

TEXAS TECHNOLOGICAL COLLEGE

LUBBOCK, TEXAS

MINUTES OF BOARD OF DIRECTORS MEETINGS

1963 - 1964

VOLUME I

MINUTES OF
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FEBRUARY 14, 1964

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Lubbock, Texas
February 15, 1964

298. The Board of Directors of Texas Technological College met in regular session in the Office of the President on Saturday, February 15, 1964, at 9:30 a.m. The following directors were present: Chairman DeBusk, Vice Chairman Smith, Mr. Allen, Mr. Allison, Mr. Armstrong, Mr. Furr, Mr. Hinn, Mr. Mathews and Mr. McLaughlin. In addition, President Goodwin, Vice President for Academic Affairs Pearce, Vice President for Business Affairs Pennington, Vice President for Development Butterfield, Dean of the Graduate School Rigby and Secretary Wells were present.

299. Upon motion made by Mr. Smith, seconded by Mr. Mathews, the Board by a unanimous vote approved the Minutes of the December 7, 1963, Board Meeting with the addition of the following statement to Item No. 197 "As the plans are developed for the enlarged facilities for Texas Technological College Museum, the plans are to be considered by the Campus Planning Committee and recommendations for the development of the new site and facilities will be made by this committee to the Campus and Building Committee of the Board." Mr. Smith said the intent of his original motion was to follow the same procedure in developing any new facility for the Museum that would be followed for any other college building or new facility.

300. Upon motion made by Mr. Allison, seconded by Mr. Smith, the Board by a unanimous vote approved the Agenda under the date of February 3, 1964. A copy of the approved Agenda is attached and made a part of the Minutes. (Items No. 210 through No. 297, Attachment No. 1; and Items No. 3013 through No. 3337, Attachment No. 1A.)

301. Mr. William H. Butterfield, Vice President for Development, gave a report on the work of the Office of Development for the period January 1, 1963, through December 31, 1963. A copy of the report is attached and made a part of the Minutes. Attachment No. 15.

302. Upon motion made by Mr. McLaughlin, seconded by Mr. Hinn, the Board by a unanimous vote approved the Small Class Report for the 1964 Spring Semester. A copy of the report is attached and made a part of the Minutes. Attachment No. 23.

303. Upon motion made by Mr. McLaughlin, seconded by Mr. Hinn, the Board by a unanimous vote approved a group of Organized Research Projects which will be included in the 1964-65 Operating Budget. The approved projects and tentative budget amounts are attached and made a part of the Minutes. Attachment No. 16.

304. Upon motion made by Mr. McLaughlin, seconded by Mr. Furr, the Board authorized the preparation of a proposal for a School of Pharmacy at Texas Technological College for submission to the Board on April 11, 1964. The approved proposal will be submitted to the Texas Commission on Higher Education for their consideration and action.

305. Mr. McLaughlin reported that Dr. J. Stewart Allen, Program Examiner, and Mr. Rex Jackson, Assistant Program Examiner, would visit Texas Technological College on or about February 17, 1964, to discuss the proposed Law School and any other pending proposal which has been submitted to the Texas Commission on Higher Education.

306. Upon motion made by Mr. McLaughlin, seconded by Mr. Mathews, the Board by a unanimous vote requested the College Administration to re-submit the proposal for a doctoral program in Business Administration to the Texas Commission on Higher Education for their consideration. A copy of the proposal is on file in the office of the Secretary of the Board.

307. Upon motion made by Mr. Allison, seconded by Mr. Furr, the Board by a unanimous vote approved the 1964 Summer School Budget in the amount of \$484,548.00 for Teaching Salaries. (Re: 1964 Summer School Budget, Page No. 1 through Page No. 68.) A copy of the budget is being sent to each individual or office receiving the Board Minutes.

308. Upon motion made by Mr. Allison, seconded by Mr. Furr, the Board by a unanimous vote approved the budget for the 1964 summer institutes,

308. (Continued)

workshops and short courses in the amount of \$246,664.84. (Re: 1964 Summer School Budget, Page No. 69 through Page No. 106.) A copy of the summer budget has been sent to each individual or office receiving the summer school budget.

309. Upon motion made by Mr. Allison, seconded by Mr. McLaughlin, the Board by a unanimous vote adopted a resolution approving an amendatory loan agreement for HHFA Project No. CH-Tex-150(D), Texas Technological College, Lubbock, Texas, Contract No. H-502-858, Amendment No. 3, whereby the loan agreement is amended to agree with the bond resolution; authorized the Chairman and the Secretary of the Board to execute the amendatory loan agreement, the necessary resolutions, and any and all other necessary documents relating thereto. A copy of the resolution is attached and made a part of the Minutes. Attachment No. 24. A copy of the amendatory loan agreement is attached and made a part of the Minutes. Attachment No. 25.

310. Upon motion made by Mr. Allison, seconded by Mr. McLaughlin, the Board by a unanimous vote adopted a loan agreement for the HHFA Project No. CH-Tex-180(S), Texas Technological College, Lubbock, Texas, for additional parity bonds in one or more series to finance the construction and/or remodeling of dining facilities for approximately 1,352 students and to construct a food service building; authorized the Chairman and the Secretary of the Board to execute the loan agreement, the necessary resolutions, and any and all other documents relating thereto. A copy of the resolution is attached and made a part of the Minutes. Attachment No. 26. A copy of the loan agreement is attached and made a part of the Minutes. Attachment No. 27.

311. Upon motion made by Mr. Hinn, seconded by Mr. Mathews, the Board by a unanimous vote authorized the Finance Committee to proceed with the sale of Constitutional Building Amendment Notes. The proceeds will be used to finance the construction and the equipping of a new classroom and office building. (Note: After the bids were received for the notes, the bond attorney ruled that the sale of the notes must be considered and approved by the Board either in a regular or special meeting.)

312. Upon motion made by Mr. Mathews, seconded by Mr. Smith, the Board by a unanimous vote approved the following Board Meeting dates covering the period September 1, 1964, through August 31, 1965:

Saturday, October 24, 1964	9:30 a.m., Lubbock
Saturday, December 12, 1964	9:30 a.m., Lubbock
Saturday, February 13, 1965	9:30 a.m., Lubbock
Saturday, April 10, 1965	9:30 a.m., Lubbock
Saturday, May 29, 1965	9:30 a.m., Lubbock
Saturday, August 21, 1965	9:30 a.m., Lubbock

313. Upon motion made by Mr. Furr, seconded by Mr. Hinn, the Board by a unanimous vote approved the continuation of the annual Board Dinner.

314. Upon motion made by Mr. Smith, seconded by Mr. Mathews, the Board by a unanimous vote approved Friday evening, October 23, 1964, as the date for the next annual Board Dinner.

315. The Campus and Building Committee met on Friday afternoon, February 14, 1964, at 4:00 p.m., in the Office of the President to consider recommendations from the Campus Planning Committee and to formulate recommendations to be made to the Board on Saturday, February 15, 1964. The next ten (10) items, No. 316 through 323A, will record the official action of the Board following the recommendations of the Campus and Building Committee.

316. Upon motion made by Mr. Smith, seconded by Mr. Hinn, the Board by a unanimous vote approved a new classroom-office building as the number one priority for new academic buildings; authorized the Campus Planning Committee to make the necessary studies concerning site, time schedule, architects, financing and other needed information and to present the findings to the Board on April 11, 1964. This study is to include the possibility of securing a grant for research facilities, the possibility of a building use fee and any and all other possibilities. The Board

316. (Continued)

recognizes the fact that many other areas need help and that a new classroom-office building would be only a partial solution to the campus needs.

317. Upon motion made by Mr. Smith, seconded by Mr. Allen, the Board by a unanimous vote authorized the Campus Planning Committee to approve the final plans and specifications for the walks, drives and parking lots in the area of the New Dormitory and Dining Facilities designated as Project No. CH-Tex-150(D) Unit B (for women) and the New Dormitory and Dining Facilities designated as Project No. CH-Tex-150(D) Unit C (for men); to take bids; and to recommend a contract award to the Board on April 11, 1964.

318. Upon motion made by Mr. Smith, seconded by Mr. Hinn, the Board by a unanimous vote approved the plans for the construction of the proposed entrance marker at College and Broadway as presented to the Campus and Building Committee on Friday, February 14, 1964, and approved the fund drive as presented by the Saddle Tramps, an outstanding student service organization on the College campus.

319. Upon motion made by Mr. Smith, seconded by Mr. Furr, the Board by a unanimous vote approved the addition of a minimum of fourteen (14) beds to the Infirmary at an estimated cost of \$71,000.00 and approved the employment of DeWitt and Spencer of Lubbock as architects for the project. A copy of the contract with DeWitt and Spencer will be included in the Board Minutes for April 11, 1964.

320. Upon motion made by Mr. Smith, seconded by Mr. McLaughlin, the Board by a unanimous vote approved February 3, 1964, as the final acceptance date for the Psychology Building from H. A. Lott, Inc., Contractor.

320A. Upon motion made by Mr. Smith, seconded by Mr. McLaughlin, the Board by a unanimous vote approved February 3, 1964, as the final acceptance date for the Speech and Hearing Clinic only from H. A. Lott, Inc., Contractor.

321. Upon motion made by Mr. Smith, seconded by Mr. McLaughlin, the Board by a unanimous vote approved December 20, 1963, as the final acceptance date for the utility lines in the area of the Speech and Psychology Buildings from Anthony Company, Contractor.

322. Upon motion made by Mr. Smith, seconded by Mr. McLaughlin, the Board by a unanimous vote awarded a contract to Mr. Frank Hodges, Cement Contractor, Lubbock, Texas, in the amount of \$7,884.00 for the construction of walks in the area of the Speech and Psychology Buildings. A copy of the tabulation of bids is attached and made a part of the Minutes. Attachment No. 31. A copy of the contract is attached and made a part of the Minutes. Attachment No. 32.

323. Upon motion made by Mr. Smith, seconded by Mr. Hinn, the Board by a unanimous vote approved January 16, 1964, as the final acceptance date for the building and other work performed by Walter E. Wirtz, Amarillo, Texas, on the Killgore Beef Cattle Center, Texas Technological College Research Farm at Pantex, Texas.

323A. Upon motion made by Mr. Smith, seconded by Mr. Hinn, the Board by a unanimous vote awarded a contract in the amount of \$21,969.15 to Wright Brothers, Paving and Dirt Contractor, Amarillo, Texas, for the paving of roads, parking areas and landscaping for the Killgore Beef Cattle Center at Texas Technological College Research Farm. A copy of the bid tabulation is attached and made a part of the Minutes. Attachment No. 33. A copy of the contract is attached and made a part of the Minutes. Attachment No. 34.

324. Upon motion made by Mr. Smith, seconded by Mr. Mathews, the Board by a unanimous vote approved a rental contract with the Tandy Leather Company, 1218 Avenue H, Lubbock, Texas. A copy of the lease contract is attached and made a part of the Minutes. Attachment No. 30.

325. Upon motion made by Mr. Allison, seconded by Mr. Mathews, the Board by a unanimous vote requested the Administrative Officers to make a study of the feasibility of housing both men and women in existing dormitories

325. (Continued)

should the need arise. Chairman DeBusk reported that he had received some very good reports on the use of West Hall during the current year. Both men and women have been housed in West Hall during a part of the 1963-64 school year.

326. Mr. Smith reported that the preliminary work had been completed on the various Board policies. The items are to be mimeographed and mailed to all Board Members before the April Board Meeting.

327. Mr. Armstrong gave a brief report on the work of the Committee of Governing Boards. He urged all Board Members to make the needs of higher education known to all members and/or prospective members of the Legislature before the Fifty-ninth Session in January, 1965.

328. Upon motion made by Mr. Hinn, seconded by Mr. Furr, the Board by a unanimous vote approved the following plan in selecting names for campus buildings: (1) Classroom and service buildings will be designated by a name indicative of the building usage; (2) Residence Halls are to be designated by the name of a person; and (3) None of the Residence Halls will be named for a person currently connected with the College.

329. President Goodwin gave a report on the January meeting of the Texas Commission on Higher Education. He reported the approval of the degree in Medical Technology for Texas Technological College.

330. Mr. Pennington gave a report on the work of the Cost Committee which has been working with the Council of College Presidents and various state agencies. Each Board Member received a copy of the report which was mailed to the Council of College Presidents on January 18, 1964.

331. Mr. Charles Mathews gave a report on a meeting with representatives of the West Texas Museum Association and a committee from the Texas Technological College Board. The committee made the following report: "The committee met with the representatives of the Museum on Friday with respect to the present Museum building. Tech needs the present Museum building, and the Museum needs, in connection with its long range planning, to know if an exchange can be made with Tech on a square-foot basis. It is proposed that the Board advise the Museum that such an exchange will be worked out subject to the necessary funds being made available to Tech within the next several years with which to construct the necessary building for the Museum."

Upon motion made by Mr. Mathews, seconded by Mr. Hinn, the Board by a unanimous vote went on record as being in favor of an exchange with the Museum. The exchange would be on the basis of comparable or equivalent facilities and not on a square-foot basis.

332. Upon motion made by Mr. Mathews, seconded by Mr. Hinn, the Board by a unanimous vote requested the College officials to do what is necessary to get the steam locomotive tendered the College by the Chicago, Burlington and Quincy Railroad Company located in a suitable place on the campus for permanent exhibition purposes.

333. Upon motion made by Mr. Allison, seconded by Mr. Mathews, the Board by a unanimous vote approved submitting to the Fifty-ninth Legislature a bill to change the name of "Texas Technological College" to "Texas Tech University."

334. Upon motion made by Mr. Smith, seconded by Mr. Allison, the Board by a unanimous vote approved the name of "University Theater" for the Speech Auditorium.

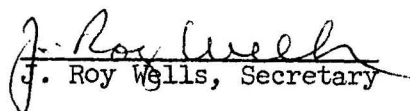
335. Mr. DeBusk made the following statement concerning the name change for Texas Technological College:

"This matter has been under Board consideration for several years. It has been under intensive consideration for the past year. The Board has let it be known publicly that a name change was under review and has encouraged expressions of opinion. All opinions have been appreciated. The Board knew that any person or group that took the trouble to present its point of view had Texas Tech's best interest at heart.

335. (Continued)

"The Board decision has now been made. We believe it to be in the best interest of our school. Let us now turn to other matters and work together for Texas Tech University."

336. The Board adjourned at 12:12 p.m., until the next regular Board Meeting on Saturday, April 11, 1964, in the Office of the President, Texas Technological College, Lubbock, Texas.


J. Roy Wells, Secretary

JRW:brf
February 23, 1964

ATTACHMENTS:

1. Agenda, Items No. 210 through No. 297; Item No. 300.
- 1A. Routine Items (Items No. 3013 through No. 3337); Item No. 300.
2. Budget; Organized Research Project; Account No. 391-3591; Dr. Joe Alfred Adamcik; Item No. 235.
3. Budget; Organized Research Project; Account No. 391-1012; Dr. Gerald W. Thomas; Item No. 228.
4. Revised Budget; Organized Research Project; Account No. 391-3041; Dr. Henry J. Shine; Item No. 3227.
5. Budget; Organized Research Project; Account No. 391-8760; Dr. Thadis Wayne Box; Item No. 240.
6. Budget; Organized Research Project; Account No. 391-1621; Dr. Wesley William Wendlandt; Item No. 229.
7. Budget; Organized Research Project; Account No. 391-3611; Dr. Richard John Thompson; Item No. 237.
8. Revised Budget; Organized Research Project; Account No. 391-3151; Dr. Russell William Strandtmann; Item No. 3233.
9. Budget; Organized Research Project; Account No. 391-3305; Dr. Donald Ward Tinkle; Item No. 231.
10. Budget; Organized Research Project; Account No. 391-3601; Dr. Fred Charles Trusell; Item No. 236.
11. Budget; Organized Research Project; Account No. 391-3571; Dr. Harry George Hecht; Item No. 233.
12. Budget; Organized Research Project; Account No. 391-3551; Dr. John Arthur Anderson; Item No. 232.
13. Budget; Organized Research Project; Account No. 391-3630; Dr. Richard Edward Wilde, Jr.; Item No. 238.
14. Budget; Organized Research Project; Account No. 391-3581; Dr. Henry Joseph Shine; Item No. 234.
15. Report by Mr. W. H. Butterfield; to be Made a Part of the Minutes; Other Matters, Item No. 3.
16. Organized Research Projects for 1964-65; Item No. 303.
17. Letter; U.S. Department of Agriculture; Memo of Agreement Regarding Dr. Thomas; Item No. 3140.

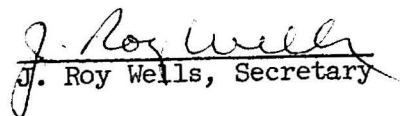
18. Letter from Mr. Wilson; Grant No. GB-1815; Account No. 391-3305; Item No. 230.
19. Letter from Mr. Wilson; Grant No. GE-3271; Account No. 391-1238; Other Matters, Item No. 9.
20. Gift List through Office of Development; Item No. 253.
21. Gift List through Office of Development; Item No. 254.
22. Deed of Gift; to Southwest Collection; Item No. 251.
23. Small Class Report; Item No. 302.
24. Resolution; Amendatory Loan Agreement, Amendment No. 3; Housing and Home Finance Agency; Project No. CH-Tex-150(D); Other Matters; Item No. 10.
25. Amendatory Loan Agreement, Amendment No. 3; Housing and Home Finance Agency; Project No. CH-Tex-150(D); Other Matters; Item No. 10.
26. Resolution; Loan Agreement; Housing and Home Finance Agency; Project No. CH-Tex-180(S); Other Matters; Item No. 11.
27. Loan Agreement; Housing and Home Finance Agency; Project No. CH-Tex-180(S); Other Matters; Item No. 11.
28. Contract; J. R. Francis, El Paso; Consolidated Food Service Units and Central Food Facilities; Item No. 192, Board Minutes of December 7, 1963.
29. Contract; J. R. Francis, El Paso; Consolidated Food Service Units and Central Food Facilities; Item No. 192, Board Minutes of December 7, 1963.
30. Contract; Tandy Leather Company; Item No. 324.
31. Bid Tabulations; Construction of Walks, Speech and Psychology Buildings; Item No. 322.
32. Contract; Frank Hodges, Cement Contractor; Speech and Psychology Buildings; Item No. 322.
33. Bid Tabulation; Construction of Walks and Drives; Killgore Beef Cattle Center; Item No. 323A.
34. Contract; Wright Brothers; Construction of Walks and Drives; Killgore Beef Cattle Center; Item No. 323A.

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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 15, 1964.

COLLEGE SEAL

February 23, 1964


J. Roy Wells, Secretary

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

February 3, 1964

TO THE HONORABLE MEMBERS OF THE BOARD
OF DIRECTORS OF TEXAS TECHNOLOGICAL COLLEGE

Gentlemen:

I am submitting herewith the Agenda for Texas Technological College for the consideration of the Board of Directors at a meeting to be held in Lubbock, Texas, on February 15, 1964:

RECOMMENDED ACTION

Agronomy and Range Management

210. Revise the contract of Dr. Thadis Wayne Box, Department of Agronomy and Range Management, from "Associate Professor at a salary of \$8,800.00 for nine months" to "Professor at a salary of \$9,600.00 for nine months," effective February 1, 1964, through June 15, 1964. This salary will be paid one-half from Agronomy and Range Management and one-half from Texas Technological College Research Farm. (Budgeted salary: Agronomy \$2,200.00 for $4\frac{1}{2}$ months; Texas Technological College Research Farm \$4,400.00 for 12 months. The additional teaching funds in the amount of \$200.00 required for this contract will be paid from lapsed salaries; p. 35 and p. 288.)

Park Administration, Horticulture and Entomology

211. Revise the contract of Dr. George O. Elle from "Professor of Horticulture at a salary of \$10,300.00 for nine months" to "Assistant Dean of Agriculture and Professor of Horticulture at a salary of \$7,855.94 for the period February 10, 1964, through August 31, 1964." (This salary will be paid from budgeted and lapsed funds: teaching salary \$1,571.19 for approximately $6\frac{2}{3}$ months [budgeted] and resident instruction \$6,284.75 [lapsed] for approximately $6\frac{2}{3}$ months; p. 40.)

212. Appoint Mr. Charles E. Doell as a Visiting Professor in the Department of Park Administration, Horticulture and Entomology at a salary of \$2,800.00 for two and one-half months, effective February 15, 1964 (12 noon), through April 30, 1964. This salary will be paid from lapsed funds.

Office of the Dean of Agriculture

213. Revise the contract of Dr. George O. Elle from "Professor of Horticulture at a salary of \$10,300.00 for nine months" to "Assistant Dean of Agriculture and Professor of Horticulture at a salary of \$7,855.94 for the period February 10, 1964, through August 31, 1964." (This salary will be paid from budgeted and lapsed funds: teaching salary \$1,571.19 for approximately $6\frac{2}{3}$ months [budgeted] and resident instruction \$6,284.75 [lapsed] for approximately $6\frac{2}{3}$ months; p. 40.)

* * * * *

1964 Summer School

Summer Institute for Teachers of Spanish (Account No. 391-1252)

214. Appoint Mrs. Maria Olivia Munoz as a Visiting Assistant Professor in the Department of Foreign Languages at a salary of \$2,100.00 for the period June 17, 1964, through August 18, 1964. Mrs. Munoz will assist with the Summer Institute for Teachers of Spanish which will be conducted at Tucuman, Argentina. (Budgeted salary \$2,100.00 for approximately 9 weeks.)

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1964-65 Budget

Agronomy and Range Management

215. Grant Mr. Charles William Wendt, Assistant Professor in the Department of Agronomy and Range Management, a leave of absence without pay for the 1964-65 academic year. Mr. Wendt will do graduate work at Texas A & M University. (1964-65 Budget)

English

216. Appoint Dr. Warren Stanley Walker as a Professor of English at a salary of \$11,300.00 for nine months, effective September 16, 1964, through June 15, 1965. (1964-65 Budget)

217. Appoint Mr. Joe Wilkes Berry, Jr., as an Assistant Professor of English at a salary of \$7,000.00 for nine months, effective September 16, 1964, through June 15, 1965. (1964-65 Budget)

218. Appoint Mr. David Erland Charles Forslund as an Assistant Professor of English at a salary of \$7,000.00 for nine months, effective September 16, 1964, through June 15, 1965. (1964-65 Budget)

219. Appoint Dr. Clyde L. Grimm, Jr., as an Assistant Professor of English at a salary of \$7,700.00 for nine months, effective September 16, 1964, through June 15, 1965. (1964-65 Budget)

Foreign Languages

220. Appoint Dr. Carl Hammer, Jr., as a Professor in the Department of Foreign Languages at a salary of \$12,000.00 for nine months, effective September 16, 1964, through June 15, 1965. (1964-65 Budget)

221. Appoint Miss Pierrette Laurette Josette Allegre as a Visiting Assistant Professor in the Department of Foreign Languages at a salary of \$7,200.00 for nine months, effective September 16, 1964, through June 15, 1965. (1964-65 Budget)

222. Appoint Mr. Ross Angelo Ferlito as Assistant Professor in the Department of Foreign Languages at a salary of \$6,600.00 for nine months, effective September 16, 1964, through June 15, 1965. (1964-65 Budget)

223. Grant Mr. William Taylor Patterson, Assistant Professor in the Department of Foreign Languages, a leave of absence without pay for the 1964-65 academic year. Mr. Patterson will work on the doctorate at The University of Texas. (Base salary 1963-64, \$6,700.00 for 9 months.)

