Union will provide an estimated amount of \$4,725.00 for this program.

Board Minutes  
February 10, 1968  
Budget Attachment 47  
Account No. 391-1437

TEXAS TECHNOLOGICAL COLLEGE  
School of Engineering  
Project: "Continuing Engineering Education Program"  
For the Period February 1, 1968, through May 31, 1968

<u>Source of Funds:</u>	<u>Item</u>	<u>1968</u>
American Institute of Chemical Engineers, Permian Basin Chapter -----	1	\$ <u>2,171.40</u>
Total -----	2	\$ <u>2,171.40</u>

<u>Estimated Expenses:</u>	<u>Item</u>	<u>1968</u>
Dean of Engineering		
John R. Bradford -----	3	\$ -0-
Associate Professor		
Charles Louis Burford -----	4	600.00
OASI -----	5	26.40
Maintenance, Equipment and Travel -----	6	<u>1,545.00</u>
Total Estimated Expenses -----	7	\$ <u>2,171.40</u>