History

224. Appoint Dr. William Randolph Johnson as an Assistant Professor of History at a salary of \$7,200.00 for nine months, effective September 16, 1964, through June 15, 1965. (1964-65 Budget)

Sociology and Anthropology

225. Appoint Dr. Richard O. Keslin as an Associate Professor of Anthropology at a salary of \$10,000.00 for nine months, effective September 16, 1964, through June 15, 1965. (1964-65 Budget)

226. Appoint Miss Evelyn Ina Montgomery as an Assistant Professor of Anthropology at a salary of \$7,700.00 for nine months, effective September 16, 1964, through June 15, 1965. (1964-65 Budget)

Accounting

227. Appoint Mr. Germain Boniface Boer as an Associate Professor of Accounting at a salary of \$9,500.00 for nine months, effective September 16, 1964, through June 15, 1965. (1964-65 Budget)

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1963-64 Budget

Organized Research (Account No. 391-1012)

228. Approve the Organized Research Project "An Evaluation of the Agricultural Research and Education Programs in Selected States with Emphasis on the Relationship between Resident Instruction and Research" and approve a budget in the amount of \$600.00 for the project. This will be financed by an allocation from the General Unrestricted Gifts and Grants, Account No. 391-2650. A copy of the budget is attached and made a part of the Minutes. Attachment No. 3. (Account No. 391-1012; Principal Investigator, Dr. Gerald W. Thomas.)

Organized Research (Account No. 391-1621)

229. Approve a budget in the amount of \$15,000.00 for the Organized Research Project "A Thermochemical Study of Some Acids and Bases in Fused Onium Salts" for the period May 1, 1964, through April 30, 1965. A copy of the budget is attached and made a part of the Minutes. Attachment No. 6. (Organized Research Account No. 391-1621; Dr. Wesley William Wendlandt, Principal Investigator.)

Organized Research (Account No. 391-3305)

230. Accept a grant in the amount of \$14,600.00 from the National Science Foundation, Washington 25, D. C., for the support of research entitled "Experimental Systematics in the Lizard Genus Uta" for the period January 1, 1964, through December 31, 1965. This project is under the direction of Dr. Donald W. Tinkle, Department of Biology. A letter from Mr. John T. Wilson, Deputy Director of the National Science Foundation, is attached and made a part of the Minutes. Attachment No. 18. (Organized Research Account No. 391-3305; Dr. Donald W. Tinkle, Principal Investigator.)

231. Approve a budget in the amount of \$8,806.00 for the Organized Research Project "Experimental Systematics in the Lizard Genus Uta" for the period January 1, 1964, through December 31, 1964. A copy of the budget is attached and made a part of the Minutes. Attachment No. 9. (Organized Research Account No. 391-3305; Grant No. GB-1815, National Science Foundation; Principal Investigator, Dr. Donald W. Tinkle.)

Organized Research (Account No. 391-3551)

232. Approve a budget in the amount of \$12,000.00 for the Organized Research Project "Active Center of Pyridoxal Phosphate-Containing Enzymes" for the period May 1, 1964, through April 30, 1965. A copy of the budget is attached and made a part of the Minutes. Attachment No. 12. (Organized Research Account No. 391-3551; Principal Investigator, Dr. John Arthur Anderson; Welch Grant No. D-117.)

Organized Research (Account No. 391-3571)

233. Approve a budget in the amount of \$15,000.00 for the Organized Research Project "Electron Paramagnetic Resonance Studies of Some Inorganic Compounds" for the period May 1, 1964, through April 30, 1965. A copy of the budget is attached and made a part of the Minutes. Attachment No. 11. (Organized Research Account No. 391-3571; Principal Investigator, Dr. Harry George Hecht; Welch Grant No. D-121.)

Organized Research (Account No. 391-3581)

234. Approve a budget in the amount of \$21,500.00 for the Organized Research Project "Hydrocarbon Oxidation and the Reactions of Acyloxy Radicals" for the period May 1, 1964, through April 30, 1965. A copy of the budget is attached and made a part of the Minutes. Attachment No. 14. (Organized Research Account No. 391-3581; Principal Investigator, Dr. Henry Joseph Shine; Welch Grant No. D-028.)

Organized Research (Account No. 391-3591)

235. Approve a budget in the amount of \$15,000.00 for the Organized Research Project "Studies of the Cyanoethylation Reaction" for the period May 1, 1964, through April 30, 1965. This project is being financed by the Robert A. Welch Foundation Grant No. D-070. A copy of the budget is attached and made a part of the Minutes. Attachment No. 2. (Account No. 391-3591; Principal Investigator, Dr. Joe Alfred Adamcik.)

Organized Research (Account No. 391-3601)

236. Approve a budget in the amount of \$15,475.00 for the Organized Research Project "Heterocyclic Nitrogen Containing Ligands" for the period May 1, 1964, through April 30, 1965. A copy of the budget is attached and made a part of the Minutes. Attachment No. 10. (Organized Research Account No. 391-3601; Dr. Fred Charles Trusell, Principal Investigator; Welch Grant No. D-094.)

Organized Research (Account No. 391-3611)

237. Approve a budget in the amount of \$15,000.00 for the Organized Research Project "Synthesis of Complex Compounds of Rhenium" for the period May 1, 1964, through April 30, 1965. A copy of the budget is attached and made a part of the Minutes. Attachment No. 7. (Account No. 391-3611; Principal Investigator, Dr. Richard John Thompson; Welch Grant D-097.)

Organized Research (Account No. 391-3630)

238. Approve a budget in the amount of \$15,000.00 for the Organized Research Project "Infrared Studies of Free Radicals and Reactive Fragments at 4.2°K" for the period May 1, 1964, through April 30, 1965. A copy of the budget is attached and made a part of the Minutes. Attachment No. 13. (Organized Research Account No. 391-3630; Principal Investigator, Dr. Richard Edward Wilde, Jr.; Welch Grant No. D-148.)

Organized Research (Account No. 391-8760)

239. Accept a grant in the amount of \$2,800.00 from the Rob and Bessie Welder Wildlife Foundation, Sinton, Texas, to finance the Organized Research Project "Welder Wildlife Foundation Cooperative Research in Range Management" for the period February 1, 1964, through January 31, 1965. This is a continuation of a research project directed by Dr. Box. (Account No. 391-8760; Principal Investigator, Dr. Thadis Wayne Box.)

240. Approve a budget in the amount of \$2,800.00 for the Organized Research Project "Welder Wildlife Foundation Cooperative Research in Range Management" for the period February 1, 1964, through January 31, 1965. A copy of the budget is attached and made a part of the Minutes. Attachment No. 5. (Organized Research Account No. 391-8760; Principal Investigator, Dr. Thadis Wayne Box.)

Texas Technological College Research Farm

241. Approve the designation of the library area for the Killgore Beef Cattle Center at the Texas Technological College Research Farm as the "W. L. Stangel Library." Dr. Stangel has donated his personal library containing a basic set of books in animal husbandry and other areas of agriculture to the library located in the Killgore Beef Cattle Center, Texas Technological College Research Farm at Pantex, Texas.

Intercollegiate Athletics

242. Appoint Mr. Polk Fancher Robison as Athletic Director and Business Manager of Athletics and Associate Professor of Health, Physical Education and Recreation for Men at an annual salary of \$14,500.00, effective January 1, 1964, through December 31, 1964. This salary is to be paid \$4,000.00 from Health, Physical Education and Recreation for Men and \$10,500.00 from Intercollegiate Athletics. (Budgeted salary, \$9,000.00 Intercollegiate Athletics and \$4,000.00 Health, Physical Education and Recreation for Men; the additional funds required for this contract will be paid from unencumbered balances; p. 312.)

243. Appoint Mr. J. T. King as Head Football Coach at an annual salary of \$14,000.00, plus 120 meals per year valued at \$72.00, effective January 1, 1964, through December 31, 1964. (Budgeted salary, \$12,500.00 for 12 months, plus 120 meals per year valued at \$72.00; the additional funds required for this contract will be paid from unencumbered balances; p. 312.)

244. Appoint Mr. Joseph Simpson Blaylock as Assistant Football Coach at an annual salary of \$8,000.00, plus 120 meals per year valued at \$72.00, effective January 1, 1964, through December 31, 1964. (Budgeted salary, \$7,200.00, plus 120 meals per year valued at \$72.00; the additional funds required for this contract will be paid from unencumbered balances; p. 312.)

245. Appoint Mr. Harry Webster Buffington as Assistant Football Coach at an annual salary of \$10,000.00, plus 120 meals per year valued at \$72.00, effective January 1, 1964, through December 31, 1964. (Budgeted salary, \$9,500.00, plus 120 meals per year valued at \$72.00; the additional funds required for this contract will be paid from unencumbered balances; p. 313.)

246. Appoint Mr. John Francis Conley, Jr., as Assistant Football Coach at an annual salary of \$10,500.00, plus 120 meals per year valued at \$72.00, effective January 1, 1964, through December 31, 1964. (Budgeted salary, \$9,200.00, plus 120 meals per year valued at \$72.00; the additional funds required for this contract will be paid from unencumbered balances; p. 312.)

247. Appoint Mr. Merrill L. Green as Assistant Football Coach at an annual salary of \$10,000.00, plus 120 meals per year valued at \$72.00, effective January 1, 1964, through December 31, 1964. (Budgeted salary, \$9,400.00, plus 120 meals per year valued at \$72.00; the additional funds required for this contract will be paid from unencumbered balances; p. 312.)

Intercollegiate Athletics

248. Appoint Mr. George Berl Huffman as Freshman Football Coach and Varsity Baseball Coach at an annual salary of \$10,000.00, plus 120 meals per year valued at \$72.00, effective January 1, 1964, through December 31, 1964. (Budgeted salary, \$9,200.00, plus 120 meals per year valued at \$72.00; the additional funds required for this contract will be paid from unencumbered balances; p. 312.)

249. Appoint Mr. James Wright, Jr., as Assistant Football Coach at an annual salary of \$8,000.00, plus 120 meals per year valued at \$72.00, effective January 1, 1964, through December 31, 1964. (Budgeted salary, \$7,200.00, plus 120 meals per year valued at \$72.00; additional funds required for this contract will be paid from unencumbered balances; p. 313.)

Gift (Geology)

250. Accept a gift of a set of twelve (12) maps and two cross sections from Mr. W. Floyd Wright, Midland consulting geologist, Midland, Texas, for the Department of Geosciences. Mr. Wright compiled the maps in connection with a series of geological articles dealing with the various oil-producing formations in the Permian Basin Empire. Two years of research were required to complete the project.

Gift (Southwest Collection)

251. Accept for the Southwest Collection certain articles of personal property from Mr. Winfred McCormick, Albuquerque, New Mexico. The property comprises the evolution of a book known as The Five Man Break, written by the grantor in 1961-62 and published by David McKay Company, New York, New York. A copy of a Deed of Gift is attached and made a part of the Minutes. Attachment No. 22.

Gift (Texas Technological College Research Farm)

252. Accept as a gift from Dr. W. L. Stangel, Dean Emeritus of the School of Agriculture, a collection of books in animal husbandry and other areas of agriculture for the Texas Technological College Research Farm at Pantex, Texas.

Gifts (Through the Office of Development)

253. Accept cash gifts in the amount of \$14,528.05 through the Texas Technological College Foundation. The donor, the purpose of the gift, the account number, and the amount of each gift is listed on Attachment No. 20. The attachment has been made a part of the Minutes.

254. Accept cash gifts in the amount of \$17,416.50 through the Texas Technological College Foundation. The donor, the purpose of the gift, the account number, and the amount of each gift is listed on Attachment No. 21. This attachment has been made a part of the Minutes.

In-State Leaves

I recommend your approval of the following in-state leaves without loss of pay by the staff members listed below:

255. Grant permission to Mr. Walter J. Cartwright, Assistant Professor in the Department of Sociology, to go to Dallas from March 26, 1964, through March 28, 1964, to read an original research paper entitled "The Art Guild of Lubbock as a Productive Factor in the Recruitment of Artists" at the annual meeting of the Southwestern Sociological Association; expenses are to be paid from the Department of Sociology Maintenance, Equipment and Travel Account.

256. Grant permission to Dr. Lewis J. Davies, Associate Professor in the Department of Sociology, to go to Dallas from March 26, 1964, through March 28, 1964, to present an original research paper entitled "The Suez Crisis, 1956, as Depicted by American and Foreign Cartoonists: Form and Content Analysis" at the annual meeting of the Southwestern Sociological Association; expenses are to be paid from the Department of Sociology Maintenance, Equipment and Travel Account.

257. Grant permission to Dr. Berlie J. Fallon, Professor of Education, to go to Austin from March 4, 1964, through March 7, 1964, to read a research paper before the state meeting of the Texas Association of School Business Officials; expenses are to be paid from the Department of Education and Philosophy Maintenance, Equipment and Travel Account.

In-State Leaves

258. Grant permission to Dr. Berlie J. Fallon, Professor in the Department of Education and Philosophy, to go to Canyon from March 9, 1964, through March 11, 1964, to serve as a consultant for the Canyon Public Schools; at no expense to the College.

259. Grant permission to Dr. Joseph T. McCullen, Jr., Professor in the Department of English, to go to San Antonio from March 25, 1964, through April 5, 1964, to read an original research paper entitled "King Lear As Tragedy" at the annual meeting of the Texas Conference of College Teachers of English; expenses are to be paid from the Department of English Maintenance, Equipment and Travel Account.

260. Grant permission to Dr. Mhyra S. Minnis, Associate Professor in the Department of Sociology, to go to Dallas from March 26, 1964, through March 28, 1964, to read an original research paper entitled "The Study of Suicide" at the annual meeting of the Southwestern Sociological Association; expenses are to be paid from the Department of Sociology Maintenance, Equipment and Travel Account.

261. Grant permission to Dr. Harley D. Oberhelman, Associate Professor and Head of the Department of Foreign Languages, to go to San Angelo from March 5, 1964, through March 7, 1964, to present a research paper entitled "Colleges and the New Key" at a meeting of the San Angelo district of the Texas State Teachers Association, foreign language division; at no expense to the College.

262. Grant permission to Dr. Russell H. Seacat, Associate Professor in the Department of Electrical Engineering, to go to Dallas from April 22, 1964, through April 24, 1964, to deliver an original research paper entitled "The Dual of Feussner's Method" at the annual meeting of the Southwestern Institute of Electrical and Electronics Engineers; expenses are to be paid from the Department of Electrical Engineering Maintenance, Equipment and Travel Account.

263. Grant permission to Dr. W. G. Steglich, Professor and Head of the Department of Sociology, to go to Dallas from March 26, 1964, through March 28, 1964, to present an original research paper entitled "Some Characteristics of Long- vs. Short-Distance Migrants" at the annual meeting of the Southwestern Sociological Association; expenses are to be paid from the Department of Sociology Maintenance, Equipment and Travel Account.

Out-of-State Leaves

I recommend your approval of the following out-of-state leaves without loss of pay by the staff members listed below:

264. Grant permission to Dr. Richard E. Berry, Associate Professor in the Department of Physics, to go to Tucson, Arizona, from February 26, 1964, through February 29, 1964, to attend the regional meeting of the American Physical Society in order to acquire information to be used in lectures at Texas Tech; expenses are to be paid from the Department of Physics Maintenance, Equipment and Travel Account.

265. Grant permission to Dr. Lowell L. Blaisdell, Professor in the Department of History, to go to Saint Louis, Missouri, from April 9, 1964, through April 12, 1964, to attend the annual meeting of the American Association of University Professors; at no expense to the College.

266. Grant permission to Dr. Thadis W. Box, Associate Professor in the Department of Agronomy and Range Management, to go to Las Vegas, Nevada, from March 8, 1964, through March 12, 1964, to present an original research paper entitled "Wildlife Habitat Changes Following Brush Control on South Texas Rangelands" at the North American Wildlife Conference; at no expense to the College.

267. Grant permission to Dr. Floyd Boze, Dean of Admissions and Registrar, to go to Hobbs, Eunice, Jal, and Carlsbad, New Mexico, from February 17, 1964, through February 19, 1964, to attend college day programs as a part of his duties as Dean of Admissions and Registrar; expenses are to be paid from the Miscellaneous Travel Account No. 391-2680.

Out-of-State Leaves

268. Grant permission to Dr. Floyd D. Boze, Dean of Admissions and Registrar, to go to Omaha, Nebraska, from April 19, 1964, through April 24, 1964, to attend the annual meeting of the American Association of Collegiate Registrars and Admissions Officers to obtain information which will be put to use at Texas Tech; expenses are to be paid from the Office of the Registrar Maintenance, Equipment and Travel Account.

269. Grant permission to Dr. Faye L. Bumpass, Associate Professor in the Department of Foreign Languages, to go to Tucson, Arizona, from May 4, 1964, through May 7, 1964, to present an original research paper entitled "Basic Considerations and Sequenced Steps for Teaching Young Students to Read in a Foreign Language" at the national meeting of the National Council of Teachers of English and the Modern Language Association of America; expenses are to be paid from the Department of Foreign Languages Maintenance, Equipment and Travel Account.

270. Grant permission to Dr. Earl D. Camp, Professor and Head of the Department of Biology, to go to Boulder, Colorado, from August 22, 1964, through August 29, 1964, to attend the national meeting of the American Institute of Biological Sciences in order to obtain scientific information which will be incorporated into courses taught at Tech and to interview prospective staff members for the Department of Biology; expenses are to be paid from the Department of Biology Maintenance, Equipment and Travel Account.

271. Grant permission to Mr. W. C. Cole, Manager of the Texas Tech College Bookstore, to go to San Francisco, California, from April 25, 1964, through May 2, 1964, to attend the annual meeting of the National Association of College Stores and to do buying for the Bookstore; expenses are to be paid from the Bookstore Maintenance, Equipment and Travel Account.

272. Grant permission to Dr. Mary B. Dabney, Professor and Head of the Department of Health, Physical Education and Recreation for Women, to go to Jacksonville, Florida, from February 26, 1964, through March 5, 1964, to attend the Southern Association of Physical Education for College Women and the Southern District of the American Association for Health, Physical Education and Recreation in order to gain information which will be incorporated into courses taught at Texas Tech; expenses are to be paid from the Department of Health, Physical Education and Recreation for Women Maintenance, Equipment and Travel Account.

273. Grant permission to Dr. Raymond L. Davidson, Professor in the Department of Education and Philosophy, to go to Rochester, New York, from April 20, 1964, through April 25, 1964, to attend the national convention of the Department of Audiovisual Instruction in order to learn new materials and techniques which will be used in courses taught at Texas Tech; expenses are to be paid from the Department of Education and Philosophy Maintenance, Equipment and Travel Account.

274. Grant permission to Dr. Kenneth W. Davis, Assistant Professor in the Department of English, to go to Nashville, Tennessee, from April 28, 1964, through May 2, 1964, to represent Texas Tech's Department of English at the Vanderbilt University Literary Symposium in order to obtain information which will be incorporated into the graduate teaching program in English at Texas Tech; expenses are to be paid from the Department of English Maintenance, Equipment and Travel Account.

275. Grant permission to Mr. E. R. Forman, Assistant Manager of the Texas Tech College Bookstore, to go to San Francisco, California, from April 25, 1964, through May 2, 1964, to attend the annual meeting of the National Association of College Stores and to do buying for the Bookstore; expenses are to be paid from the Bookstore Maintenance, Equipment and Travel Account.

276. Grant permission to Dr. John C. Gilliam, Associate Professor in the Department of Business Education and Secretarial Administration, to go to Chicago, Illinois, from February 20, 1964, through February 22, 1964, to attend the National Association for Business Teacher Education Convention; information acquired at this meeting will be incorporated into courses at Texas Tech; expenses are to be paid from the Department of Business Education and Secretarial Administration Maintenance, Equipment and Travel Account.

Out-of-State Leaves

277. Grant permission to Dr. Lola Beth Green, Associate Professor in the Department of English, to go to Urbana, Illinois, from April 1, 1964, through April 4, 1964, to attend the Conference on English Education sponsored by the National Council of Teachers of English in order to gain information which will be incorporated into courses taught at Texas Tech; expenses are to be paid from the Department of English, Maintenance, Equipment and Travel Account.

278. Grant permission to Dr. Paul G. Griffith, Professor in the Department of Electrical Engineering, to go to Poughkeepsie, New York, and Philadelphia, Pennsylvania, from February 17, 1964, through February 21, 1964, to (1) visit the solid-state research facilities at IBM in Poughkeepsie to keep Texas Tech abreast in this field and (2) to attend the international solid-state circuits conference in Philadelphia to gain information which will be incorporated into courses taught at Texas Tech; expenses are to be paid from the Department of Electrical Engineering Maintenance, Equipment and Travel Account.

279. Grant permission to Dr. Harry G. Hecht, Assistant Professor in the Department of Chemistry, to go to Pittsburgh, Pennsylvania, from February 27, 1964, through March 5, 1964, to attend the Fifth Experimental NMR Conference and the Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy in order to gain information in the field of NMR spectroscopy to be incorporated into courses taught at Texas Tech; expenses are to be paid from the Department of Chemistry Maintenance, Equipment and Travel Account.

280. Grant permission to Dr. P. Merville Larson, Professor and Head of the Department of Speech, to go to Indianapolis, Indiana, from March 27, 1964, through April 3, 1964, to accompany and coach students at the National Student Congress and Tournament of Delta Sigma Rho and Tau Kappa Alpha (such participation is a part of Speech 235 and 318); expenses are to be paid from the Department of Speech Maintenance, Equipment and Travel Account.

281. Grant permission to Mrs. Maria Olivia Munoz, Visiting Associate Professor in the Department of Foreign Languages, to go to Tucuman, Argentina, from June 17, 1964, through August 18, 1964, to serve on the staff of the Summer Language Institute to be conducted by Texas Technological College; expenses are to be paid from the Summer Institute for Teachers of Spanish Maintenance, Equipment and Travel Account. (Account No. 391-1252; Mr. Alfred Bell Strehli, Director.)

282. Grant permission to Dr. Levi Marshall Nagle, Associate Professor in the Department of Education and Philosophy, to go to Miami Beach, Florida, from April 3, 1964, through April 10, 1964, to attend the national convention of the Association of Supervision and Curriculum Development to gain information for incorporation into courses taught at Texas Tech and to secure information needed in his position as Assistant Director of Teacher Certification; expenses are to be paid from the Department of Education and Philosophy Maintenance, Equipment and Travel Account.

283. Grant permission to Dr. W. M. Pearce, Vice President for Academic Affairs, to go to Albuquerque, New Mexico, and Colorado Springs, Colorado, from February 23, 1964, through February 29, 1964, to attend an academic conference at the University of New Mexico and to visit the Air Force Academy at Colorado Springs to study their administrative organization, as a part of his duties as Vice President for Academic Affairs; expenses are to be paid from the Office of the President Maintenance, Equipment and Travel Account.

284. Grant permission to Dr. Florence Phillips, Dean of Women, to go to Lexington, Kentucky, from March 15, 1964, through March 18, 1964, to serve as faculty sponsor for the students attending the Convention of Region III of the Intercollegiate Association of Women Students; expenses are to be paid from the Association of Women Students Account No. 991-1580.

285. Grant permission to Dr. Florence Phillips, Dean of Women, to go to Portland, Oregon, from March 18, 1964, through March 22, 1964, to attend the Convention of the National Association of Women Deans and Counselors in order to obtain information and ideas to be used in planning a better program for Texas Tech women; expenses are to be paid from the Office of the Dean of Student Life Maintenance, Equipment and Travel Account.

Out-of-State Leaves

286. Grant permission to Mr. Louis John Powers, Professor and Head of the Department of Mechanical Engineering, to go to Denver, Colorado, from February 19, 1964, through February 22, 1964, at the request of the National Science Foundation; at no expense to the College.

287. Grant permission to Miss Margot M. Purdy, Instructor in the Department of Health, Physical Education and Recreation for Women and Director of Intramural Program for Women, to go to Jacksonville, Florida, from February 26, 1964, through March 5, 1964, to attend the Southern Physical Education Convention in order to gain new ideas and information which will be used to improve Texas Tech's Intramural Program for Women; expenses are to be paid from the Intramural Program for Women Maintenance, Equipment and Travel Account.

288. Grant permission to Mr. Deskin H. Shurbet, Professor in the Department of Geosciences, to go to Washington, D. C., from April 20, 1964, through April 25, 1964, to attend the annual meeting of the American Geophysical Union in order to get current information for inclusion in courses at Texas Tech; expenses are to be paid from the Department of Geosciences Maintenance, Equipment and Travel Account.

289. Grant permission to Dr. Carey T. Southall, Jr., Associate Professor in the Department of Education and Philosophy, to go to Chicago, Illinois, from February 18, 1964, through February 23, 1964, to attend the national meeting of the Association for Student Teaching in order to secure information which will be incorporated into the curriculum in student teaching at Texas Tech; expenses are to be paid from the Department of Education and Philosophy Maintenance, Equipment and Travel Account.

290. Grant permission to Dr. Russell William Strandtmann, Professor of Biology, to go to the Baja California Territory (Mexico) from March 25, 1964, through April 2, 1964, to collect parasitic mites for use on an Organized Research Project; expenses are to be paid from Organized Research Funds, Account No. 391-3151.

291. Grant permission to Dr. Joe W. Tidrow, Associate Professor in the Department of Education and Philosophy, to go to Miami Beach, Florida, from April 3, 1964, through April 10, 1964, to attend the Association of Supervision and Curriculum Development in order to gain information and ideas which will be incorporated into the teaching of his classes in curriculum development at Texas Tech; expenses are to be paid from the Department of Education and Philosophy Maintenance, Equipment and Travel Account.

292. Grant permission for Dr. Donald Ward Tinkle, Professor of Biology, to go to the islands of San Pedro Nolasco and San Pedro Martyr, Mexico, from March 25, 1964, through April 3, 1964, to collect specimens for the Organized Research Project "An Experimental Study of the Evolutionary Status of Species in the Lizard Genus Uta"; expenses are to be paid from Organized Research Funds, Account No. 191-4715.

293. Grant permission to Dr. Willa Vaughn Tinsley, Dean of Home Economics, to go to Lincoln, Nebraska, from March 15, 1964, through March 19, 1964, to serve as a member of the evaluation team for the National Council for Accreditation of Teacher Education at the University of Nebraska; at no expense to the College.

294. Grant permission to Mr. Kirk B. Turner, Associate Professor in the Department of Animal Husbandry, to go to Stillwater, Oklahoma, from March 5, 1964, through March 8, 1964, to attend the Oklahoma Nutrition Conference and Workshop; at no expense to the College.

295. Grant permission to Dr. F. Alton Wade, Professor and Head of the Department of Geosciences, to go to Washington, D. C., from April 20, 1964, through April 25, 1964, to attend the annual meeting of the American Geophysical Union to get current information for inclusion in courses in geosciences; expenses are to be paid from the Department of Geosciences Maintenance, Equipment and Travel Account.

Out-of-State Leaves

296. Grant permission to Dr. Willard F. Williams, Professor and Head of the Department of Agricultural Economics, to go to New Orleans, Louisiana, from March 22, 1964, through March 26, 1964, to present an original research paper entitled "Interregional Competition--the Relevant Theory" at the Southern Farm Management Research Committee meeting; expenses are to be paid from the Department of Agricultural Economics Maintenance, Equipment and Travel Account.

297. Grant permission to Miss Billie F. Williamson, Associate Professor in the Department of Home Economics Education, to go to Miami Beach, Florida, from April 4, 1964, through April 9, 1964, to attend the Association for Supervision and Curriculum Development Conference for the purpose of gaining new information for incorporation into classes taught at Texas Tech; expenses are to be paid from the Department of Home Economics Education Maintenance, Equipment and Travel Account.

Respectfully submitted,



R. C. Goodwin
President

RCG/bg

TEXAS TECHNOLOGICAL COLLEGE
Lubbock, Texas

February 3, 1964

TO THE HONORABLE MEMBERS OF THE BOARD
OF DIRECTORS OF TEXAS TECHNOLOGICAL COLLEGE

Gentlemen:

I am submitting herewith as Attachment No. 1A to the Agenda, the following items for information and approval of the Board of Directors at a meeting to be held in Lubbock, Texas, on February 15, 1964:

RECOMMENDED ACTION

Office of the Comptroller

3013. Revise the contract of Mrs. Mary Elizabeth Smith, Secretary II (116) in the Office of the Comptroller, from "an annual salary of \$3,000.00" to "an annual salary of \$3,180.00," effective February 1, 1964, through August 31, 1964. (Budgeted salary \$3,360.00 for 12 months; p. 5.)

3014. Accept the resignation of Mrs. Lenne Whorton, Clerk-Typist I in the Office of the Comptroller, at an annual salary of \$3,000.00, effective at the close of the day, December 20, 1963. (Budgeted salary \$3,000.00 for 12 months; p. 6.)

Office of the Comptroller (Accounting Department)

3015. Employ Mrs. Charlotte Ann Low as a Clerk-Typist I in the Office of the Comptroller (Accounting Department) at an annual salary of \$2,760.00, effective January 15, 1964, through August 31, 1964, vice Mrs. Lenne Whorton, resigned. (Budgeted salary \$3,000.00 for 12 months; p. 6.)

Office of the Comptroller (Payroll Department)

3016. Accept the resignation of Mrs. Wanda LaRue Barnett, Bookkeeping Machine Operator, Office of the Comptroller (Payroll Department), at an annual salary of \$3,000.00, effective at the close of the day, January 31, 1964. (Budgeted salary \$3,000.00 for 12 months; p. 6.)

Office of the Comptroller (Inventory Department)

3017. Revise the contract of Mr. Larry Noble Marks from "Property Inventory Supervisor at an annual salary of \$5,760.00" to "Property Inventory Supervisor (one-half time) at an annual salary of \$3,030.00 and Acting Assistant Central Stores and Property Manager (one-half time) at an annual salary of \$3,030.00," effective February 1, 1964, through August 31, 1964. (Budgeted salary \$5,760.00 for 12 months, Office of Comptroller, and \$6,060.00 for 12 months, General Services, Central Warehouse and Receiving; p. 7 and p. 185.)

3018. Revise the contract of Mr. Louis Frank Kaether, Assistant Property Inventory Supervisor, Office of the Comptroller (Inventory Department), from "an annual salary of \$4,080.00" to "an annual salary of \$4,260.00," effective March 1, 1964, through August 31, 1964. (Budgeted salary \$4,080.00 for 12 months; the additional funds in the amount of \$90.00 required for this contract will be paid from lapsed funds; p. 7.)

Office of the Comptroller (Data Processing Department)

3019. Employ Mr. Richard S. Broker as a Computer Programmer in the Office of the Comptroller (Data Processing Department) at an annual salary of \$6,060.00, effective January 21, 1964, through August 31, 1964. (New position; this salary will be paid from lapsed funds; p. 8.)

3020. Lapse the sum of \$3,714.19 from the budgeted allocation for Maintenance, Equipment and Travel (Machine Rental) in the Office of the Comptroller (Data Processing Department).

3021. Approve an honorarium in the amount of \$45.00 to Mr. Johnnie Royall, 7001 E. Lincoln, Wichita, Kansas, for his services as consultant in the Data Processing Department on January 18, 1964. This is to be paid from Maintenance, Equipment and Travel Account of the Office of the Comptroller (Data Processing Department).

Office of the Dean of Admissions and Registrar

3022. Revise the contract of Mr. Donald Lee Renner, Office of the Dean of Admissions and Registrar, from "Assistant Dean of Admissions and Registrar at a salary of \$4,879.00 for seven months" to "Assistant Dean of Admissions and Registrar and Part-time Instructor in Management at a salary of \$5,429.00 for seven months," effective February 1, 1964, through August 31, 1964. This salary will be paid as follows: \$550.00 from teaching salaries from February 1, 1964, through June 15, 1964, and \$4,879.00 from the Office of the Dean of Admissions and Registrar from February 1, 1964, through August 31, 1964. (Budgeted salary \$4,879.00, Office of the Registrar; the teaching salary, \$550.00, will be paid from lapsed funds.)

3023. Accept the resignation of Mrs. Jane Carolyn Easterwood, Clerk II (102) in the Office of the Dean of Admissions and Registrar, at an annual salary of \$3,180.00, effective at the close of the day, December 20, 1963. (Budgeted salary \$3,180.00 for 12 months; p. 13.)

3024. Employ Mrs. Ethel Lavonia Kerby as a Clerk II in the Office of the Dean of Admissions and Registrar, at an annual salary of \$2,880.00, effective January 20, 1964, through August 31, 1964, vice Mrs. Jane Carolyn Easterwood, resigned. (Budgeted salary \$3,180.00 for 12 months; p. 13.)

Office of the Dean of Student Life

3025. Grant Mrs. Carolyn Kay Grayson, Secretary I in the Office of the Dean of Student Life, a leave of absence without pay for the day, December 30, 1963.

3026. Lapse the unencumbered balance in the amount of \$7.74 from the budgeted allocation for Secretary I in the Office of the Dean of Student Life. (Original budgeted salary \$2,880.00 for 12 months; p. 15.)

3027. Accept the resignation of Mrs. Marisue Pounders Smith, Clerk II in the Office of the Dean of Student Life (one-half time), at an annual salary of \$1,440.00, effective at the close of the day, November 30, 1963. (Budgeted salary \$1,440.00 for 12 months; p. 15.)

3028. Employ Mrs. Jo Jeannine Henderson as Clerk II (Part-time) in the Office of the Dean of Student Life at an annual salary of \$1,440.00, effective December 2, 1963, through August 31, 1964, vice Mrs. Marisue Pounders Smith, resigned. (Budgeted salary \$1,440.00 for 12 months; p. 15.)

3029. Lapse the unencumbered balance in the amount of \$3.87 from the budgeted allocation for Clerk II (Part-time, 102) in the Office of the Dean of Student Life. (Budgeted salary \$1,440.00 for 12 months; p. 15.)

Public Information

3030. Accept the resignation of Mrs. Patsy Ann Wallace, Secretary I (115) in Public Information, at an annual salary of \$3,000.00, effective at the close of the day, January 31, 1964. (Budgeted salary \$3,000.00 for 12 months; p. 22.)

3031. Employ Mrs. Becky Jo Clark as Secretary I in Public Information at an annual salary of \$2,880.00, effective February 1, 1964, through August 31, 1964, vice Mrs. Patsy Ann Wallace. (Budgeted salary \$2,880.00 for 12 months; p. 22.)

Agricultural Engineering

3032. Accept the resignation of Miss Hope Annetta Roberson, Secretary I in the Department of Agricultural Engineering, at an annual salary of \$3,180.00, effective at the close of the day, December 10, 1963. (Budgeted salary \$3,180.00 for 12 months; p. 34.)

3033. Employ Mrs. Elwanda June Miers as Secretary I (115) in the Department of Agricultural Engineering at an annual salary of \$3,180.00, effective December 11, 1963, through August 31, 1964, vice Miss Hope Annetta Roberson, resigned. (Budgeted salary \$3,180.00 for 12 months; p. 34.)

3034. This following excerpt from a letter under date of December 24, 1963, from Mr. J. L. Butt, Executive Secretary of the American Society of Agricultural Engineers, Saint Joseph, Michigan, is being incorporated in the Board Minutes for record purposes:

"This is to advise you that the Board of Directors of the American Society of Agricultural Engineers, upon recommendation of the Society's Curriculum and Course Content Committee, and review by the Educational and Research Division, has voted to recognize the curriculum at Texas Technological College for a period of three years from January 1, 1964 ..."

Park Administration, Horticulture and Entomology

3035. Lapse the unencumbered balance in the amount of \$4,794.85 from the budgeted allocation for Professor of Park Administration, Horticulture and Entomology. (Budgeted salary \$10,300.00 for 9 months; Dr. George O. Elle, contract revised; p. 40.)

3036. Revise the contract of Mrs. Mary Kate Hunt, Secretary II in the Department of Park Administration, Horticulture and Entomology, from "an annual salary of \$3,180.00" to "an annual salary of \$3,360.00," effective December 1, 1963, through August 31, 1964. (Budgeted salary \$3,180.00 for 12 months; p. 41; the additional funds in the amount of \$135.00 required for this contract will be paid from lapsed funds.)

Office of the Dean of Agriculture

3037. Lapse the unencumbered balance in the amount of \$9,198.28 from the budgeted allocation for the Dean of the School of Agriculture. (Budgeted salary \$16,500.00 for 12 months; Dr. Gerald Waylett Thomas, on leave; p. 42.)

Biology

3038. Revise the contract of Mr. Paul Gilbert Desha, Teaching Assistant in the Department of Biology, from "two-fifths time at a salary of \$1,000.00 for four and one-half months" to "three-fifths time at a salary of \$1,500.00 for four and one-half months," effective February 1, 1964, through June 15, 1964. (Budgeted salary \$1,000.00 for $4\frac{1}{2}$ months; p. 42.)

3039. Appoint Mr. Orlando Cuellar as a Teaching Assistant in the Department of Biology at a salary of \$1,000.00 for four and one-half months, effective February 1, 1964, through June 15, 1964. This salary will be paid from lapsed funds; p. 47.

3040. Accept the resignation of Mr. Clyde Rayburn Powell, Teaching Assistant in the Department of Biology, at a salary of \$2,000.00 for nine months, effective with the close of the day, January 31, 1964. (Budgeted salary \$2,000.00 for 9 months; p. 47.)

3041. Appoint Mr. Martin Lawrence Kraft as a Teaching Assistant in the Department of Biology, at a salary of \$1,000.00 for four and one-half months, effective February 1, 1964, through June 15, 1964, vice Mr. Clyde Rayburn Powell, resigned. (Budgeted salary \$2,000.00 for 9 months; p. 47.)

3042. Appoint Mr. Kirk Leroy Whiteside as a Teaching Assistant in the Department of Biology, at a salary of \$1,000.00 for four and one-half months, effective February 1, 1964, through June 15, 1964. This salary will be paid from lapsed funds; p. 47.

Chemistry

3043. Accept the resignation of Mr. Edward Eugene Mach, Teaching Assistant in the Department of Chemistry, at a salary of \$2,000.00 for nine months, effective at the close of the day, January 31, 1964. (Budgeted salary \$2,000.00 for 9 months; p. 49.)

3044. Appoint Mr. Richard James Abler, Jr., as a Teaching Assistant in Chemistry, at a salary of \$1,000.00 for four and one-half months, effective February 1, 1964, through June 15, 1964, vice Mr. Edward Eugene Mach, resigned. (Budgeted salary \$2,000.00 for 9 months; p. 49.)

3045. Grant Mrs. Eva Allison McDowell, Secretary I in the Department of Chemistry at an annual salary of \$3,000.00, a leave of absence without pay, effective December 11, 1963 (8 a.m.), through December 13, 1963 (3 working days). (Budgeted salary, \$3,000.00 for 12 months; p. 50.)

3046. Lapse the unencumbered balance in the amount of \$24.19 from the budgeted allocation for Secretary I in the Department of Chemistry. (Budgeted salary, \$3,000.00 for 12 months; p. 50; Mrs. Eva Allison McDowell, on leave without pay for 3 days.)

3047. Approve an honorarium in the amount of \$120.00 to Dr. Martin Ettlinger, Department of Chemistry, Rice University, Houston 1, Texas, for his services as consultant and guest lecturer in the Department of Chemistry on February 24-25, 1964. This is to be paid from the Department of Chemistry Maintenance, Equipment and Travel Account.

Education and Philosophy

3048. Accept the resignation of Mrs. Helen Janette Kelley, Clerk-Typist I in the Department of Education and Philosophy, at an annual salary of \$2,880.00, effective at the close of the day, December 31, 1963. (Budgeted salary \$2,880.00 for 12 months; Re: Item No. 2866, Board Minutes of December 7, 1963; p. 53.)

3049. Employ Mrs. Marilyn Jean Laughlin as Clerk-Typist I in the Department of Education and Philosophy at an annual salary of \$2,760.00, effective January 10, 1964, through August 31, 1964, vice Mrs. Helen Janette Kelley, resigned. (Budgeted salary \$2,880.00 for 12 months; p. 53.)

3050. Appropriate from the unappropriated balance the sum of \$1,200.00 to the Department of Education and Philosophy Maintenance, Equipment and Travel Account. This is to be used to pay an honorarium to a special consultant for the Department of Education for the first term of summer school. The consultant will assist with the workshop in Elementary Modern Mathematics from June 5, 1964, through June 25, 1964.

English

3051. Appoint Dr. Roger Leon Brooks as Associate Professor of English (one-half time) and Associate Dean of the Graduate School (one-half time) at an annual salary of \$12,000.00, effective February 1, 1964, through August 31, 1964. (Budgeted salary: English \$4,550.00 for $4\frac{1}{2}$ months; the Graduate School \$3,600.00 for Assistant Dean for 12 months; p. 55 and p. 143.)

3052. Lapse the unencumbered balance in the amount of \$1,050.00 from the budgeted allocation for Associate Professor of English. (Budgeted salary \$9,100.00 for 9 months; Dr. Roger Leon Brooks.)

3053. Grant Mrs. Carol Conway Hilton, Instructor in English, a leave of absence without pay, effective February 1, 1964, through June 15, 1964. (Budgeted salary \$5,700.00 for 9 months; Mrs. Carol Conway Hilton; p. 57.)

3054. Lapse the unencumbered balance in the amount of \$2,850.00 from the budgeted allocation for an Instructor in English for the 1964 Spring Semester. (Budgeted salary \$5,700.00 for 9 months; p. 57.)

3055. Appoint Mrs. Priscilla Sue Boatwright as a Teaching Assistant in the Department of English at a salary of \$500.00 for four and one-half months, effective February 1, 1964, through June 15, 1964. This salary will be paid from lapsed funds.

3056. Revise the contract of Mr. Carroll Wade Jennings, Teaching Assistant in English, from "one-fifth time at a salary of \$600.00 for four and one-half months" to "two-fifths time at a salary of \$1,200.00 for four and one-half months," effective February 1, 1964, through June 15, 1964. (Budgeted salary \$600.00 for $4\frac{1}{2}$ months; the additional funds in the amount of \$600.00 required for this contract will be paid from lapsed funds; p. 58.)

3057. Revise the contract of Mr. Horace Grady Lackey, Jr., Teaching Assistant in English, from "one-fifth time at a salary of \$500.00 for four and one-half months" to "two-fifths time at a salary of \$1,000.00 for four and one-half months," effective February 1, 1964, through June 15, 1964. (Budgeted salary \$500.00 for $4\frac{1}{2}$ months; the additional funds in the amount of \$500.00 required for this contract will be paid from lapsed salaries; p. 58.)

3058. Appoint Miss Nell Marie Nixon as a Teaching Assistant in the Department of English at a salary of \$500.00 for four and one-half months, effective February 1, 1964, through June 15, 1964. This salary will be paid from lapsed funds.

3059. Revise the contract of Miss Diana Kirtley Roberts, Teaching Assistant in English, from "one-fifth time at a salary of \$500.00 for four and one-half months" to "two-fifths time at a salary of \$1,000.00 for four and one-half months," effective February 1, 1964, through June 15, 1964. (Budgeted salary \$500.00 for $4\frac{1}{2}$ months; the additional funds in the amount of \$500.00 required for this contract will be paid from lapsed funds; p. 59.)

3060. Appropriate from the unappropriated balance the sum of \$500.00 to the Maintenance, Equipment and Travel Account for the Department of English.

3061. Approve an honorarium in the amount of \$400.00 to Dr. Clarence Gohdes, Professor of English, Duke University, Durham, North Carolina, for his services as consultant and guest lecturer for the Department of English on May 11-12, 1964. This will be paid from the Department of English Maintenance, Equipment and Travel Account.

Foreign Languages

3062. Revise the contract of Mr. Alfred Bell Strehli, Professor in the Department of Foreign Languages, from "full-time teaching at a salary of \$4,850.00 for four and one-half months" to "three-fifths time teaching at a salary of \$2,910.00 for four and one-half months and two-fifths time as Director of the Summer Institute for Teachers of Spanish at a salary of \$1,940.00 for four and one-half months," effective February 1, 1964, through June 15, 1964. (Budgeted salary \$4,850.00 Foreign Languages and \$1,940.00 Summer Institute for Teachers of Spanish, Account No. 391-1252.)

3063. Lapse the unencumbered balance in the amount of \$1,940.00 from the budgeted allocation for Professor of Foreign Languages. (Budgeted salary \$9,700.00 for 9 months; Mr. Alfred Bell Strehli; p. 61.)

3064. Revise the contract of Mr. Jeffery Lane Greene, Teaching Assistant in the Department of Foreign Languages, from "two-fifths time at a salary of \$1,000.00 for four and one-half months" to "four-fifths time at a salary of \$2,000.00 for four and one-half months," effective February 1, 1964, through June 15, 1964. (Budgeted salary \$1,000.00 for $4\frac{1}{2}$ months; the additional funds in the amount of \$1,000.00 required for this contract will be paid from lapsed salaries; p. 63.)

3065. Appropriate from the unappropriated balance the sum of \$192.00 to the Department of Foreign Languages Maintenance, Equipment and Travel Account. This is to be used to pay the expenses of Mr. Alfred B. Strehli, Professor in the Department of Foreign Languages to the Modern Language Association in Chicago, Illinois, from December 26, 1963, through December 30, 1963.

3066. Approve an honorarium in the amount of \$150.00 to Dr. Carl Hammer, Jr., Professor of German, Louisiana State University and Agricultural and Mechanical College, Baton Rouge, Louisiana, for his services as consultant and guest lecturer for the Department of Foreign Languages on December 13-14, 1963. This is to be paid from the Department of Foreign Languages Maintenance, Equipment and Travel Account.

Geosciences

3067. Accept the resignation of Mr. Kerby Eugene LaPrade, Teaching Assistant in the Department of Geosciences at a salary of \$2,200.00 for nine months, effective at the close of the day, January 31, 1964. (Budgeted salary \$2,200.00 for 9 months; p. 66.)

3068. Lapse the unencumbered balance in the amount of \$1,100.00 from the budgeted allocation for a Teaching Assistant in the Department of Geosciences. (Budgeted salary \$2,200.00 for 9 months; Mr. Kerby Eugene LaPrade, resigned; p. 66.)

3069. Accept the resignation of Mrs. Patricia A. Mefford, Secretary II in the Department of Geosciences at an annual salary of \$3,180.00, effective at the close of the day, January 31, 1964. (Budgeted salary \$3,180.00 for 12 months; p. 67.)

Government

3070. Grant Mr. Tod Atkins Baker, Instructor in Government, a leave of absence without pay for the 1964 Spring Semester. Mr. Baker will continue his work in the Graduate School. (Budgeted salary \$3,200.00 for Spring Semester; p. 68.)

3071. Lapse the budgeted allocation in the amount of \$3,200.00 for Instructor in Government for the 1964 Spring Semester. (Budgeted salary \$3,200.00 for the Spring Semester; Mr. Tod Atkins Baker, on leave; p. 68.)

3072. Appoint Mr. Richard Gene Vance as a Temporary Instructor in Government at a salary of \$2,600.00 for four and one-half months, effective February 1, 1964, through June 15, 1964. This salary will be paid from lapsed funds; p. 68.

3073. Revise the contract of Mr. Paul Ray Woodruff, Jr., Department of Government, from "a Teaching Assistant at a salary of \$1,500.00 for four and one-half months" to "a Temporary Instructor at a salary of \$2,600.00 for four and one-half months," effective February 1, 1964, through June 15, 1964. This salary will be paid \$1,500.00 from the budgeted allocation for Teaching Assistant, and \$1,100.00 from lapsed funds; p. 69.

3074. Accept the resignation of Mr. James Ronald Suiter, Teaching Assistant in Government, at a salary of \$1,000.00 for nine months, effective at the close of the day, January 31, 1964. (Budgeted salary \$1,000.00 for 9 months; p. 70.)

3075. Lapse the unencumbered balance in the amount of \$500.00 from the budgeted allocation for a Teaching Assistant in Government. (Budgeted salary \$1,000.00 for 9 months; p. 70; Mr. James Ronald Suiter, resigned.)

Health, Physical Education and Recreation for Men

3076. Approve an honorarium in the amount of \$225.00 to Dr. Paul Hunsicker, College of Health, Physical Education and Recreation, The University of Michigan, Ann Arbor, Michigan, for his services as consultant and guest lecturer in the Department of Health, Physical Education and Recreation for Men from April 8, 1964, through April 11, 1964. This is to be paid from the Department of Health, Physical Education and Recreation for Men Maintenance, Equipment and Travel Account.

History and Anthropology

3077. Revise the contract of Mr. Richard Tandy Marcum, Teaching Assistant in History, from "two-fifths time at a salary of \$1,200.00 for four and one-half months" to "one-fifth time at a salary of \$600.00 for four and one-half months," effective February 1, 1964, through June 15, 1964. (Budgeted salary \$1,200.00 for $4\frac{1}{2}$ months; p. 77.)

3078. Lapse the unencumbered balance in the amount of \$600.00 from the budgeted allocation for a Teaching Assistant in the Department of History and Anthropology. (Budgeted salary \$2,400.00 for 9 months; Mr. Richard Tandy Marcum; p. 77.)

3079. Lapse the sum of \$300.00 from the budgeted allocation for the Department of History and Anthropology Maintenance, Equipment and Travel Account. (Budgeted \$4,900.00 for 12 months; p. 77.)

Mathematics

3080. Accept the resignation of Mr. Joe Edgar Chance, Teaching Assistant in Mathematics at a salary of \$2,500.00 for nine months, effective at the close of the day, January 31, 1964. (Budgeted salary: \$1,500.00 for Fall and \$1,000.00 for Spring; p. 81.)

3081. Lapse the unencumbered balance in the amount of \$1,000.00 from the budgeted allocation for a Teaching Assistant in Mathematics. (Budgeted salary \$1,000.00 for the 1964 Spring Semester; Mr. Joe Edgar Chance; p. 81.)

Music

3082. Lapse the amount of \$1,000.00 from the budgeted allocation for Maintenance, Equipment and Travel for the Department of Music. (Budgeted \$27,600.00 for 12 months; p. 86.)

3083. Appropriate from the unappropriated balance the sum of \$2,000.00 to a new position "Technician (Part-time)" for the Department of Music.

Psychology

3084. Accept the resignation of Dr. Marvin Frankie Daley, Assistant Professor of Psychology, at a salary of \$7,600.00 for nine months, effective at the end of the 1963-64 academic year. (Budgeted salary \$7,600.00 for 9 months; p. 90.)

3085. Appropriate from the unappropriated balance the sum of \$1,650.00 to the Maintenance, Equipment and Travel Account in the Department of Psychology. This is to be used to purchase office furniture.

Sociology

3086. Appropriate from the unappropriated balance the sum of \$300.00 to the Department of Sociology Maintenance, Equipment and Travel Account. (Budgeted \$2,250.00 for 12 months; p. 92.)

3087. Approve an honorarium in the amount of \$190.00 to Dr. Richard O. Keslin, Assistant Professor of Anthropology, The University of Michigan, Ann Arbor, Michigan, for his services as consultant and guest lecturer for the Department of Sociology on January 6-7, 1964. This is to be paid from the Department of Sociology Maintenance, Equipment and Travel Account.

Speech

3088. Accept the resignation of Mrs. Joy Frances Norton, Secretary I (115) in the Department of Speech, at an annual salary of \$2,880.00, effective at the close of the day, December 12, 1963. (Budgeted salary \$2,880.00 for 12 months; p. 94.)

3089. Employ Mrs. Carol Ann Anderson as Secretary I (115) in the Department of Speech at an annual salary of \$2,880.00, effective December 13, 1963, through August 31, 1964, vice Mrs. Joy Frances Norton, resigned. (Budgeted salary \$2,880.00 for 12 months; p. 94.)

Office of the Dean of Arts and Sciences

3090. Record a name change from "Miss Carolyn Edwards" to "Mrs. Carolyn Edwards Moss," Secretary III in the Office of the Dean of Arts and Sciences. (Budgeted salary \$4,500.00 for 12 months; p. 95.)

Business Education and Secretarial Administration

3091. Accept the resignation of Mr. Oscar Cruz Robles, Teaching Assistant in the Department of Business Education and Secretarial Administration, at a salary of \$2,000.00 for nine months, effective at the close of the day, January 31, 1964. (Budgeted salary \$2,000.00 for 9 months; p. 100; Re: Item No. 2451, Board Minutes of November 1, 1963.)

3092. Employ Mrs. Nanette Swallow Chitwood as Secretary II in the Department of Business Administration and Secretarial Administration at an annual salary of \$3,180.00, effective December 2, 1963, through August 31, 1964, vice Mrs. Mary B. Reeves, resigned. (Budgeted salary \$3,360.00 for 12 months; p. 100.)

Economics

3093. Appoint Mr. Michael Roger Gleeson as a Teaching Assistant in the Department of Economics at a salary of \$1,000.00 for four and one-half months, effective February 1, 1964, through June 15, 1964. (Budgeted salary \$1,000.00 for 4½ months; p. 102.)

3094. Appoint Mr. Kenneth J. Wallace as a Teaching Assistant in the Department of Economics at a salary of \$1,000.00 for four and one-half months, effective February 1, 1964, through June 15, 1964. (This salary will be paid from lapsed funds; p. 102.)

Management

3095. Revise the contract of Mr. Donald Lee Renner, Office of the Dean of Admissions and Registrar, from "Assistant Dean of Admissions and Registrar at a salary of \$4,879.00 for seven months" to "Assistant Dean of Admissions and Registrar and Part-time Instructor in Management at a salary of \$5,429.00 for seven months," effective February 1, 1964, through August 31, 1964. This salary will be paid as follows: \$550.00 from teaching salaries from February 1, 1964, through June 15, 1964, and \$4,879.00 from the Office of the Dean of Admissions and Registrar from February 1, 1964, through August 31, 1964. (Budgeted salary \$4,879.00, Office of the Registrar; the teaching salary, \$550.00, will be paid from lapsed funds.)

3096. Appoint Mr. George Kennett Hobbs as a Part-time Instructor in the Department of Management at a salary of \$550.00 for four and one-half months, effective February 1, 1964, through June 15, 1964. This salary will be paid from lapsed funds; p. 105.

3097. Appoint Mr. Ralph Bennett McClure as a Teaching Assistant in the Department of Management, at a salary of \$1,000.00 for four and one-half months, effective February 1, 1964, through June 15, 1964. (Budgeted salary \$2,000.00 for 9 months; p. 106.)

3098. Lapse the unencumbered balance in the amount of \$1,000.00 from the budgeted allocation for a Teaching Assistant in the Department of Management. (Budgeted salary \$2,000.00 for 9 months; p. 106.)

Marketing

3099. Appoint Mr. Louis Gerald Wood as a Teaching Assistant in the Department of Marketing at a salary of \$1,000.00 for four and one-half months, effective February 1, 1964, through June 15, 1964. (Budgeted salary \$2,000.00 for 9 months; p. 108.)

3100. Lapse the unencumbered balance in the amount of \$1,000.00 from the budgeted allocation for a Teaching Assistant in Marketing. (Budgeted salary \$2,000.00 for 9 months; p. 108.)

Architecture and Allied Arts

3101. Lapse the unencumbered balance in the amount of \$4,800.00 budgeted for a Professor in the Department of Architecture and Allied Arts for the 1964 Spring Semester. (Budgeted salary \$4,800.00 for $4\frac{1}{2}$ months; p. 111.)

3102. Appoint Mr. Arthur Dudley Thompson as an Assistant Professor of Architecture and Allied Arts at a salary rate of \$7,400.00 for nine months, effective February 1, 1964, through June 15, 1964. This salary will be paid from lapsed funds; p. 112.

3103. Employ Mrs. Mary Rose Small as a Library Assistant II in the Department of Architecture and Allied Arts at an annual salary of \$3,540.00, effective January 1, 1964, through August 31, 1964. (Budgeted salary \$3,360.00 for 12 months; p. 113.)

3104. Lapse the unencumbered balance in the amount of \$1,000.00 from the budgeted allocation for Library Assistant II in the Department of Architecture and Allied Arts. (Budgeted salary \$3,360.00 for 12 months; Mrs. Small employed on January 1, 1964, at \$3,540.00; p. 113.)

Civil Engineering

3105. Accept the resignation of Mr. Henry Robert Hejl, Jr., Teaching Assistant in Civil Engineering, effective at the close of the day, January 31, 1964. (Budgeted salary \$2,000.00 for 9 months; p. 117.)

3106. Accept the resignation of Mr. Denis Dean Olsovsky, Teaching Assistant in Civil Engineering, at a salary of \$2,000.00 for nine months, effective at the close of the day, January 31, 1964. (Budgeted salary \$2,000.00 for 9 months; p. 117.)

Electrical Engineering

3107. Appoint Mr. Robert Duane Lemon as a Teaching Assistant in Electrical Engineering at a salary of \$1,000.00 for four and one-half months, effective February 1, 1964, through June 15, 1964. (Budgeted salary \$1,000.00 for $4\frac{1}{2}$ months; p. 119.)

Industrial Engineering and Engineering Drawing

3108. Approve an honorarium in the amount of \$130.00 to Mr. P. M. Ghare, Oklahoma State University, Stillwater, Oklahoma, for his services as a consultant and guest lecturer in the Department of Industrial Engineering and Engineering Drawing on January 16, 17 and 18, 1964. This is to be paid from the Department of Industrial Engineering and Engineering Drawing Maintenance, Equipment and Travel Account.

Art Education Workshop (Account No. 191-2510)

3109. Appropriate from the unappropriated balance the sum of \$355.00 to the Department of Applied Arts to finance the Art Education Workshop, Account No. 191-2510. This is to be distributed to (1) Student Assistants and/or Part-time Help, \$100.00; and (2) Maintenance, Equipment and Travel, \$255.00. (Summer School Budget, page 98.)

Hospital Food Service Workers Workshop (Account No. 191-2530)

3110. Appropriate from the unappropriated balance the sum of \$250.00 to the Department of Food and Nutrition to finance the Hospital Food Service Workers Workshop, Account No. 191-2530. This is to be distributed to (1) Student Assistants and/or Part-time Help, \$30.00; and (2) Maintenance, Equipment and Travel, \$220.00. (Summer School Budget, page 99.)

1964 School Lunch Workshop (Account No. 191-2560)

3111. Appropriate from the unappropriated balance the sum of \$3,780.00 to the 1964 School Lunch Workshop, Department of Food and Nutrition. The budget for this workshop has been included in the Summer School Budget, pages 100-101.

FHA Officers' Leadership Workshop, (Account No. 191-2540)

3112. Appropriate the amount of \$917.00 to the Department of Home Economics Education Maintenance, Equipment and Travel Account to be used for the FHA Officers' Leadership Workshop, Account No. 191-2540. (Summer School Budget, page 102.)

Home and Family Life

3113. Appropriate from the unappropriated balance the sum of \$1,000.00 to the Department of Home and Family Life Maintenance, Equipment and Travel Account. This will be used to pay an honorarium to Dr. Elmer M. Knowles, special consultant for the Department of Home and Family Life.

3114. Approve an honorarium in the amount of \$1,000.00 to Dr. Elmer M. Knowles, Coordinator of the Human Development Laboratories in the College of Family Living, Brigham Young University, Provo, Utah, for his services as a special consultant in the Department of Home and Family Life for the period July 20, 1964, through August 8, 1964. This is to be paid from the Department of Home and Family Life Maintenance, Equipment and Travel Account.

Office of the Dean of the Graduate School

3115. Appoint Dr. Roger Leon Brooks as Associate Professor of English (one-half time) and Associate Dean of the Graduate School (one-half time) at an annual salary of \$12,000.00, effective February 1, 1964, through August 31, 1964. (Budgeted salary: English \$4,550.00 for $4\frac{1}{2}$ months; the Graduate School \$3,600.00 for Assistant Dean for 12 months.)

3116. Lapse the unencumbered balance in the amount of \$100.00 from the budgeted allocation for Assistant Dean in the Graduate School. (Budgeted \$3,600.00 for 12 months; p. 143.)

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1964 Summer School

Agronomy and Range Management

3117. Appoint Dr. Thadis Wayne Box as a Professor in the Department of Agronomy and Range Management at a salary of \$1,200.00 for the period July 16, 1964, through August 31, 1964. This salary will be paid \$800.00 from Agronomy ($\frac{1}{2}$ time) (1964 Summer Budget) and \$400.00 from the Texas Technological College Research Farm ($\frac{1}{4}$ time; Budgeted salary; p. 288.)

Geosciences

3118. Approve the Geology Field School for the 1964 Summer School from June 2, 1964, through July 13, 1964. Geology 363 will be offered at Salida, Colorado. This trip is contingent upon enrollment.

3119. Approve a charge of \$225.00 per student, per term, for all resident students registering for the Geology Field School, Course 363, for the 1964 Summer School. The charges are itemized below:

Tuition (Resident Students) -----	\$ 25.00(a)
Room and Board -----	125.00
Course Fee -----	40.00
Transportation -----	35.00
Total -----	<u>\$225.00</u>

(a) All non-resident students will pay the regular non-resident tuition.

3120. Waive the Student Service Fee, the Student Union Fee and the General Property Deposit for all students registering for Geology 363 for the 1964 Summer School. This applies to the Geology Field School students going to Salida, Colorado, only.

History and Anthropology

3121. Delete the name of Dr. Merton Lynn Dillon, Professor of History, at a salary of \$1,583.00 for six weeks from the 1964 Summer School Budget for the Department of History and Anthropology. (Budgeted salary \$1,583.00 for 6 weeks; p. 36.)

3122. Lapse the budgeted allocation in the amount of \$1,583.00 for Professor of History for the second term of the 1964 Summer School. (Budgeted salary \$1,583.00 for 6 weeks; p. 36.)

3123. Delete the name of Dr. Van Mitchell Smith, Associate Professor of History, at a salary of \$1,500.00 for six weeks from the 1964 Summer School Budget for the Department of History and Anthropology. (Budgeted salary \$1,500.00 for 6 weeks; p. 36.)

3124. Lapse the budgeted allocation in the amount of \$1,500.00 for Associate Professor of History. (Budgeted salary \$1,500.00 for six weeks; p. 36.)

3125. Appoint Dr. Odie B. Faulk as a Visiting Assistant Professor of History at a salary of \$1,200.00 for six weeks, effective July 13, 1964, through August 22, 1964. This salary will be paid from lapsed funds; p. 36.

Electrical Engineering

3126. Appoint Mr. Charles Ernest Houston as Professor of Electrical Engineering at a salary of \$1,684.00 for six weeks, effective July 13, 1964, through August 22, 1964. This salary will be paid from lapsed funds; p. 58.

3127. Appoint Mr. Tom Basil Stenis as an Associate Professor of Electrical Engineering, at a salary of \$1,134.00 for six weeks, effective June 2, 1964, through July 12, 1964. This salary will be paid from lapsed funds; p. 58.

3128. Delete the name of Dr. Cecil Roberts Coale, Jr., Assistant Professor of Electrical Engineering (one-half time), at a salary of \$1,666.00 for approximately twelve weeks, from the 1964 Summer School Budget for the Department of Electrical Engineering. (Budgeted salary \$1,666.00 for 3 months; p. 58.)

3129. Lapse the budgeted allocation in the amount of \$1,666.00 for an Assistant Professor of Electrical Engineering (one-half time) from the 1964 Summer School Budget. (Budgeted salary \$1,666.00 for 3 months; p. 58.)

3130. Revise the contract of Mr. Alonzo Franklin Adkins, Instructor in Electrical Engineering, from "full-time teaching at a salary of \$2,100.00 for approximately twelve weeks" to "one-half time teaching at a salary of \$1,050.00 for approximately twelve weeks," effective June 2, 1964, through August 22, 1964. (Budgeted salary \$2,100.00 for the 1964 Summer School; p. 58; Mr. Adkins will be issued a separate contract for $\frac{1}{2}$ time Research, Account No. 191-5403.)

3131. Lapse the amount of \$1,050.00 from the budgeted allocation for Instructor in Electrical Engineering. (Budgeted \$2,100.00 for the 1964 Summer School; Mr. Alonzo Franklin Adkins, Contract revised; p. 58.)

Summer Institute for High School Teachers of Biology (Account No. 391-1238)

3132. Accept a grant (GE-3271) in the amount of \$86,400.00 from The National Science Foundation, Washington 25, D. C., for the support of a "Summer Institute in Biology for Secondary School Teachers of Biology and General Science" for the 1964 Summer School. A copy of a letter from Dr. John T. Wilson, Deputy Director of the National Science Foundation, to Dr. R. C. Goodwin, President, under date of December 2, 1963, is attached and made a part of the Minutes. The budget will be included with the 1964 Summer School Budget. Attachment No. 19.

Foreign Languages (Field School in Tucuman, Argentina /Account No. 391-12527)

3133. Approve a Summer Field School for Teachers of Spanish in Tucuman, Argentina, for a period, June 20, 1964, through August 14, 1964. The field school is being financed from grant funds. (See Summer School Budget, pages 77-79.)

3134. Waive the Student Service Fee, the Student Union Fee, and the General Property Deposit for all students registering for the Summer Field School for Teachers of Spanish in Tucuman, Argentina.

3135. Authorize the President, the Vice President for Business Affairs, and the Comptroller and/or Business Manager to do whatever is necessary to provide the Director of the Summer Field School in Tucuman, Argentina, with the necessary funds and authorization for approving the necessary disbursements in Tucuman, Argentina, for the conduct of the 1964 Summer Field School. The Director will be expected to provide the Comptroller's Office with such records, receipts, and certifications as requested by the College authorities.

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1964-1965 Budget

Chemistry

3136. Appoint Mr. Gary Zane Carl as a Teaching Assistant in the Department of Chemistry at a salary of \$2,000.00 for nine months, effective September 16, 1964, through June 15, 1965. (1964-65 Budget)

English

3137. Grant Mrs. Dahlia Jewell Terrell, Instructor in English, a leave of absence without pay for the 1964-65 academic year. Mrs. Terrell will continue graduate study toward a Ph.D. degree at The University of Texas.

Foreign Languages

3138. Appoint Miss Antoinette Marie Tejeda as a Teaching Assistant in the Department of Foreign Languages at a salary of \$2,000.00 for nine months, effective September 16, 1964, through June 15, 1965. (1964-65 Budget)

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1963-1964 Budget

Air Flight Training (Air Force ROTC)

3139. Approve Modification No. 2 to Contract No. AF 01(611)-1292, with the United States Government, Air Force Contracting Officer, Air Force ROTC (AU), Building 500, Maxwell AFB, Alabama, effective December 12, 1963. The above numbered contract is modified as follows:

SPECIAL CONDITIONS

Pursuant to the "changes" clause of the above-numbered contract, the following changes are made therein.

The above-numbered contract is modified to reflect the following changes, per Part IV (b) of the Contract Schedule:

1. By changing the total number of students specified in Part I (a) of the Contract Schedule from 20 to 17.
2. By changing the total number of solo hours specified in Part IV (a) of the Contract Schedule from 330.00 to 264.00.
3. By changing the total number of dual hours specified in Part IV (a) of the Contract Schedule from 400.00 to 331.35.
4. By changing the total amount of the Contract shown on Page 1 from \$9,073.50 to \$7,461.18.

Memorandum of Understanding

3140. Incorporate in the Minutes for record purposes a Memorandum of Understanding between Texas Technological College and the United States Department of Agriculture, Cooperative State Research Service, Washington, D. C., 20250, relating to the temporary employment of Dr. Gerald W. Thomas, Dean of the School of Agriculture. A copy of the memorandum is attached and made a part of the Minutes. Attachment No. 17. (Re: Item No. 178, Board Minutes of December 7, 1963.)

Texas Commission on Higher Education

3141. Incorporate in the Minutes for record purposes the following excerpt from a letter dated January 14, 1964, from Dr. J. Stewart Allen, Program Examiner, Texas Commission on Higher Education:

"The Texas Commission on Higher Education took the following action pursuant to a request submitted by Texas Technological College:
"Approved an undergraduate program leading to the degree Bachelor of Science in Medical Technology."

Animal Husbandry Herds and Flocks

3142. Accept the resignation of Mr. Leonard William Venhaus, Part-time Student Herdsman in Animal Husbandry Herds and Flocks, at an annual salary of \$2,000.00 plus house and utilities, effective at the close of the day, January 18, 1964. (Budgeted salary \$2,000.00 plus house and utilities valued at \$360.00 for 12 months; p. 160.)

3143. Approve the sale of five (5) Anxiety 4th Hereford cows to Vanderpool Hereford Farm, Tyler, Texas, on December 27, 1963, for a net price of \$1,800.00:

Herd No. 666R	Bonny Lucy 44	7900369
Herd No. 3302	Daisette 39	9222658
Herd No. TTC 010	TTC Miss Mischief	11572827
Herd No. TTC 030	TTC Miss Gondola	11406573
Herd No. TTC 902	TTC Gwendoline	10787012

The net proceeds from this sale, in the amount of \$1,800.00, have been deposited in the Animal Husbandry Herds and Flocks Account No. 185-1040.

Park Administration, Horticulture and Entomology (Greenhouse)

3144. Appropriate from the unappropriated balance the sum of \$400.00 to the Miscellaneous Labor Account in the Greenhouse. (Park Administration, Horticulture and Entomology; p. 157.)

College Library

3145. Record the contract dates for the following professional staff in the College Library for the period June 1, 1964, through July 16, 1964, and lapse the unencumbered balances as indicated below:

<u>Title and Name</u>	<u>Budgeted</u> <u>10½ Months</u>	<u>Actual</u> <u>9 Months</u>	<u>Contract</u> <u>1½ Months</u>	<u>To Be</u> <u>Lapsed</u>
Assistant Catalog Librarian				
Pauline Dawn Pitts	\$ 5,404.00	\$ 4,632.00	\$ 772.00	\$ -0-
Mrs. Susanne Sandborn Goddard	5,544.00	4,597.69	792.00	154.31
Assistant Order Librarian				
Charles Finley Huey	5,544.00	4,752.00	792.00	-0-
Documents Librarian				
Ferrelline Tucker	6,510.00	5,580.00	930.00	-0-
Periodicals Librarian				
Mrs. Kathryn A. Lewis	6,510.00	5,580.00	930.00	-0-
Associate Reference Librarian				
Mrs. Dolores Mary Maxwell	5,404.00	4,597.69	772.00	34.31

3146. Record the contract dates for the following professional staff in the College Library for the period July 17, 1964, through August 31, 1964, and lapse the unencumbered balances as indicated below:

<u>Title and Name</u>	<u>Budgeted</u> <u>10½ Months</u>	<u>Actual</u> <u>9 Months</u>	<u>Contract</u> <u>1½ Months</u>	<u>To Be</u> <u>Lapsed</u>
Reference Librarian				
Mary Frances Gordon	\$ 6,510.00	\$ 5,538.67	\$ 930.00	\$ 41.33
Associate Reference Librarian				
Mrs. Mary Snyder McCrary	5,404.00	4,460.45	772.00	171.55
Catalog Librarian				
Zona Maxine Edwards	6,510.00	5,580.00	930.00	-0-
Assistant Catalog Librarian				
Virginia Lee Greenhill	5,404.00	4,632.00	772.00	-0-

3146. (Continued)

<u>Title and Name</u>	<u>Budgeted 10½ Months</u>	<u>Actual 9 Months</u>	<u>Contract 1½ Months</u>	<u>To Be Lapsed</u>
Order Librarian				
Mrs. Leona H. Rasor	\$ 6,510.00	\$ 5,580.00	\$ 930.00	\$ -0-
Assistant Documents Librarian				
Mrs. Jo Ann Ayers Rowell	5,264.00	4,512.00	752.00	-0-
Assistant Periodicals Librarian				
Mrs. Cora Fox Niell	5,264.00	4,512.00	752.00	-0-

3147. Grant Mrs. Jo Ann Ayers Rowell, Assistant Documents Librarian in the College Library at a salary of \$4,512.00 for nine months, a leave of absence without pay for the period, January 1, 1964 (8 a.m.), through May 31, 1964. (Budgeted salary \$5,264.00 for 10½ months; p. 166.)

3148. Appoint Miss Thomas Saunders Whiteley as Assistant Documents Librarian in the College Library at a salary of \$4,512.00 for nine months, effective January 2, 1964, through May 31, 1964, vice Mrs. Jo Ann Ayers Rowell, on leave without pay. (Budgeted salary \$5,264.00 for 10½ months; p. 166.)

3149. Lapse the unencumbered balance in the amount of \$16.19 from the budgeted allocation for Assistant Documents Librarian. (Budgeted salary \$5,264.00 for 10½ months; Mrs. Jo Ann Ayers Rowell on leave without pay; p. 166.)

3150. Accept the resignation of Mrs. Mary Rose Small, Library Assistant II (131) in the College Library, at an annual salary of \$3,540.00, effective at the close of the day, December 31, 1963. Mrs. Small will be employed by the Department of Architecture and Allied Arts. (Budgeted salary \$3,540.00 for 12 months; p. 167.)

3151. Employ Mr. Justin O'Hara Faherty as a Library Assistant II in the College Library at an annual salary of \$3,540.00, effective January 6, 1964, through August 31, 1964, vice Mrs. Mary Rose Small, transferred to the Department of Architecture and Allied Arts. (Budgeted salary \$3,540.00 for 12 months; p. 167.)

3152. Grant Mrs. Mary Emma Winegar, Library Assistant I in the College Library, a leave of absence without pay from January 2, 1964 (8 a.m.), through January 31, 1964. (Budgeted salary \$3,360.00 for 12 months; p. 167.)

3153. Lapse the unencumbered balance in the amount of \$270.97 from the budgeted allocation for Library Assistant I in the College Library. (Budgeted salary \$3,360.00 for 12 months; p. 167; Mrs. Mary Emma Winegar on leave without pay for 15 days.)

3154. Accept the resignation of Mrs. Julianne Pearl Chosson Chappell, Clerk-Typist I in the College Library, at an annual salary of \$2,760.00, effective at the close of the day, January 31, 1964. (Budgeted salary \$2,760.00 for 12 months; Re: Item No. 2558, Board Minutes of November 1, 1963; p. 167.)

3155. Accept the resignation of Mrs. Valerie Jongbleet Dietz, Clerk-Typist I in the College Library, at an annual salary of \$2,560.00, effective at the close of the day, December 20, 1963. (Original budgeted salary \$2,760.00 for 12 months; p. 167.)

3156. Lapse the unencumbered balance in the amount of \$89.03 from the budgeted allocation for Clerk-Typist I in the College Library. (Budgeted salary \$2,760.00; originally budgeted for Mrs. Joan L. McCoy, resigned; p. 167.)

3157. Accept the resignation of Mrs. Betty Montene McDonald, Clerk-Typist I (108) in the College Library, at an annual salary of \$2,880.00, effective at the close of the day, December 31, 1963. (Budgeted salary \$2,880.00 for 12 months; p. 167.)

3158. Employ Mrs. Mary Sue Davis Dashtizadeh as a Clerk-Typist I (108) in the College Library at an annual salary of \$2,760.00, effective January 2, 1964, through August 31, 1964, vice Mrs. Valerie Jongbleet Dietz, resigned. (Budgeted salary \$2,760.00 for 12 months; p. 167.)

3159. Employ Mrs. Ruth Eleanor Reynolds Wallack as a Clerk-Typist I in the College Library at an annual salary of \$2,760.00, effective January 8, 1964, through August 31, 1964, vice Mrs. Betty M. McDonald, resigned. (Budgeted salary \$2,880.00 for 12 months; p. 167.)

Southwest Collection

3160. Appropriate from the unappropriated balance the sum of \$600.00 to the Student Assistants and/or Part-time Help Account in the Southwest Collection. This amount has been lapsed from the budgeted allocation for Associate Archivist. (Budgeted for Student Assistants \$500.00 for 12 months; p. 169.)

Extension

3161. Accept the resignation of Mrs. Geneva Dot Yates, Secretary III in the Division of Extension, at an annual salary of \$3,900.00, effective at the close of the day, January 31, 1964. (Budgeted salary \$3,900.00 for 12 months; p. 172.)

3162. Grant Mrs. Bessie Mae Craggs, Clerk-Typist I in the Division of Extension, a leave of absence without pay, effective December 10, 1963, through December 31, 1963. (Budgeted salary \$3,000.00 for 12 months; p. 172.)

3163. Lapse the unencumbered balance in the amount of \$177.42 from the budgeted allocation for Clerk-Typist I in the Division of Extension. (Budgeted salary \$3,000.00 for 12 months; p. 172; Mrs. Bessie Mae Craggs, on leave without pay from December 10, 1963 (8 a.m.), through December 31, 1963.)

Grounds Maintenance (Administration)

3164. Accept the resignation of Mr. James Francis Fisher, Grounds Supervisor in Grounds Maintenance (Administration), at an annual salary of \$5,460.00, effective at the close of the day, January 15, 1964. (Budgeted salary \$5,460.00 for 12 months; p. 180.)

3165. Employ Mr. Kenneth Rex Burrow as Grounds Maintenance Supervisor, Grounds Maintenance (Administration), at an annual salary of \$4,740.00, effective January 24, 1964, through August 31, 1964, vice Mr. James F. Fisher, resigned. (Budgeted salary \$5,460.00 for 12 months; p. 180.)

3166. Lapse the unencumbered balance in the amount of \$552.90 from the budgeted allocation for Grounds Supervisor, Grounds Maintenance (Administration). (Budgeted salary \$5,460.00 for 12 months; p. 180.)

General Services--Central Warehouse and Receiving

3167. Terminate the contract of Mr. Aaron Monroe Sanders, Assistant Central Stores and Property Manager, General Services--Central Warehouse and Receiving, at an annual salary of \$6,060.00, effective at the close of the day, January 18, 1964. (Budgeted salary \$6,060.00 for 12 months; p. 185.)

3168. Revise the contract of Mr. Larry Noble Marks from "Property Inventory Supervisor at an annual salary of \$5,760.00" to "Property Inventory Supervisor (one-half time) at an annual salary of \$3,030.00 and Acting Assistant Central Stores and Property Manager (one-half time) at an annual salary of \$3,030.00," effective February 1, 1964, through August 31, 1964. Budgeted salary \$5,760.00 for 12 months, Office of Comptroller, and \$6,060.00 for 12 months, General Services, Central Warehouse and Receiving; p. 7 and p. 185.)

3169. Lapse the unencumbered balance in the amount of \$1,979.27 from the budgeted allocation for Assistant Central Stores and Property Manager. (Budgeted salary \$6,060.00 for 12 months; p. 185.)

3170. Revise the contract of Mr. R. D. Patterson, General Services--Central Warehouse and Receiving, from "Storekeeper at an annual salary of \$4,260.00" to a new position, "Warehouse Foreman at an annual salary of \$4,500.00," effective February 1, 1964, through August 31, 1964. This salary will be paid from lapsed funds.

3171. Revise the contract of Mr. Odie Ray Williams, General Services--Central Warehouse and Receiving, from "Delivery Man at an annual salary of \$3,000.00" to "Storekeeper at an annual salary of \$3,360.00," effective February 1, 1964, through August 31, 1964. (Budgeted salary \$4,260.00 for 12 months; p. 185.)

3172. Lapse the unencumbered balance in the amount of \$525.00 from the budgeted allocation for Storekeeper in General Services--Central Warehouse and Receiving. (Budgeted salary \$4,260.00 for 12 months; p. 185.)

3173. Revise the contract of Mr. Clarence E. Russell, Receiving and Shipping Clerk in General Services--Central Warehouse and Receiving, from "an annual salary of \$3,720.00" to "an annual salary of \$3,900.00" effective March 1, 1964, through August 31, 1964. (Budgeted salary \$4,080.00 for 12 months; p. 185.)

3174. Lapse the unencumbered balance in the amount of \$255.00 from the budgeted allocation for Receiving and Shipping Clerk in General Services--Central Warehouse and Receiving. (Budgeted salary \$4,080.00 for 12 months; p. 185.)

General Services--Campus Security Service

3175. Accept the resignation of Mr. Wendell E. McClendon, Radio Operator in General Services--Campus Security Service, at an annual salary of \$1,800.00, effective at the close of the day, January 22, 1964. (Budgeted salary \$1,800.00 for 12 months; p. 189.)

Building Maintenance (Operation and Maintenance)

3176. Employ Mr. J. T. Bice as a Maintenance and Repairman II in Building Maintenance (Operation and Maintenance) at an annual salary of \$4,080.00, effective January 8, 1964, through August 31, 1964. (Budgeted salary \$4,080.00 for 12 months; p. 192.)

3177. Lapse the unencumbered balance in the amount of \$1,436.78 from the budgeted allocation for a Maintenance and Repairman II in Building Maintenance (Operation and Maintenance). (Budgeted salary \$4,080.00 for 12 months; p. 192; Mr. J. T. Bice.)

Building Maintenance and Utilities (Other Utilities Expenses)

3178. Terminate the contract of Mr. Edwin Lee Eubank, Journeyman's Helper in Building Maintenance and Utilities (Other Utilities Expenses), at an annual salary of \$3,000.00, effective at the close of the day, January 9, 1964. (Budgeted salary \$3,000.00 for 12 months; p. 195.)

3179. Employ Mr. John Thomas Penrod as Journeyman's Helper in Building Maintenance and Utilities (Other Utilities Expenses) at an annual salary of \$3,000.00, effective January 20, 1964, through August 31, 1964, vice Mr. Edwin Lee Eubank, resigned. (Budgeted salary \$3,180.00 for 12 months; p. 195.)

Dormitory and Dining Facilities, HHFA Project No. CH-Tex-150(D), Units A, B, C

3180. Approve an extra to the contract with H. A. Lott, Inc., in the amount of \$120.00 each for Units A, B, and C, a total amount of \$360.00, to install a pressure release valve over each of the cold storage doors.

Dormitory with Dining Facilities, HHFA Project No. CH-Tex-150(D), Unit B

3181. Approve the following change orders to the contract with H. A. Lott, Inc., for the new dormitory with dining facilities for women, designated as HHFA Project No. CH-Tex-150(D), Unit B:

1. "Change the amount for the addition of two drinking fountains on a four-foot wide piece of Type A marble, extending to ceiling height, from \$894.29 to \$836.73.
2. "Approve an extra in the amount of \$5,310.19 to furnish labor and material required for additional control items to provide room temperature readings of a typical room in each zone, as set out in the letter of October 26, 1963, by the Associated Architects and Engineers.
3. "Approve an extra in the amount of \$457.44 to furnish labor and materials necessary to substitute the Honeywell T7001A thermostat for the T7018E specified and to change 180 return air grilles to the removable floor type in lieu of the fixed floor type specified.
4. "Approve an extra in the amount of \$1,221.61 to make changes in the kitchen and scullery rooms as requested in the letters of October 29, 1963, and December 3, 1963, from Mr. Barrick's office."

Dormitory with Dining Facilities, HHFA Project No. CH-Tex-150(D), Unit C
 3182. Approve changes in the contract with H. A. Lott, Inc., for the new men's dormitory:

1. "Accept a credit in the amount of \$780.10 to change the bedroom lavatories from vitreous china to cast iron.
2. "An extra in the amount of \$2,510.42 for revisions in the snack bar area, which include a booster water heater to provide for a dishwasher, the extension of steam lines, additional duct work and electrical work to accommodate additional equipment, etc.
3. "A credit in the amount of \$310 to relocate the thermostats above the return air grille.
4. "An extra in the amount of \$689.17 for the addition of two drinking fountains in the lobby.
5. "The addition of \$100 to provide pressure release valves in the cold storage vaults (this is a revision of a former docket item in the amount of \$210).
6. "An extra in the amount of \$154.62 to change the rough-in in the main kitchen area in order to improve the coffee service."

New Residence Halls, HHFA Project No. CH-Tex-150(D), Units B & C

3183. Approve an extra in the amount of \$213.93 to the contract with the Anthony Company of Lubbock, for the utility extensions to Units B and C of the new residence halls to furnish and install the necessary pipes and fittings to alter routing of 8" cast iron water pipe so as to provide working room between the pipe and cooling tower at Men's Dormitory and Dining Facilities, Unit C.

Speech Building

3184. Approve the following change orders to the contract with H. A. Lott, Inc., for the construction of the Speech Building:

1. "An extra in the amount of \$181 to delete 48 feet of No. 20014 cyclorama batten strip and 20 Hub No. 8361 floodlights and furnish 56 feet of Hub No. 21235 cyclorama border lights.
2. "An extra in the amount of \$138.24 for additions and alterations to sound equipment as requested in the architect's letter of November 25, 1963.
3. "An extra in the amount of \$42.35 to install key-type switch located adjacent to the door between side foyer No. 2 and main foyer to operate panic contactor on house lights."

Psychology Building Fund

3185. Appropriate from the unappropriated building funds the sum of \$321.42 to the Psychology Building Fund in order that the required fire extinguishers may be purchased.

Speech Building Fund

3186. Approve a transfer of \$416.00 from the unappropriated building funds to the Speech Building Fund in order that the required number of fire extinguishers may be purchased.

Sale of Equipment

3187. Approve the sale of one only IBM Model 552 Interpreter; Inventory No. 77650; Inventory Carrying Value \$1,250.00; date acquired July, 1961; condition at acquisition secondhand; to the L. A. Pearl Company, 801 Second Avenue, New York, for the sum of \$250.00.

Organized Research (Account No. 191-4103)

3188. Revise the contract of Dr. Robert Godfrey Welch, Department of Agricultural Economics and Principal Investigator on the Organized Research Project "The Competitive Marketing Structure for Vegetables Produced on the High Plains of Texas" from "June 1, 1964, through July 16, 1964" to "July 16, 1964, through August 31, 1964," with no change in salary. (Budgeted salary \$1,417.00; Account No. 191-4103; Dr. Robert Godfrey Welch, Principal Investigator.)

Organized Research (Account No. 191-4109)

3189. Revise the contract of Dr. Thadis Wayne Box, Principal Investigator on the Organized Research Project "Ecological Studies of the Rangelands of West Texas," from "a salary of \$1,467.00" to "a salary of \$1,600.00 for the period June 1, 1964, through July 15, 1964." (Budgeted salary \$1,467.00 for 1½ months; the additional funds in the amount of \$133.00 required for this contract will be paid from lapsed funds; Account No. 191-4109; p. 209.)

Organized Research (Account No. 191-4116)

3190. Employ Miss Yean-ping Fan as a Research Assistant on the Organized Research Project "Breeding and Evaluation of Garden Chrysanthemums for the Southwest" at a salary rate of \$200.00 per month, effective January 2, 1964, through August 31, 1964. (Budgeted salary \$2,400.00 for 12 months; Account No. 191-4116; Principal Investigator, Mr. Edward W. Zukauckas, Jr.; p. 216.)

3191. Lapse the unencumbered balance in the amount of \$806.45 from the budgeted allocation for a Research Assistant on the Organized Research Project "Breeding and Evaluation of Garden Chrysanthemums for the Southwest." (Budgeted salary \$2,400.00 for 12 months; Account No. 191-4116; Principal Investigator, Mr. Edward W. Zukauckas, Jr.; p. 216.)

3192. Appropriate from the unappropriated balance (Organized Research) the sum of \$100.00 to the Maintenance, Equipment and Travel Account for the Organized Research Project "Breeding and Evaluation of Garden Chrysanthemums for the Southwest." This will be used to pay the expenses of the Research Assistant to collect information from some of the research projects in California. (Account No. 191-4116; Mr. Edward W. Zukauckas, Jr., Principal Investigator.)

Organized Research (Account No. 191-4713)

3193. Revise the contract of Dr. Robert Lewis Packard, Principal Investigator on the Organized Research Project "Speciation and Taxonomy of the High Plains Pocket Mice, *Perognathus Flavus* and *Perognathus Merriami*," from "June 1, 1964, through July 15, 1964" to "July 16, 1964, through August 31, 1964." (Budgeted salary \$1,333.00 for 1½ months; Account No. 191-4713; Principal Investigator, Dr. Robert Lewis Packard.)

Organized Research (Account No. 191-4716)

3194. Lapse the sum of \$1,000.00 from the budgeted allocation for a Research Assistant on the Organized Research Project "Steric Effects in Nuclear Magnetic Resonance Spectroscopy." (Organized Research Account No. 191-4716; Dr. Harry G. Hecht, Principal Investigator.)

Organized Research (Account No. 191-4717)

3195. Approve a transfer in the amount of \$1,250.00 from the budgeted allocation for Research Assistant on the Organized Research Project "The Formation of Ketoalkylbenzotriazolyl-Oxides" to Student Assistants and/or Part-time Help. (Budgeted salary \$2,600.00 for 12 months; Account No. 191-4717; Dr. Henry J. Shine, Principal Investigator; p. 222.)

Organized Research (Account No. 191-4310)

3196. Terminate the contract of Dr. Roger L. Brooks, Principal Investigator on the Organized Research Project "The Influences Upon and Sources of Matthew Arnold's Poetry," at a salary of \$1,517.00 for approximately one and one-half months, effective at the beginning of the day, July 16, 1964. (Budgeted salary \$1,517.00 for 1½ months; p. 224; Account No. 191-4310; Dr. Roger L. Brooks, Principal Investigator.)

3197. Lapse the budgeted allocation in the amount of \$1,517.00 for the Organized Research Project "The Influences Upon and Sources of Matthew Arnold's Poetry." (Budgeted salary \$1,517.00 for 1½ months; p. 224; Account No. 191-4310; Dr. Roger L. Brooks, Principal Investigator.)

Organized Research (Account No. 191-4718)

3198. Revise the contract of Dr. Alonzo David Jacka, Principal Investigator on the Organized Research Project "An Investigation of the Primary Features in the Huelster and Seven Springs Formations, Davis Mountains, Texas," from "July 16, 1964, to August 31, 1964" to "June 1, 1964, through July 15, 1964," with no change in salary. (Budgeted salary \$1,317.00 for 1½ months; Principal Investigator, Dr. Alonzo David Jacka; Account No. 191-4718; p. 229.)

Organized Research (Account No. 191-4315)

3199. Revise the contract of Dr. William Eugene Oden, Principal Investigator on the Organized Research Project "Problems in Representation; the Problems of Constituency Making in Functional Representation," at a salary of \$1,516.00 for approximately one and one-half months to read "June 1, 1964, through July 15, 1964" instead of "July 16, 1964, through August 31, 1964." (Budgeted salary \$1,516.00 for approximately 1½ months; Principal Investigator, Dr. William Eugene Oden; Account No. 191-4315.)

Organized Research (Account No. 191-4316)

3200. Revise the contract of Dr. George Stiegler Robbert, Principal Investigator on the Organized Research Project "The Historiography of Matthaues Flacius Illyrius," from "June 1, 1964, through July 15, 1964" to "July 16, 1964, through August 31, 1964" with no change in salary. (Budgeted salary \$1,217.00 for 1½ months; Account No. 191-4316; Principal Investigator, Dr. George Stiegler Robbert, p. 231.)

Organized Research (Account No. 191-4719)

3201. Lapse the amount of \$500.00 from the budgeted allocation for a Research Assistant on the Organized Research Project "Electron Paramagnetic Resonance in Metals." (Organized Research Account No. 191-4719; Dr. Richard Emerson Berry, Principal Investigator.)

Organized Research (Account No. 191-4720)

3202. Employ Mr. David Webster Watkins as a Research Assistant on the Organized Research Project "Structure and Decay of Hyperonic Nuclei" at an annual salary of \$2,600.00, effective January 27, 1964, through August 31, 1964. (Budgeted salary \$2,600.00 for 12 months; Account No. 191-4720; Dr. Clarence G. Gardner, Principal Investigator; p. 234.)

3203. Lapse the unencumbered balance in the amount of \$1,048.38 from the budgeted allocation for a Research Assistant on the Organized Research Project "Structure and Decay of Hyperonic Nuclei." (Budgeted salary \$2,600.00 for 12 months; Account No. 191-4720; Dr. Clarence G. Gardner, Principal Investigator; p. 234.)

Organized Research (Account No. 191-4721)

3204. Lapse the amount of \$500.00 from the budgeted allocation for a Research Assistant on the Organized Research Project "Research Studies in the Physics of the Solid State." (Organized Research Account No. 191-4721; Dr. Billy Joe Sandlin, Principal Investigator.)

Organized Research (Account No. 190-4300)

3205. Approve a transfer in the amount of \$50.00 from Organized Research Account No. 191-4300 to Organized Research Account No. 190-4300. This is to be used to pay Part-time Help on the Organized Research Project. (Account No. 191-4300; Mr. Roy Sylvan Dunn, Principal Investigator.)

Organized Research (Account No. 191-5108)

3206. Revise the contract of Mr. Charles Edwin Dale, Research Associate on the Organized Research Project "Labor Unions Under Texas Law," from "July 16, 1964, to August 31, 1964" to "June 1, 1964, through July 15, 1964," with no change in salary. (Budgeted salary \$1,567.00 for 1½ months; Account No. 191-5108; Principal Investigator, Mr. Charles Edwin Dale; p. 247.)

Organized Research (Account No. 191-5402)

3207. Terminate the contract of Dr. Keith Marmion as Principal Investigator on the Organized Research Project "A Study of the Development of Plastic Hinges in Some Cross-Sections for the Application of Limit Design Methods to Reinforced Concrete Frames," at a salary of \$1,850.00 for approximately one and one-half months. (Budgeted salary \$1,850.00 for 1½ months; p. 251.)

3208. Appoint Mr. Cliff Hutchinson Keho as the Principal Investigator (one-half time) on the Organized Research Project "A Study of the Development of Plastic Hinges in Some Cross-Sections for the Application of Limit Design Methods to Reinforced Concrete Frames," at a salary of \$1,516.00 for three months, effective June 1, 1964, through August 31, 1964, vice Dr. Keith Marmion, contract terminated. (Budgeted salary \$1,850.00 for 1½ months; p. 251.)

3209. Lapse the unencumbered balance in the amount of \$334.00 from the budgeted allocation for Principal Investigator on the Organized Research Project "A Study of the Development of Plastic Hinges in Some Cross-Sections for the Application of Limit Design Methods to Reinforced Concrete Frames." (Budgeted salary \$1,850.00 for 1½ months; Account No. 191-5402; p. 251.)

Organized Research (Account No. 191-5403)

3210. Appoint Mr. Alonzo Franklin Adkins as a Research Associate (one-half time) on the Organized Research Project "Investigations in Solid State Electronics" at a salary of \$1,050.00 for three months, effective June 1, 1964, through August 31, 1964. This salary will be paid from lapsed funds. (Organized Research Account No. 191-5403; p. 252.)

3211. Employ Mr. Chander Bhan Chaudhry as a Research Assistant on the Organized Research Project "Investigations in Solid State Electronics" at a salary of \$1,000.00 for four and one-half months, effective February 1, 1964, through June 15, 1964, vice Mr. Wendell Spence, contract expired. (Budgeted salary \$2,666.67 for 12 months; p. 252; Organized Research Project Account No. 191-5403.)

3212. Accept the resignation of Mr. Julian Curtis Hart, Research Assistant on the Organized Research Project "Investigations in Solid State Electronics" at a salary of \$2,000.00 for nine months, effective at the close of the day, January 31, 1964. (Budgeted salary \$2,666.66 for 12 months; Account No. 191-5403; p. 252.)

3213. Employ Mr. Donald Edwin McCollum as a Research Assistant on the Organized Research Project "Investigations in Solid State Electronics" at a salary of \$1,000.00 for four and one-half months, effective February 1, 1964, through June 15, 1964, vice Mr. Julian Curtis Hart, resigned. (Budgeted salary \$2,666.66 for 12 months; p. 252; Organized Research Project Account No. 191-5403.)

3214. Terminate the contract of Mr. Raleigh Ralph Ford, Research Assistant on the Organized Research Project "Investigations in Solid State Electronics" at a salary of \$2,000.00 for nine months, effective at the close of the day, September 30, 1964. (Budgeted salary \$2,666.67 for 12 months. Account No. 191-5403; p. 252; Re: Item No. 2628, Board Minutes of November 1, 1963.)

3215. Lapse the sum of \$1,050.00 from the budgeted allocation for Research Assistant on the Organized Research Project "Investigations in Solid State Electronics," Account No. 191-5403. This will be used to pay the salary of a Research Associate (one-half time) from June 1, 1964, through August 31, 1964. (Budgeted salary \$2,666.67 for 12 months; p. 252.)

Organized Research (Account No. 191-5404)

3216. Accept the resignation of Mr. James Richard Hammond, Research Assistant on the Organized Research Project "Development of Objective Estimates of Fatigue," at a salary of \$2,000.00 for nine months, effective at the close of the day, January 24, 1964. (Budgeted salary \$2,000.00 for 9 months; Account No. 191-5404; Mr. M. M. Ayoub, Principal Investigator.)

Organized Research (Account No. 191-5405)

3217. Lapse the amount of \$1,000.00 from the budgeted allocation for a Research Assistant on the Organized Research Project "Development of Conveyor Unloading Theory." (Organized Research Account No. 191-5405; Mr. Morris H. Schneider, Principal Investigator.)

Fellowships and Scholarships (Account No. 191-8010)

3218. Incorporate in the Minutes for record purposes the award of fellowships and/or scholarships for the 1963-64 academic year as given below: (Re: Budget, pp. 226-268.)

<u>Name</u>	<u>Department</u>	<u>Amount</u>
Richard F. Dee	Agronomy and Range Management	\$ 300.00
Subtotal, School of Agriculture	-----	\$ 300.00
Robert Earl Cathers	Chemistry	\$ 150.00
Dennis Wayne Darnall	Chemistry	500.00
Leo Robert Pulte	Chemistry	300.00

3218. (Continued)

<u>Name</u>	<u>Department</u>	<u>Amount</u>
Robert James Small	Chemistry	\$ 200.00
James Patrick Smith	Chemistry	200.00
Frederick Henry Wolfe	Chemistry	600.00
William Ying-I Yang	Chemistry	250.00
John W. Barnes	Education and Philosophy	250.00
Loye Y. Hollis	Education and Philosophy	250.00
Dwade Robert King	Education and Philosophy	250.00
Mufti A. H. Usmani	Education and Philosophy	250.00
Bill Henderson	Government	400.00
Bill Henderson	Government	500.00
James Donald Apple	Health, Physical Education and Recreation for Men	100.00
Floyd Collins Evans	Health, Physical Education and Recreation for Men	100.00
Donald Wayne Hoover	Health, Physical Education and Recreation for Men	100.00
James Larry Hughes	Health, Physical Education and Recreation for Men	100.00
Jimmy Charles Prichard	Health, Physical Education and Recreation for Men	100.00
Edward Dale Strickland	Health, Physical Education and Recreation for Men	100.00
Charles Wayne Yarbrough	Health, Physical Education and Recreation for Men	100.00
Wanda Jean Jordan	Health, Physical Education and Recreation for Women	400.00
Alvy Leon King	History and Anthropology	300.00
Richard Tandy Marcum	History and Anthropology	300.00
Richard Tandy Marcum	History and Anthropology	380.00
Richard Ray Moore	History and Anthropology	300.00
Jay K. Amburgey	Mathematics	600.00
Jerry Carmichael	Mathematics	600.00
James Wang	Physics	350.00
Olive Yi Liu	Physics	350.00
Larry K. Mason	Sociology	150.00
Danta Ruth Schlecte	Sociology	150.00
Ronny Edwin Turner	Sociology	400.00
Subtotal, School of Arts and Sciences -----		<u>\$ 9,080.00</u>
Dortha Geneva Harl	Business Education and Secretarial Administration	\$ 400.00
Subtotal, School of Business Administration -----		<u>\$ 400.00</u>
Carol Coldwell	Clothing and Textiles	\$ 100.00
Mrs. Judy Cowger Key	Clothing and Textiles	100.00
Mrs. Louise Wells McCormick	Clothing and Textiles	200.00
Mrs. Helen Brittin	Food and Nutrition	100.00
Glenda Sue Thompson	Food and Nutrition	100.00
Mrs. Mary Margaret Wilson	Food and Nutrition	100.00
Subtotal, School of Home Economics -----		<u>\$ 700.00</u>
TOTAL FOR FIVE SCHOOLS -----		<u>\$10,480.00</u>
Total Budgeted for Fellowships and Scholarships -----		\$40,000.00
Awarded this Agenda -----	\$ 10,480.00	
Awarded through November 21, 1963 -----	12,100.00	
Total Awarded through January 22, 1964 -----		22,580.00
Unencumbered Balance on January 22, 1964 -----		<u>\$17,420.00</u>

Journalism Cost-of-Education Grant (Account No. 391-1175)

3219. Approve an honorarium in the amount of \$85.00 to Dr. DeWitt C. Reddick, President of the American Council on Education for Journalism, The University of Texas, Austin, Texas, for his services as consultant for the Department of Journalism for two days in December, 1963. This is to be paid from Journalism Cost-of-Education Grant Account No. 391-1175.

Reading Improvement Program (Account No. 391-1210)

3220. Employ Dr. Murray R. Kovnar as Supervisor of the Reading Improvement Program at a salary of \$500.00 for the period September 1, 1963, through January 31, 1964. (Budgeted salary \$1,000.00 for 9 months; Account No. 391-1210; Dr. James Edward Kuntz, Director.)

3221. Employ Mr. Jack DeLoye Bowles as a Teaching Assistant in the Reading Improvement Program at a salary of \$400.00 for the period November 16, 1963, through January 17, 1964. (Budgeted salary; Account No. 391-1210; Dr. James Edward Kuntz, Director.)

3222. Employ Mr. Thomas Michael Weddig as a Teaching Assistant in the Reading Improvement Program at a salary of \$400.00 for the period November 16, 1963, through January 17, 1964. (Budgeted salary; Account No. 391-1210; Dr. James Edward Kuntz, Director.)

Summer Institute for Teachers of Spanish (Account No. 391-1252)

3223. Revise the contract of Mr. Alfred Bell Strehli, Professor in the Department of Foreign Languages, from "full-time teaching at a salary of \$4,850.00 for four and one-half months" to "three-fifths time teaching at a salary of \$2,910.00 for four and one-half months and two-fifths time as Director of the Summer Institute for Teachers of Spanish at a salary of \$1,940.00 for four and one-half months," effective February 1, 1964, through June 15, 1964. (Budgeted salary \$4,850.00 Foreign Languages and \$1,940.00 Summer Institute for Teachers of Spanish, Account No. 391-1252.)

Teaching and Traineeship Grant (Account No. 391-1262)

3224. Employ Mrs. Marisue Pounders Smith as a Part-time Secretary I (seven-tenths time) for the Rehabilitation and Counseling Program (Department of Psychology) at a salary rate of \$168.00 per month, effective December 1, 1963, through May 31, 1964. This is to be paid from the budgeted allocation (\$1,050.00) for Student Assistants and/or Part-time Help, Teaching and Traineeship Grant, Account No. 391-1262. (Professor and Director, Dr. Aldrena Beatrix Cobb.)

Texas Tech Tips and Topics (Account No. 391-1580)

3225. Employ Mrs. Phyllis Peterson Schnoor as Secretary I (115) one-half time for Texas Tech Tips and Topics at an annual salary of \$1,440.00, effective January 3, 1964, through August 31, 1964. (Budgeted salary \$1,200.00 for 9 months; Account No. 391-1580.)

Organized Research (Account No. 391-1621)

3226. Award a Pre-doctoral Fellowship in the amount of \$2,925.00 to Mr. Thomas Martin Southern on the Organized Research Project "A Thermochemical Study of Some Acids and Bases in Fused Onium Salts" for the period June 16, 1964, through April 30, 1965. This stipend will be paid at the rate of \$350.00 per month from June 16, 1964, through September 15, 1964, and at the rate of \$250.00 per month from September 16, 1964, through April 30, 1965. (Budgeted \$2,925.00 for 10½ months; Account No. 391-1621; Dr. Wesley William Wendlandt, Principal Investigator.)

Organized Research (Account No. 391-3041)

3227. Approve a revised budget in the amount of \$46,914.58 for the Organized Research Project "AFOSR Center for Molecular Research" for the period September 1, 1963, through August 31, 1964. A copy of the budget is attached and made a part of the Minutes. Attachment No. 4. (Organized Research Account No. 391-3041; Principal Investigator, Dr. Henry J. Shine.)

3228. Employ Mr. Edward Eugene Mach as a Pre-doctoral Fellow on the Organized Research Project "AFOSR Center for Molecular Research" at a salary of \$1,633.31 for seven months, effective February 1, 1964, through August 31, 1964. (Budgeted salary \$1,633.31 for 7 months; Account No. 391-3041; Principal Investigator, Dr. Henry J. Shine.)

Mechanical Engineering--Cost-of-Education Grant, (Account No. 391-1450)

3229. Approve an honorarium in the amount of \$67.00 to Mr. R. Douglas O'Dell, Department of Mechanical Engineering, The University of Texas, Austin, Texas, for his services as a consultant and guest lecturer in the Department of Mechanical Engineering on January 27, 1964. This is to be paid from Mechanical Engineering--Cost-of-Education Grant, Account No. 391-1450.

Organized Research (Account No. 391-3130)

3230. Accept the resignation of Mrs. Ellen Taylor, Part-time Secretary on the Organized Research Project "Modification of the Raven Progressive Matrices for Presentation to the Blind," at a salary rate of \$106.00 per month, effective at the close of the day, December 20, 1963. (Budgeted salary \$800.00; Account No. 391-3130; Principal Investigator, Dr. Robert Paul Anderson.)

3231. Employ Mrs. Judith Ann Dickey as Secretary II (Part-time) on the Organized Research Project "Modification of the Raven Progressive Matrices for Presentation to the Blind" at a salary of \$81.21 for the period January 13, 1964, through January 31, 1964, vice Mrs. Ellen Taylor, resigned. (Budgeted salary \$800.00; Account No. 391-3130; Dr. Robert Paul Anderson, Principal Investigator.)

3232. Approve an honorarium in the amount of \$233.00 to Miss Pat Sands, 4225 Brooklyn, Seattle, Washington, for her services as Consultant-Psychometrist on the Organized Research Project "Modification of the Raven Progressive Matrices" from October 25, 1963, through December 20, 1963. This is to be paid from the budgeted allocation for consultants. (Budgeted \$1,300.00; Organized Research Project Account No. 391-3130; Dr. Robert Paul Anderson, Principal Investigator.)

Organized Research (Account No. 391-3151)

3233. Approve a revised budget in the amount of \$8,800.00 for the Organized Research Project "A Taxonomic and Biological Survey of the Parasitic Gamasid Mites" for the period December 1, 1963, through November 30, 1964. A copy of the revised budget is attached and made a part of the Minutes. Attachment No. 8. (Account No. 391-3151; Principal Investigator, Dr. Russell William Strandtmann.)

Organized Research (Account No. 391-3335)

3234. Appoint Dr. Vernon Willard Proctor as Principal Investigator on the Organized Research Project "Taxonomic Significance of Monoeciousness and Dioeciousness in the Genus *Chara*," at a salary of \$1,044.00 for one month, effective August 1, 1964, through August 31, 1964. (Budgeted salary \$1,044.00 for 1 month; Principal Investigator, Dr. Vernon Willard Proctor; Account No. 391-3335.)

Organized Research (Account No. 391-3590)

3235. Award a Pre-doctoral Fellowship to Mr. Shri Harshavadan Champaklal Kaushik on the Organized Research Project "Studies of the Cyanoethylation Reaction" at a stipend of \$2,725.00 for the period February 1, 1964, through January 31, 1965. (Account No. 391-3590 and Account No. 391-3591; Principal Investigator, Dr. Joe Alfred Adamcik.)

Organized Research (Account No. 391-3610)

3236. Award a Pre-doctoral Fellowship to Mr. James Luther Booker on the Organized Research Project "Synthesis of Complex Rhenium Compounds" in the amount of \$600.00 for the period, February 1, 1964, through April 30, 1964. This is to be paid from The Robert A. Welch Foundation Grant Funds. (Budgeted \$600.00 for 3 months; Account No. 391-3610; Dr. Richard John Thompson, Principal Investigator.)

3237. Award a Pre-doctoral Fellowship to Mr. Ronald Henry Gore on the Organized Research Project "Synthesis of Complex Rhenium Compounds" in the amount of \$600.00 for the period February 1, 1964, through April 30, 1964. This is to be paid from The Robert A. Welch Foundation Grant Funds. (Budgeted \$600.00 for 3 months; Account No. 391-3610; Dr. Richard John Thompson, Principal Investigator.)

Organized Research (Account No. 391-8760)

3238. Award a Pre-doctoral Fellowship to Mr. Albert Dean Chamrad in the amount of \$1,400.00 for seven months on the Organized Research Project "Welder Wildlife Foundation Cooperative Research and Range Management" effective February 1, 1964, through August 31, 1964. This will be paid from grant funds. (Account No. 391-8760; Principal Investigator, Dr. Thadis Wayne Box.)

Texas Tech College Bookstore

3239. Grant permission to the Texas Tech College Bookstore to purchase classroom materials from the following staff members:

Mr. Charles W. Wendt, purchase of

75 copies - Fundamentals of Agronomy - @ \$1.28 each -- \$ 96.00

Mr. Edsel Buchanan, purchase of

25 copies - <u>Trampoline Manuals</u> - @ \$1.75 each -----	\$ 43.75
10 copies - <u>Handball Manuals</u> - @ \$1.75 each -----	17.50
5 copies - <u>Wrestling Manuals</u> - @ \$1.75 each -----	8.75
75 copies - <u>Basketball Manuals</u> - @ \$1.75 each -----	131.25

Dr. T. Earle Hamilton, purchase of

10 copies - El Cardenal de Belen - @ \$3.75 each ----- \$ 37.50

La Ventana

3240. Accept the resignation of Mr. James Coker, Assistant Photographer for the La Ventana, at a salary of \$337.00 for nine months, effective at the close of the day, December 4, 1963. (Budgeted salary \$337.00 for 9 months; p. 286.)

3241. Employ Mr. Fred Allyn Harrison as Assistant Photographer for the La Ventana at a salary rate of \$337.00 for nine months, effective January 3, 1964, through May 31, 1964, vice Mr. James Coker, resigned. (Budgeted salary \$337.00 for 9 months; p. 286.)

3242. Accept the resignation of Mr. John Odell Wehrle, Art Editor on the La Ventana, at a salary of \$300.00 for nine months, effective at the close of the day, November 30, 1963. (Budgeted salary \$300.00 for 9 months; p. 286.)

3243. Employ Mr. Gregg Vaughn Spickard as Art Editor for the La Ventana at a salary of \$180.00 for six months, effective December 1, 1963, through May 31, 1964, vice Mr. John Odell Wehrle, resigned. (Budgeted salary \$300.00 for 9 months; p. 286.)

3244. Approve an appropriation from the unappropriated balance of La Ventana in the amount of \$200.00 to the Maintenance, Equipment and Travel Account of La Ventana.

Texas Technological College Research Farm

3245. Revise the contract of Dr. Thadis Wayne Box, Department of Agronomy and Range Management, from "Associate Professor at a salary of \$8,800.00 for nine months" to "Professor at a salary of \$9,600.00 for nine months," effective February 1, 1964, through June 15, 1964. This salary will be paid one-half from Agronomy and Range Management and one-half from Texas Technological College Research Farm. (Budgeted salary: Agronomy \$2,200.00 for $4\frac{1}{2}$ months; Texas Technological College Research Farm \$4,400.00 for 12 months. The additional teaching funds in the amount of \$200.00 required for this contract will be paid from lapsed salaries; p. 35 and p. 288.)

3246. Appoint Dr. Thadis Wayne Box as a Professor in the Department of Agronomy and Range Management at a salary of \$1,200.00 for the period July 16, 1964, through August 31, 1964. This salary will be paid \$800.00 from Agronomy ($\frac{1}{2}$ time) (1964 Summer Budget) and \$400.00 from the Texas Technological College Research Farm ($\frac{1}{4}$ time; Budgeted salary; p. 288.)

3247. Employ Mr. Benny Robert Hicks as a Farm Equipment Mechanic, Texas Technological College Research Farm, at an annual base salary of \$2,820.00 plus house and utilities valued at \$540.00 per year, effective January 1, 1964, through August 31, 1964, vice Mr. Harold Stinson Roberts, transferred. (Budgeted base salary \$3,540.00 plus house and utilities valued at \$540.00 for 12 months; p. 290.)

3248. Grant Mr. Henry Lyle O'Daniel, Maintenance and Repairman I, Texas Technological College Research Farm, a leave of absence without pay, effective at the beginning of the day, February 7, 1964. (Budgeted base salary \$3,360.00 plus house and utilities valued at \$540.00; p. 290.)

Parking and Traffic Service

3249. Revise the contract of Mr. Billy G. Fuller, Traffic-Security Patrolman, Parking and Traffic Service, from "an annual salary of \$3,600.00" to "an annual salary of \$3,720.00," effective December 1, 1963, through August 31, 1964. (Budgeted salary \$3,720.00 for 12 months; p. 292.)

3250. Revise the contract of Mr. Billy Joe Trivitt, Traffic-Security Patrolman, Parking and Traffic Service, from "an annual salary of \$3,600.00" to "an annual salary of \$3,720.00," effective December 1, 1963, through August 31, 1964. (Budgeted salary \$3,720.00 for 12 months; p. 292.)

3251. Accept the resignation of Mrs. Bettye Short Masterson, Clerk-Typist I in Parking and Traffic Service, at an annual salary of \$2,760.00, effective at the close of the day, January 11, 1964. (Budgeted salary \$2,760.00 for 12 months; Re: Item No. 2686, Board Minutes of November 1, 1963; p. 292.)

3252. Employ Mrs. Mary Jo Hammett as a Clerk-Typist I (108) in Parking and Traffic Service at an annual salary of \$2,760.00, effective January 15, 1964, through August 31, 1964, vice Mrs. Bettye Short Masterson, resigned. (Budgeted salary \$2,760.00 for 12 months; p. 292.)

Student Health Service

3253. Accept the resignation of Mrs. Helen Elizabeth Lowe, Registered Nurse in the Student Health Service, at an annual base salary of \$3,755.00 plus five meals per week valued at \$145.00 per year, effective at the close of the day, January 31, 1964. (Budgeted salary \$3,900.00 for 12 months; this includes 5 meals per week valued at \$145 per year; p. 295.)

Student Union

3254. Accept the resignation of Mrs. Jean Deloris Horton, Clerk I (101) in the Student Union, at an annual salary of \$2,640.00, effective at the close of the day, December 19, 1963. (Budgeted salary \$2,640.00 for 12 months; Item No. 2692, November 1, 1963; p. 299.)

3255. Employ Miss Joan Carole Jennings as a Clerk I in the Student Union at an annual salary of \$2,640.00, effective January 15, 1964, through August 31, 1964, vice Mrs. Jean Deloris Horton, resigned. (Budgeted salary \$2,640.00 for 12 months; p. 299.)

3256. Approve an honorarium in the amount of \$48.95 to Miss Nancy Connor, The Oklahoma State University, Stillwater, Oklahoma, for her services as consultant for Region Nine Association of College Unions Conference on December 13-14, 1963. This is to be paid from the Student Union Maintenance, Equipment and Travel Account.

The Toreador

3257. Accept the resignation of Mr. James Coker, Second Assistant Photographer for the Toreador, at a salary of \$248.00 for nine months, effective at the close of the day, December 4, 1963. (Budgeted salary \$248.00 for 9 months; p. 305.)

3258. Employ Mr. Fred Allyn Harrison as Second Assistant Photographer for the Toreador at a salary rate of \$248.00 for nine months, effective January 3, 1964, through May 31, 1964, vice Mr. James Coker, resigned. (Budgeted salary \$248.00 for 9 months; p. 305.)

3259. Accept the resignation of Mr. William George Williams, Third Assistant Photographer, at a salary of \$450.00 for nine months, effective at the close of the day, December 19, 1963. (Budgeted salary \$450.00 for 9 months; p. 305.)

Residence Halls (Office of Room Reservations)

3260. Revise Item No. 2949, Board Minutes of December 7, 1963, accepting the resignation of Mrs. Shirley Jo Head, Clerk-Typist II in Residence Halls (Office of Room Reservations), to read "effective at the close of the day, October 25, 1963" instead of "effective at the close of the day, November 1, 1963." (Budgeted salary \$3,000.00 for 12 months; p. 321.)

3261. Accept the resignation of Mrs. Maxine S. Blaylock, Residence Halls (Office of Room Reservations), at an annual salary of \$2,880.00, effective at the close of the day, December 6, 1963. (Budgeted salary \$2,880.00 for 12 months; p. 321.)

Telephone Service (Residence Halls)

3262. Accept the resignation of Mrs. Meverda Delores Green, Switchboard Operator in Residence Halls, at an annual salary of \$2,760.00, effective with the close of the day, February 8, 1964. (Budgeted salary \$2,760.00 for 12 months; p. 325.)

Residence Halls (Dining Room and Kitchen)

3263. Accept the resignation of Mrs. Gwendolyn Gowens Gentry, Assistant Food Service Manager, Residence Halls (Dining Room and Kitchen), at an annual base salary of \$4,005.00 plus meals valued at \$495.00 per year, effective at the close of the day, November 30, 1963. (Budgeted base salary \$2,805.00 plus apartment and meals valued at \$915.00 per year; p. 328.)

3264. Terminate the leave of absence without pay granted Mrs. Elizabeth Marie Toles, Assistant Food Service Manager, Residence Halls (Weeks), effective at the beginning of the day, December 1, 1963. (Re: Item No. 2735, Board Minutes of November 1, 1963.)

Textile Research Laboratories

3265. Grant Mrs. Faye Holman Turner, Secretary II (116) in the Textile Research Laboratories at an annual salary of \$3,360.00, a leave of absence without pay, effective February 3, 1964 (8 a.m.), through February 23, 1964 (twenty-one days). (Budgeted salary \$3,360.00 for 12 months; p. 355.)

The Hunter Scholarship in Range Management (Account No. 391-7150)

3266. Approve the establishment of the Hunter Scholarship in Range Management, effective the 1963 Fall Semester. The proposed catalog description is given below:

HUNTER SCHOLARSHIP IN RANGE MANAGEMENT

Mr. John R. Hunter has established a scholarship for a junior student majoring in Range Management in the amount of \$200.00 per year to continue through the senior year. The basis for the award is scholastic achievement, character, need and interest in Range Management. Selection will be made on or before November 1 of each year.

Dormitory and Dining Facilities, HHFA Project No. CH-TeX-150 (D), Units B and C

3266A. Approve the following change orders to the contract with Commercial Kitchens, Inc., of Houston, for fixed kitchen and food servicing equipment in HHFA Project No. CH-TeX-150(D), Units B and C:

Dormitory for Women, Unit B

<u>Custom Fabricated Items</u>	<u>Increase in Contract Price</u>	<u>Decrease in Contract Price</u>
1. "Increase width of conveyer pan, Item 68, for use with 20" x 20" racks	Add \$120.00	
2. "Trim pass-through window at scullery with stainless steel	Add \$170.00	
3. "Widen shelf above hot food section to receive additional row of incandescent lights	Add \$200.00	
4. "Delete two limit switches at conveyers - 2 at \$23 each		Deduct \$46

Manufacturers' Items (Fixed)

1. "Add for mixer Item 10 140 "B" beater and 140 "D" wire whip for 40-quart bowl	Add \$ 48.00
2. "Add one scrap block for each disposer furnished - 3 at \$3.35 each	Add \$ 10.05

3266A. (Continued)

Dormitory for Men, Unit C

<u>Custom Fabricated Items</u>	<u>Increase in Contract Price</u>	<u>Decrease in Contract Price</u>
1. "Increase width of conveyer pan, Item 68, for use with 20" x 20" racks	Add \$120.00	
2. "Increase conveyer length, Item 68, for working with larger dish machine as specified	Add \$ 85.00	
3. "Trim pass-through window at scullery with stainless steel	Add \$170.00	
4. "Recess table top at counter cooking units, Item 78	Add \$ 40.00	
5. "Widen shelf above hot food section to receive additional row of in- candescent lights	Add \$200.00	
<u>Manufacturers' Items (Fixed)</u>		
1. "Add five (5) stainless steel decanters for coffee maker, Item 84, men's snack bar	Add \$ 37.00	
2. "Add for mixer, Item 10, 140 "B" beater and 140 "D" wire whip for 40-quart bowl	Add \$ 48.00	
3. "Add one scrap block for each disposer furnished - 4 at \$3.35 each	Add \$ 13.40	
4. "Delete two limit switches at conveyers - 2 at \$23 each"		Deduct \$46
Net Increase	\$1,169.45	

Killgore Beef Cattle Center (Feed Mill Building)

3266B. Approve an extra in the amount of \$2,900.00 to the contract with Stout Steel Builders for the Feed Mill Building at the Killgore Beef Cattle Center for the extension of the feed plant 40' in length by 30' wide and 16' wall height.

In-State Leaves

3267. Grant permission to Mr. Billy B. Crumley, Associate Director of the Textile Research Laboratory, to go to Dallas from January 8, 1964, through January 11, 1964, to present a research paper entitled "The Effect of Harvest-Aid Chemicals on Fiber Properties and Spinning Performance of High Plains Cotton" at the annual meeting of the Texas Certified Seed Producers; expenses are to be paid from the Textile Research Laboratory Maintenance, Equipment and Travel Account.

3268. Grant permission to Mr. Gene Kenney, Associate Professor in the Department of Music, to go to Corpus Christi from January 23, 1964, through January 25, 1964, to serve as choral clinician for the Region VII choir; at no expense to the College.

3269. Grant permission to Dr. Willa Vaughn Tinsley, Dean of Home Economics, to go to San Antonio from January 31, 1964, through February 1, 1964, to present a research paper entitled "Problems and Opportunities of American Families in the Mid-Sixties" at the annual Texas Council on Family Relations; expenses are to be paid from the Office of the Dean of Home Economics Maintenance, Equipment and Travel Account.

Out-of-State Leaves

3270. Grant permission to Dr. Theodore Andreychuk, Professor and Head of the Department of Psychology, to go to Knoxville, Tennessee, from December 16, 1963, through December 20, 1963; at no expense to the College.

3271. Grant permission to Mr. Mohamed M. Ayoub, Assistant Professor in the Department of Industrial Engineering and Engineering Drawing, to go to Lee's Summit, Missouri, on January 7, 8, 14, 15, 21, and 22, 1964, and on February 4 and 5, 1964, to present lectures at Western Electric Company, Kansas City Works, as specified under contract between the Institute of Science and Engineering and the Western Electric Company; at no expense to the College.

3272. Grant permission to Dr. Thadis W. Box, Associate Professor in the Department of Agronomy and Range Management, to go to Tucson, Arizona, from January 5, 1964, through January 6, 1964, to visit the University of Arizona for the purpose of discussing their range management program; at no expense to the College.

3273. Grant permission to Dr. John R. Bradford, Dean of Engineering, to go to Beverly Hills, California, from November 10, 1963, through November 14, 1963, to discuss with officials of Litton Industries the research and development requirements of their new Lubbock plant; schools in the Los Angeles-San Diego and San Francisco-San Jose areas will also be visited in connection with his duties as Dean of Engineering; expenses are to be paid from the Institute of Science and Engineering Maintenance, Equipment and Travel Account.

3274. Grant permission to Dr. John R. Bradford, Dean of Engineering, to go to Washington, D. C., New York City, and Wilmington, Delaware, for seven days in December 1963 or January or February 1964, for the purpose of discussing with representatives of federal agencies and private foundations the research potentials at Texas Tech; prospective staff members will also be interviewed at universities and colleges in New York, Pennsylvania, Ohio, and Illinois; expenses are to be paid from the Institute of Science and Engineering Maintenance, Equipment and Travel Account.

3275. Grant permission to Miss Margo Brunson, Teaching Assistant in the Department of Speech, to go to Chicago, Illinois, from November 2, 1963, through November 7, 1963, to attend sessions of the American Speech and Hearing Association; at no expense to the College.

3276. Grant permission to Mrs. Charlotte Camp, Assistant Professor in the Department of Home and Family Life, to go to Washington, D. C., from December 5, 1963, through December 8, 1963; at no expense to the College.

3277. Grant permission to Dr. Earl D. Camp, Professor and Head of the Department of Biology, to go to Washington, D. C., from December 5, 1963, through December 8, 1963, to attend a meeting of directors of Summer Institutes for High School Biology Teachers to obtain information for use in the institute held on the Texas Tech campus; expenses are to be paid from the Summer Institute for High School Teachers of Biology--1964--Maintenance, Equipment and Travel Account.

3278. Grant permission to Mr. Albert Dean Chamrad, Research Fellow in the Department of Agronomy and Range Management, to go to Wichita, Kansas, from February 9, 1964, through February 15, 1964, to participate in the annual meeting of the American Society of Range Management; expenses are to be paid from Welder Wildlife Foundation grant funds, Account No. 391-8760.

3279. Grant permission to Dr. Beatrix Cobb, Professor in the Department of Psychology and Director of the Rehabilitation Counselor Training Program, to go to Saint Louis, Missouri, from January 29, 1964, through January 31, 1964, to attend a national committee meeting on recruitment of rehabilitation counselors at the request of the National Rehabilitation Association; at no expense to the College.

3280. Grant permission to Mr. Jacquelin Collins, Assistant Professor in the Department of History, to go to Champaign, Illinois, from January 9, 1964, through January 13, 1964, to take his final Ph. D. examination at the University of Illinois; at no expense to the College.

3281. Grant permission to Mr. Billy B. Crumley, Associate Director of the Textile Research Laboratory, to go to Washington, D. C., and/or Clemson, South Carolina, for four days between December 9, 1963, and December 21, 1963, to meet with United States Department of Agriculture officials to work on future research contracts for Texas Tech; expenses are to be paid from the Textile Research Laboratory Maintenance, Equipment and Travel Account.
3282. Grant permission to Mr. Billy B. Crumley, Associate Director of the Textile Research Laboratory, to go to Biloxi, Mississippi, from January 23, 1964, through January 29, 1964, to attend the annual meeting of the National Cotton Council as a part of his duties as Associate Director of the Textile Research Laboratory; expenses are to be paid from the Textile Research Laboratory Maintenance, Equipment and Travel Account.
3283. Grant permission to Dr. J. William Davis, Professor and Head of the Department of Government, to go to New York City from January 2, 1964, through January 11, 1964, to attend the NCAA national convention and a meeting of the Infractions Committee; at no expense to the College.
3284. Grant permission to Dr. Joe Dennis, Professor and Head of the Department of Chemistry, to go to Tempe, Arizona, from January 30, 1964, through February 3, 1964, to attend a meeting of chemistry department heads from colleges and universities in New Mexico, West Texas, Arizona, Colorado, and Utah for the purpose of gaining information which will be of use to Texas Tech's Department of Chemistry; expenses are to be paid from the Department of Chemistry Maintenance, Equipment and Travel Account.
3285. Grant permission to Dr. Richard A. Dudek, Professor and Head of the Department of Industrial Engineering and Engineering Drawing, to go to Lee's Summit, Missouri, on December 3 and 4, 1963, January 28 and 29, 1964, and February 18 and 19, 1964, to present lectures at the Western Electric Company, Kansas City Works, as specified under the contract between the Institute of Science and Engineering and the Western Electric Company; at no expense to the College.
3286. Grant permission to Miss Ellen Fan, Research Assistant on the Organized Research Project "Breeding and Evaluation of Garden Chrysanthemums for the Southwest," to go to Los Angeles, Salinas, and Livermore, California, and to the Oakland Bay area, from January 2, 1964, through January 6, 1964, to gather data pertinent to research testing evaluation production and breeding of chrysanthemums; expenses are to be paid from Maintenance, Equipment and Travel Account No. 191-4116.
3287. Grant permission to Miss Yean-ping Fan, Research Assistant on the Organized Research Project "Breeding and Evaluation of Garden Chrysanthemums for the Southwest," to go to Los Angeles, Salinas, and Livermore, California, and to the Oakland Bay area, from January 2, 1964, through January 6, 1964, to gather data pertinent to research testing evaluation production and breeding of chrysanthemums; expenses are to be paid from Maintenance, Equipment and Travel Account No. 191-4116.
3288. Grant permission to Mr. Gary W. Ferguson, Teaching Assistant in the Department of Biology, to go to Guaymas, Sonora, Republic of Mexico, from January 20, 1964, through February 2, 1964, for the purpose of collecting lizards for a thesis problem; at no expense to the College.
3289. Grant permission to Mr. Gary W. Ferguson, Teaching Assistant in the Department of Biology, to go to Durant, Oklahoma, from December 18, 1963, through December 20, 1963, for personal reasons; at no expense to the College.
3290. Grant permission to Mr. Preston F. Gott, Associate Professor in the Department of Physics, to go to Alamogordo, New Mexico, from December 16, 1963, through January 5, 1964, to prepare a classified research report; at no expense to the College.
3291. Grant permission to Mr. Preston F. Gott, Associate Professor in the Department of Physics, to go to Holloman Air Force Base, New Mexico, from January 23, 1964, through January 30, 1964, to prepare a classified report at White Sands Missile Range; at no expense to the College.

3292. Revise Item No. 158, Board Minutes of December 7, 1963, granting permission to Dr. John C. Guilds, Professor and Head of the Department of English, to go to Chicago, Illinois, to read from "December 20, 1963, through January 4, 1964" instead of "December 26, 1963, through December 29, 1963."
3293. Grant permission to Dr. Arnold J. Gully, Professor and Head of the Department of Chemical Engineering, to go to Memphis, Tennessee, from February 2, 1964, through February 5, 1964, to attend the national meeting of the American Institute of Chemical Engineers in order to gain information on statistical methods and process control which will be of value in teaching courses at Texas Tech; expenses are to be paid from the Department of Chemical Engineering Maintenance, Equipment and Travel Account.
3294. Grant permission to Dr. George G. Heather, Dean of Business Administration, to go to Chicago, Illinois, from November 10, 1963, through November 14, 1963, to attend the annual meeting of the Business Division of the Association of State Universities and Land-Grant Colleges to gain information which will be used in improving Texas Tech's School of Business; expenses are to be paid from the Office of the Dean of Business Administration Maintenance, Equipment and Travel Account.
3295. Cancel Item No. 77, Board Minutes of November 1, 1963, granting permission to Dr. Gene Hemmle, Professor and Head of the Department of Music, to go to Chicago, Illinois, from November 27, 1963, through December 1, 1963.
3296. Grant permission to Mr. John F. Hobbs, Information Representative in the Office of Public Information, to go to Kingston, Oklahoma, from February 2, 1964, through February 5, 1964, to distribute information about Texas Technological College at the Annual Southwest Park and Recreation Training Institute at Lake Texoma Lodge; expenses are to be paid from the Public Information Maintenance, Equipment and Travel Account.
3297. Revise Item No. 161, Board Minutes of December 7, 1963, granting permission to Dr. Ellis W. Huddleston, Assistant Professor of Entomology, to go to Buenos Aires, Argentina, to read "from January 11, 1964, through February 12, 1964," instead of "from January 17, 1964, through February 17, 1964"; expenses are to be paid from Greenbug Research Account No. 391-3240.
3298. Grant permission to Dr. William K. Ickes, Associate Professor of Speech, to go to Washington, D. C., from January 13, 1964, through January 16, 1964, to participate in a workshop of the American Hearing Society; at no expense to the College.
3299. Grant permission to Mr. Roy Dewayne Ikenberry, Teaching Assistant in the Department of Biology, to go to Castro Valley, California, from December 19, 1963, through January 3, 1964, for personal reasons; at no expense to the College.
3300. Grant permission to Mrs. Jean A. Jenkins, Director of the Placement Service, to go to Miami, Florida, from December 2, 1963, through December 5, 1963, to attend a meeting of the Committee on Ethics appointed by the College Placement Council; at no expense to the College.
3301. Grant permission to Mr. Don Johnson, Instructor in the Department of Park Administration, Horticulture and Entomology, to go to Kingston, Oklahoma, from February 2, 1964, through February 3, 1964, to attend the ninth annual Southwest Park and Recreation Training Institute which is conducted by the Department of Park Administration, Horticulture and Entomology of Texas Tech; at no expense to the College.
3302. Grant permission to Dr. Fred P. Kallina, Director of the Student Health Service, to go to Baton Rouge, Louisiana, from December 6, 1963, through December 10, 1963, to attend the Southwestern Section Meeting of the American College Health Association in order to gain information which will be of value in improving Texas Tech's health service; expenses are to be paid from the Student Health Service Maintenance, Equipment and Travel Account.

3303. Grant permission to Dr. P. Merville Larson, Professor and Head of the Department of Speech, to go to Spokane, Washington, from January 30, 1964, through February 2, 1964, to the Knife and Fork International Convention; at no expense to the College.

3304. Grant permission to Dr. Robert M. Lawrence, Assistant Professor in the Department of Government, to go to Falls Church, Virginia, from December 17, 1963, through December 19, 1963, to serve as a consultant to the MELPAR Corporation; at no expense to the College.

3305. Grant permission to Dr. Samuel H. Lee, Professor in the Department of Chemistry, to go to Rochester, New York, from January 26, 1964, through January 29, 1964, to visit the Chemistry Department of the Rochester Institute of Technology as a visiting scientist in chemistry sponsored by the Division of Chemical Education of the American Chemical Society and the National Science Foundation; at no expense to the College.

3306. Grant permission to Dr. Lester S. Levy, Professor in the Department of Economics, to go to Boston, Massachusetts, from December 19, 1963, through January 2, 1964, to attend the meetings of the American Economic Association in order to gather information for courses taught at Texas Tech and to interview prospective staff members on behalf of the department head; expenses are to be paid from the Department of Economics Maintenance, Equipment and Travel Account.

3307. Grant permission to Mr. Thomas Mastroianni, Instructor in the Department of Music, to go to Moorhead, Minnesota, from January 11, 1964, through January 14, 1964, for an exchange recital with "Pianist in Residence" at Concordia College; at no expense to the College.

3308. Revise Item No. 169, Board Minutes of November 1, 1963, granting permission to Dr. Harley D. Oberhelman, Professor and Head of the Department of Foreign Languages, to go to Chicago, Illinois, to read "from December 22, 1963, through December 31, 1963" instead of "December 26, 1963, through December 31, 1963," and to include stops at Marshall and Palestine, Illinois.

3309. Grant permission to Mr. Phil Orman, Director of Student Publications, to go to White City, New Mexico, on February 3, 1964, to take pictures of the La Ventana beauties at Carlsbad Caverns; expenses are to be paid from Maintenance, Equipment and Travel Account of the La Ventana.

3310. Cancel Item No. 170, Board Minutes of December 7, 1963, granting permission to Dr. W. M. Pearce, Vice President for Academic Affairs, to go to Norman, Oklahoma, from December 26, 1963, through December 31, 1963.

3311. Cancel Item No. 172, Board Minutes of December 7, 1963, granting permission to Mr. M. L. Pennington, Vice President for Business Affairs, to go to San Jose, California, from December 13, 1963, through December 23, 1963, to attend the IBM Customer-Executive Seminar.

3312. Grant permission to Mr. Louis J. Powers, Professor and Head of the Department of Mechanical Engineering, to go to Asbury Park, New Jersey, from January 29, 1964, through February 1, 1964, to attend a symposium on the intellectual and engineering applications of digital computing at the invitation of Bell Laboratories; at no expense to the College.

3313. Grant permission to Dr. Vernon W. Proctor, Professor in the Department of Biology, to go to salt lakes in the vicinity of Roswell and Estancia, New Mexico, from January 23, 1964, through January 27, 1964, to collect Chara oospores for use on National Science Foundation Grant GB 1526; at no expense to the College.

3314. Grant permission to Mr. J. B. Pruett, Instructor in the Department of Animal Husbandry, to go to Denver, Colorado, with stops at Las Vegas and Watrous, New Mexico, from January 5, 1964, through January 13, 1964, to accompany and coach the livestock judging team at the National Western Stock Show; expenses are to be paid from the Department of Animal Husbandry Maintenance, Equipment and Travel Account.

3315. Grant permission to Dr. Fred D. Rigby, Dean of the Graduate School, to go to Washington, D. C., from February 13, 1964, through February 15, 1964, to serve as a consultant for the Stanford Research Institute; at no expense to the College.

3316. Grant permission to Mr. Joseph Daniel Rodgers, Research Fellow in the Department of Agronomy and Range Management, to go to Wichita, Kansas, from February 9, 1964, through February 15, 1965, to participate in the annual meeting of the American Society of Range Management; expenses are to be paid from Post-Montgomery Co-operative Research grant funds, Account No. 391-3380.

3317. Grant permission to Dr. John A. Ryan, Professor and Head of the Department of Marketing, to go to Boston, Massachusetts, and Baldwin, New York, from December 26, 1963, through December 31, 1963, to (1) attend the annual conference of the American Marketing Association in Boston for the purpose of obtaining information which will be incorporated into classes taught at Texas Tech and (2) interview prospective staff members; expenses are to be paid from the Department of Marketing Maintenance, Equipment and Travel Account.

3318. Revise Item No. 3002, Board Minutes of December 7, 1963, granting permission to Dr. Jesse Q. Sealey to go to Natick, Massachusetts, to read "from November 18, 1963, through November 24, 1963," instead of "from November 18, 1963, through November 22, 1963"; no additional expenses will be incurred.

3319. Grant permission to Dr. Van Mitchell Smith, Associate Professor of History, to go to Colorado Springs, Colorado, from December 8, 1963, through December 10, 1963, for personal reasons; at no expense to the College.

3320. Grant permission to Dr. Harold A. Spuhler, Professor and Head of the Department of Electrical Engineering, to go to Tucson, Arizona, from December 19, 1963, through December 21, 1963; at no expense to the College.

3321. Grant permission to Mr. Hugh W. Stephens, Assistant Professor of Government, to take annual military leave as provided by Article 5769b-1, Revised Civil Statutes (H.B. No. 761), 53rd Legislature, 1953, without loss of pay. Mr. Stephens will be with the Provost Marshall's Office, MCB, Camp Pendleton, California, from January 27, 1964, through January 30, 1964.

3322. Correct Item No. 177, Board Minutes of December 7, 1963, granting permission to Dr. R. W. Strandtmann, Professor of Biology, to go to Monterrey, Mexico, to read "from February 8, 1964, through February 12, 1964" instead of "February 8, 1963, through February 12, 1963."

3323. Grant permission to Mr. Alfred B. Strehli, Professor in the Department of Foreign Languages, to go to Chicago, Illinois, from December 26, 1963, through December 30, 1963, to attend the national meetings of the Modern Language Association and of the American Association of Teachers of Spanish and Portuguese for the purpose of obtaining information which will be incorporated into courses taught at Texas Tech and to interview prospective staff members for the Summer Language Institute; expenses are to be paid from the Department of Foreign Languages Maintenance, Equipment and Travel Account.

3324. Grant permission to Dr. Paschal N. Strong, Professor in the Department of Psychology, to go to Santa Monica, California, from January 13, 1964, through January 16, 1964, to visit the Systems Development Corporation and several companies involved in program instruction; at no expense to the College.

3325. Grant permission to Dr. Gerald W. Thomas, Dean of Agriculture, to go to Lake Texoma, Oklahoma, from February 2, 1964, through February 4, 1964, to participate in meetings of the Southwest Park and Recreation Training Institute and to help plan and coordinate programs as a part of his duties as Dean of Agriculture; expenses are to be paid from the Office of the Dean of Agriculture Maintenance, Equipment and Travel Account.

3326. Grant permission to Dr. Henry C. Thomas, Professor and Head of the Department of Physics, to go to New York, New York, from January 21, 1964, through January 25, 1964, to attend the annual meeting of the American Physical Society in order to acquire information which will be used in courses taught at Texas Tech and to interview prospective staff members; expenses are to be paid from the Department of Physics Maintenance, Equipment and Travel Account.

3327. Grant permission to Dr. E. R. Tichauer, Visiting Associate Professor in the Department of Industrial Engineering and Engineering Drawing, to go to Lee's Summit, Missouri, on December 3, 4, 10, 11, 17, and 18, 1963, January 7, 8, 14, 15, 21, 22, 28, and 29, 1964, and February 4, 5, 11, 12, 18, and 19, 1964, to present lectures at the Western Electric Company, Kansas City Works, as specified under the contract between the Institute of Science and Engineering and the Western Electric Company; at no expense to the College.

3328. Grant permission to Dr. E. R. Tichauer, Visiting Associate Professor in the Department of Industrial Engineering and Engineering Drawing, to go to Iowa City, Iowa, from January 9, 1964, through January 12, 1964, to give a series of lectures on biomechanics at the State University of Iowa; at no expense to the College.

3329. Grant permission to Dr. Donald W. Tinkle, Professor in the Department of Biology, to go to western Mexico and the Gulf of California Islands from January 23, 1964, through February 2, 1964, to obtain lizards necessary to carry out research under terms of grant GB 1815 from the National Science Foundation; expenses will be paid from grant funds, Account No. 391-3305.

3330. Grant permission to Miss Mary Jeanne van Appledorn, Associate Professor in the Department of Music, to go to Rochester, New York, from January 3, 1964, through January 8, 1964, to confer with her doctoral thesis advisers at the University of Rochester; at no expense to the College.

3331. Revise Item No. 181, Board Minutes of December 7, 1963, granting permission to Mr. Charles R. Ward, graduate student in the Department of Park Administration, Horticulture and Entomology, to go to Buenos Aires, Argentina, to read "from January 11, 1964, through February 12, 1964," instead of "from January 17, 1964, through February 17, 1964"; expenses are to be paid from Department of Health, Education and Welfare grant funds, Account No. 391-3110.

3332. Grant permission to Mr. James T. Watt, Assistant Professor of Business Education and Secretarial Administration, to go to Greenfield, Ohio, from January 13, 1964, through January 15, 1964; at no expense to the College.

3333. Grant permission to Dr. W. W. Wendlandt, Professor in the Department of Chemistry, to go to Duncan, Oklahoma; Albuquerque, New Mexico; Amarillo, Waco, Austin, San Antonio, Freeport, and Edinburg, Texas; from February 13, 1964, through February 23, 1964, to lecture on a tour sponsored by the American Chemical Society; at no expense to the College.

3334. Revise Item No. 104, Board Minutes of November 1, 1963, granting permission to Dr. Willard F. Williams, to go to Kansas City, Missouri, to read "from November 17, 1963, through November 21, 1963" instead of "from November 18, 1963, through November 21, 1963."

3335. Grant permission to Dr. Willard F. Williams, Professor and Head of the Department of Agricultural Economics, to go to Atlanta, Georgia, from February 2, 1964, through February 5, 1964, to present an original research paper entitled "New Directions for Market Structure Research" at the Annual Southern Agricultural Workers Meeting; expenses are to be paid from the Department of Agricultural Economics Maintenance, Equipment and Travel Account.

3336. Grant permission to Dr. Paul J. Woods, Associate Professor of History, to go to Ruidoso, New Mexico, from January 25, 1964, through January 27, 1964; at no expense to the College.

3337. Grant permission to Mr. Wolodymyr T. Zyla, Assistant Professor in the Department of Foreign Languages, to go to Chicago, Illinois, from December 27, 1963, through December 31, 1963, to present an original research paper entitled "Surnames in the Kharkov Register of 1660" at the annual meeting of the American Name Society; expenses are to be paid from the Department of Foreign Languages Maintenance, Equipment and Travel Account.

Respectfully submitted,

A handwritten signature in cursive script, reading "R. C. Goodwin".

R. C. Goodwin
President

RCG:brf

TEXAS TECHNOLOGICAL COLLEGE
Department of Chemistry
Project: "Studies of the Cyanoethylation Reaction"
For the Period, May 1, 1964, through April 30, 1965

<u>Estimated Income:</u>	<u>1964-65</u>
Estimated Balance, May 1, 1964 -----	\$ -0-
The Robert A. Welch Foundation Grant No. D-070 ----	<u>15,000.00</u>
Total Estimated Income -----	<u>\$ 15,000.00</u>
 <u>Estimated Expenses:</u>	 <u>1964-65</u>
Principal Investigator	
Joe Alfred Adamcik -----	\$ 2,900.00(a)
Pre-doctoral Fellowship (12 months)	
Shri Harshavadan Champaklal Kaushik -----	2,725.00(b)
-----	2,725.00
OASI -----	-0-
Maintenance, Equipment and Travel -----	4,693.48
Indirect Cost (Overhead 15%) -----	<u>1,956.52</u>
Total Estimated Cost -----	<u>\$ 15,000.00</u>

- (a) Contract to be dated June 1, 1964, through August 31, 1964.
(b) Fellowship for Mr. Kaushik, May 1, 1964, through January 31, 1965 in the amount of \$2,043.75.

TEXAS TECHNOLOGICAL COLLEGE
Department of Agriculture
Project: "An Evaluation of the Agricultural Research
and Education Programs in Selected States with Emphasis on
the Relationship between Resident Instruction and Research"
For the period, March 1, 1964, through August 31, 1964

<u>Estimated Income:</u>	<u>1964</u>
Allocation from General Unrestricted Gifts and Grants -----	<u>\$ 600.00</u>
Total Estimated Income -----	<u><u>\$ 600.00</u></u>
 <u>Estimated Expenses:</u>	 <u>1964</u>
Principal Investigator	
Gerald W. Thomas -----	\$ 600.00(a)
Research Assistant	
-----	-0-
Student Assistant and/or Part-time Help -----	-0-
Maintenance, Equipment and Travel -----	<u>-0-</u>
Total Estimated Expenses -----	<u><u>\$ 600.00</u></u>

(a) Contract dated from March 1, 1964, through August 31, 1964.

TEXAS TECHNOLOGICAL COLLEGE
Department of Chemistry
AFOSR Center for Molecular Research
For the period, September 1, 1963, through August 31, 1964

<u>Estimated Income:</u>		<u>1963-64</u>
Estimated Balance on September 1, 1963 -----		\$ 12,414.58
Air Force Office of Scientific Research, Grant No. AF-AFOSR-23-63 -----		34,500.00
Total Estimated Income -----		<u>\$ 46,914.58</u>
<u>Estimated Expenses:</u>		<u>1963-64</u>
Principal Investigator		
Henry J. Shine (3 months) -----		\$ 3,833.00(a)
Post-doctoral Fellows		
Horst Kurt Seeger (4 months) -----		2,100.00(b)
Guey Shuang Wu (10 months) -----		4,166.67(c)
_____ (7 months) -----		3,791.62(d)
Pre-doctoral Fellows		
Charles Franklin Dais (12 months) -----		3,000.00(e)
Robert James Small (12 months) -----		2,800.00(e)
_____ (7 months) -----		1,633.31(f)
_____ (7 months) -----		1,633.31(f)
OASI (3.625%) -----		832.57
Maintenance, Equipment and Travel -----		17,004.80
Indirect Cost (15% Overhead) -----		<u>6,119.30(g)</u>
Total Estimated Expenses -----		<u>\$ 46,914.58</u>

- (a) June 1, 1964, through August 31, 1964.
(b) September 1, 1963, through December 31, 1963.
(c) November 1, 1963, through August 31, 1964, at annual rate of \$5,000.00.
(d) February 1, 1964, through August 31, 1964, at annual rate of \$6,500.00.
(e) September 1, 1963, through August 31, 1964.
(f) February 1, 1964, through August 31, 1964, at annual rate of \$2,800.00.
(g) Based on \$40,795.28 as 100% operating funds; may need adjustment later to exclude permanent equipment from overhead as per agreement with the A.F.O.S.R. (June 27, 1962).

TEXAS TECHNOLOGICAL COLLEGE
Department of Agronomy and Range Management
Project: "Welder Wildlife Foundation Cooperative
Research in Range Management"
For the Period, February 1, 1964, through January 31, 1965

<u>Estimated Income:</u>	<u>1964-65</u>
Welder Wildlife Foundation, Sinton, Texas -----	<u>\$2,800.00</u>
Total Estimated Income -----	<u>\$2,800.00</u>
 <u>Estimated Expenses:</u>	 <u>1964-65</u>
Principal Investigator	
Thadis Wayne Box -----	\$ -0-
Pre-doctoral Fellowship	
Albert Dean Chamrad -----	\$1,400.00(a)
-----	1,000.00(b)
Student Assistants and/or Part-time Help -----	-0-
OASI -----	-0-
Maintenance, Equipment and Travel -----	<u>400.00(c)</u>
Total	<u>\$2,800.00</u>

- (a) Fellowship for the period February 1, 1964, through August 31, 1964.
(b) Fellowship for the period September 1, 1964, through January 31, 1965.
(c) Allocation for travel -- \$400.00.

TEXAS TECHNOLOGICAL COLLEGE
Department of Chemistry
Project: "A Thermochemical Study of Some Acids and Bases in
Fused Onium Salts"
For the Period, May 1, 1964, through April 30, 1965

<u>Estimated Income:</u>	<u>1964-65</u>
Estimated Balance on May 1, 1964 -----	\$ -0-
The Robert A. Welch Foundation Grant No. D-075 -----	<u>15,000.00</u>
Total Estimated Income -----	<u>\$15,000.00</u>

<u>Estimated Expenses:</u>	<u>1964-65</u>
Principal Investigator	
Wesley William Wendlandt -----	\$ 3,533.00(a)
Pre-doctoral Fellowship	
Thomas Martin Southern -----	2,925.00(b)
-----	375.00
-----	3,300.00
OASI -----	-0-
Maintenance, Equipment and Travel -----	2,912.00(c)
Indirect Cost (Overhead) -----	<u>1,955.00</u>
Total -----	<u>\$15,000.00</u>

- (a) Contract to be dated from June 1, 1964, through August 31, 1964.
(b) Salary rate June 16, 1964, through September 15, 1964, \$350.00 per month; September 16, 1964, through April 30, 1965, \$250.00 per month.
(c) Allocation for travel -- \$100.00.

TEXAS TECHNOLOGICAL COLLEGE
Department of Chemistry
Project: "Synthesis of Complex Compounds of Rhenium"
For the Period, May 1, 1964, through April 30, 1965

<u>Estimated Income:</u>	<u>1964-65</u>
Estimated Balance on May 1, 1964 -----	\$ -0-
The Robert A. Welch Foundation Grant No. D-097 -----	<u>\$15,000.00</u>
Total Estimated Income -----	<u>\$15,000.00</u>
 <u>Estimated Expenses:</u>	 <u>1964-65</u>
Principal Investigator	
Richard John Thompson -----	\$ 2,633.00(a)
Pre-doctoral Fellowship	
-----	2,600.00(b)
James Luther Booker -----	2,600.00(b)
Ronald Henry Gore -----	2,600.00(b)
Maintenance, Equipment and Travel -----	2,610.48(c)
Indirect Cost (Overhead) -----	<u>1,956.52</u>
Total Estimated Expenses -----	<u>\$15,000.00</u>

(a) This salary based upon a salary rate of \$7,900.00 for 9 months.
This contract dated June 1, 1964, through August 31, 1964.
(b) For 12 months.
(c) Allocation for travel -- \$400.00.

TEXAS TECHNOLOGICAL COLLEGE
Department of Biology
Project: 'A Taxonomic and Biological Survey
of the Parasitic Gamasid Mites'
For the Period, December 1, 1963, through November 30, 1964

<u>Estimated Income:</u>	<u>1963-64</u>
Estimated Balance on December 1, 1963 -----	\$ 240.00
National Institutes of Health (Grant AI00616-11) -----	8,560.00
Total Estimated Income -----	<u>\$8,800.00</u>

<u>Estimated Expenses:</u>	<u>1963-64</u>
Principal Investigator	
Russell William Strandtmann -----	\$3,961.00(a)
Research Assistant	
-----	\$1,000.00(b)
Student Assistant and/or Part-time Help -----	894.00
OASI -----	69.00
Maintenance, Equipment and Travel -----	1,760.00
Indirect Cost (Overhead) -----	<u>1,116.00</u>
Total Estimated Expenses -----	<u>\$8,800.00</u>

(a) Contract to be dated from June 13, 1964, through September 15, 1964.
(b) For the summer of 1964.

TEXAS TECHNOLOGICAL COLLEGE
Department of Biology
Project: 'Experimental Systematics in the Lizard Genus Uta'
For the Period, January 1, 1964, through December 31, 1964

<u>Estimated Income:</u>	<u>1964</u>
National Science Foundation Grant GB-1815 -----	<u>\$8,806.00</u>
Total Estimated Income -----	<u>\$8,806.00</u>
 <u>Estimated Expenses:</u>	 <u>1964</u>
Principal Investigator	
Donald Ward Tinkle -----	\$1,045.00(a)
Research Assistant	
_____ -----	\$2,000.00(b)
_____ -----	900.00(c)
OASI -----	143.00
Maintenance, Equipment and Travel -----	3,250.00(d)
Indirect Cost (20% Overhead) -----	<u>1,468.00</u>
Total Estimated Expenses -----	<u>\$8,806.00</u>

- (a) Contract to be dated from August 16, 1964, through September 15, 1964.
- (b) One-half time for the period January 1, 1964, through June 15, 1964, at a salary of \$1,100.00 and one-half time from September 1, 1964, through December 31, 1964 at a salary of \$900.00.
- (c) Full time from June 1, 1964, through August 31, 1964.
- (d) Budgeted allocation for travel -- \$1,200.00.

TEXAS TECHNOLOGICAL COLLEGE
Department of Chemistry
Project: "Heterocyclic Nitrogen Containing Ligands"
For the Period, May 1, 1964, through April 30, 1965

<u>Estimated Income:</u>	<u>1964-65</u>
Estimated Balance on May 1, 1964 -----	\$ 3,000.00
The Robert A. Welch Foundation Grant No. D-094 -----	<u>12,475.00</u>
Total Estimated Income -----	<u>\$15,475.00</u>
 <u>Estimated Expenses:</u>	 <u>1964-65</u>
Principal Investigator	
Fred Charles Trusell -----	\$ 2,633.00(a)
Pre-doctoral Fellowship	
Mary Catherine Weis -----	2,800.00
-----	2,800.00
Maintenance, Equipment and Travel -----	5,676.10(b)
Indirect Cost (Overhead) -----	<u>1,565.90</u>
Total Estimated Expenses -----	<u>\$15,475.00</u>

- (a) This salary is based upon a salary rate of \$7,900.00 for 9 months.
This contract dated June 1, 1964, through August 31, 1964.
- (b) Budgeted allocation for travel -- \$400.00.

TEXAS TECHNOLOGICAL COLLEGE
Department of Chemistry
Project: 'Electron Paramagnetic Resonance Studies
of Some Inorganic Compounds"
For the Period, May 1, 1964, through April 30, 1965

<u>Estimated Income:</u>	<u>1964-65</u>
Estimated Balance, May 1, 1964 -----	\$ -0-
The Robert A. Welch Foundation Grant No. D-121 -----	<u>15,000.00</u>
Total Estimated Income -----	<u>\$15,000.00</u>
 <u>Estimated Expenses:</u>	 <u>1964-65</u>
Principal Investigator	
Harry George Hecht -----	\$ 2,700.00(a)
Pre-doctoral Fellowship	
Theron Scott Johnston -----	2,600.00(b)
-----	2,600.00
Maintenance, Equipment and Travel -----	5,143.48(c)
Indirect Cost (Overhead) -----	<u>1,956.52</u>
Total Estimated Expenses -----	<u>\$15,000.00</u>

- (a) Based upon a salary rate of \$8,100.00 for 9 months. Contract dated from June 1, 1964, through August 31, 1964.
(b) Contract dated May 1, 1964, through April 30, 1965.
(c) Budgeted allocation for travel -- \$250.00.

TEXAS TECHNOLOGICAL COLLEGE
Department of Chemistry
Project: "Active Center of Pyridoxal Phosphate-Containing Enzymes"
For the Period May 1, 1964, through April 30, 1965

<u>Estimated Income:</u>	<u>1964-65</u>
Estimated Balance, May 1, 1964 -----	\$ -0-
The Robert A. Welch Foundation Grant D-117 -----	<u>\$12,000.00</u>
Total Estimated Income -----	<u>\$12,000.00</u>
 <u>Estimated Expenses:</u>	 <u>1964-65</u>
Principal Investigator	
John Arthur Anderson -----	\$ 2,633.00(a)
Pre-doctoral Fellowship	
Mrs. Hsia-fei Wang Chang -----	2,800.00
Maintenance, Equipment and Travel -----	5,002.00(b)
Indirect Cost (Overhead) -----	<u>1,565.00</u>
Total Estimated Expenses -----	<u>\$12,000.00</u>

- (a) Based upon a salary rate of \$7,900.00 for 9 months. Contract for the period June 1, 1964, through August 31, 1964.
(b) Budgeted allowance for travel -- \$200.00.

TEXAS TECHNOLOGICAL COLLEGE
Department of Chemistry
Project: "Infrared Studies of Free Radicals and
Reactive Fragments at 4.2°K"
For the Period, May 1, 1964, through April 30, 1965

<u>Estimated Income:</u>	<u>1964-65</u>
The Robert A. Welch Foundation Grant No. D-148 -----	<u>\$15,000.00</u>
Total Estimated Income -----	<u>\$15,000.00</u>
 <u>Estimated Expenses:</u>	 <u>1964-65</u>
Principal Investigator	
Richard Edward Wilde, Jr. -----	\$ 2,400.00(a)
Pre-doctoral Fellowship	
-----	700.00(b)
OASI -----	14.50
Maintenance, Equipment and Travel -----	9,928.98(c)
Indirect Cost (Overhead) -----	<u>1,956.52</u>
Total Estimated Expenses -----	<u>\$15,000.00</u>

(a) This salary is based upon a salary rate of \$7,200.00 for 9 months.
This contract dated June 1, 1964, through August 31, 1964.
(b) For 3 months.
(c) Budgeted allocation for travel -- \$250.00.

TEXAS TECHNOLOGICAL COLLEGE
Department of Chemistry
Project: "Hydrocarbon Oxidation and the Reactions of
Acyloxy Radicals"
For the Period, May 1, 1964, through April 30, 1965

<u>Estimated Income:</u>	<u>1964-65</u>
Estimated Balance, May 1, 1964 -----	\$ 6,500.00
The Robert A. Welch Foundation Grant No. D-028 -----	<u>15,000.00</u>
Total Estimated Income -----	<u>\$21,500.00</u>
 <u>Estimated Expenses:</u>	 <u>1964-65</u>
Principal Investigator	
Henry Joseph Shine -----	\$ -0-
Post-doctoral Fellowship	
Colin Harris -----	6,500.00
Robert Ernest Spillettt -----	6,500.00
OASI -----	214.00
Maintenance, Equipment and Travel -----	6,329.00
Indirect Cost (Overhead 15%) -----	<u>1,957.00</u>
Total Estimated Expenses -----	<u>\$21,500.00</u>

Report of W. H. Butterfield, Vice President for Development, to Texas Tech
Board of Directors, February 15, 1964

Thank you, Mr. Chairman:

I welcome the opportunity to present to the Board this morning several summaries of our Development activities. Among these summaries is one showing our total receipts for the 1963 calendar year, and also (for purposes of comparison) one that covers the year 1962.

Of course I am glad to report to you that our 1963 receipts of \$784,591 represent a 22% increase over the 1962 receipts of \$638,048. To mean very much, however, any information about receipts or percentage of gain must be related to the other side of the equation -- the cost involved.

You also have before you this morning a summary of total receipts and expenses of the Texas Tech Development Program during the five-year period that this program has been in operation -- from 1959 through 1963. You will notice that receipts are reported by calendar years, while expenses are reported on a fiscal-year basis. So the twelve-month periods for receipts and expenses do not coincide exactly; they lack four months of being identical periods. But I believe they correspond closely enough to give you a clear picture of the relationship between our receipts and our expenses during the past five years of Development activity.

The total cost figure of \$95,802 represents all expenses, including salaries, travel, office supplies and equipment, postage, telephone, and so on. The total income figure of \$2,763,258 does not include grants from Federal agencies; nor does it include the appraised value of any gifts in kind (such as art objects, books, laboratory equipment, or cattle). In these respects our system of reporting gift income differs from that of many colleges and universities.

It must be pointed out, in the interests of accurate reporting, that our Development efforts cannot be credited with producing this entire income by any manner of means. For example, very substantial research grants from the Robert A. Welch Foundation account for a substantial part of our total income figure -- and the Development program had nothing to do with bringing about these grants. They were made because of the capacity and special qualifications of individual faculty members to carry out research studies in specific areas.

It is also true that many of our scholarship grants would have come to Tech whether we had a Development Office or not. More and more, however, we are gaining new scholarship programs that are the result of our own efforts.

And our own efforts are entirely responsible, of course, for the financial support we have received for such physical facilities as the new College Library, the Killgore Beef Cattle Center, and the new Speech Building -- as well as for projects of many other kinds.

During the brief time we have for this report, I should like to touch upon four main areas of gift support that make up the great bulk of our program at Tech. They represent, in fact, the four main functions of most college and university foundations and Development programs at state institutions.

One of the standard annual projects of all such foundations is the solicitation of funds for scholarships, fellowships, and student loans. During the five-year period beginning with the calendar year 1959 and closing with the calendar year 1963, we have made substantial headway toward increasing our annual income from gifts and grants for these purposes.

Our receipts for scholarships, fellowships, and student loans were:

\$50,420	in 1959
63,234	in 1960
76,781	in 1961
76,714	in 1962
84,037	in 1963

During these five consecutive calendar years, total funds amounting to \$351,186 have provided approximately 1,100 grants for scholarships, fellowships, and student loans at Texas Tech. These grants have ranged all the way from \$1,200 down to \$100 for a full school year. They have averaged about \$320 per grant.

Another continuing project each year is the solicitation of gifts and grants for faculty research. We must depend heavily upon research grants from private sources, and most of these grants have been made for projects designated by the donors. As you can see from the summaries of gift income for 1962 and 1963, we received \$92,587 in grants for specific research projects in 1962 -- and \$123,912 for specific research projects in 1963.

For the past five years we have been working to supplement grants of this type with research funds that can be used with greater flexibility. Through the Institute of Science and Engineering we have received a total of \$78,250 over a five-year period, as shown in the Institute of Science and Engineering summary that you have before you this morning. With the summary is a tabulation -- both in total contributions and in a year-by-year breakdown of gift support -- of the sources from which the income of \$78,250 has been received.

Gifts and grants to the Institute have not increased in volume as we had hoped they would, but we shall continue our efforts to strengthen this program.

Another important area of college and university foundation activities -- and to a greater extent at Texas Tech than at most other institutions -- is gift solicitation for the construction of physical facilities. Most of the foundations at state schools limit this activity to projects that lie beyond the category of basic educational needs. In other words, fund campaigns for capital purposes are usually confined (at state institutions) to projects for which state funds are not normally available.

At Texas Tech, however, we have been involved in fund raising to supplement the resources available for such basic needs as the new College Library and the Speech Clinic wing of the new Speech Building. Projects of this type are the most difficult of all, since many prospective donors regard them as the responsibility of the state.

Another summary before you this morning shows the total gift support we have received during the past five years for the construction of physical facilities. In addition to the sum of \$1,277,432 received for such purposes from 1959 through 1963, you will see from the summary that substantial additions to this total are assured during 1964. In fact, our 1964 receipts already include an additional \$134,937 for the Killgore Beef Cattle Center.

The fourth basic area of gift promotion through the Texas Tech Foundation -- as in the case of most other foundations at state schools -- seeks to provide funds for library acquisitions. These funds are needed for the purchase of rare books and special collections that state appropriations do not provide.

Our first notable success in this area was achieved last fall, when our College Library acquired a widely-known collection on the History of Science. This collection numbers among its more than 1,400 volumes many original editions by such great scholars and thinkers as Euclid, Archimedes, Copernicus, Kepler, Galileo, Newton, Roentgen, Einstein, Pasteur, and many others.

The collection was purchased from Walter J. Johnson, Inc., New York rare book dealers, for \$62,000. Mr. Johnson himself had spent more than twenty years in assembling it, and he required an agreement on our part that Texas Tech will keep it intact. Incidentally, after making a firm commitment to sell the collection to Texas Tech for \$62,000, Mr. Johnson received an offer of \$76,000 from a book retailer who had an opportunity to sell it piecemeal to private collectors for \$100,000.

This important acquisition was made possible by a gift of \$32,500 in 1963 from Mrs. J. A. Koger, of Lubbock. Early in 1964 she made a further contribution of \$10,000, providing in all more than two-thirds of the purchase price. The volumes have been received from New York in excellent condition, and they now comprise the Koger History of Science Collection in the College Library.

And now, in concluding this report, I want to mention a few public-relations aspects of our Development activities. A vital part of such work, at Texas Tech or any other institution, is the building of good will on the part of donors and prospective donors. Of course a spirit of good will toward the institution is a necessary forerunner of gift solicitation. It can also be a valuable by-product long after the solicitation has been successfully completed.

But a common weakness of college and university fund programs is the tendency to regard a gift transaction as closed when the donor has been thanked for his contribution. Too often a letter of appreciation marks the end of the relationship with a donor.

In our program at Tech, we try to maintain a continuing contact with every major contributor -- and, as far as possible, with small contributors as well. Each donor, regardless of the size of his gift, receives a personal letter of thanks. We use no printed cards or forms. Every letter is completely personalized and individually typed.

Later on, whenever a suitable occasion can be found, we write follow-up letters to donors:

letting them know in some cases of the successful completion of a project to which they have contributed, and thanking them again for their part in its success;

or telling a substantial contributor exactly how his gift has been used, and precisely what benefits it has provided for the College;

or using the "year-end" approach, toward the end of December, to thank a donor for his part in the progress of Texas Tech during that particular year.

These are just a few of the many opportunities to maintain contact with contributors -- to let them know that their support is remembered and appreciated long after their checks have been cashed.

This procedure takes time, but it "pays off" in terms of good will and further gifts from the same contributor. One of the most important jobs we can do at Tech is to make our friends feel that they are a part of this institution.

At the next meeting of this Board, to be held April 11, I shall have a brief report on total income from gifts and grants for the first quarter of 1964 -- covering January, February, and March. Today I shall merely report that our 1964 receipts, from January 1 through February 14, amount to \$168,445. This beginning is most encouraging, and it points to a highly productive year in 1964.

C O P Y

GIFTS, GRANTS AID

MANY TECH PROJECTS

During the past $4\frac{1}{2}$ years--from January 1, 1959 through June 30, 1963--total gifts and grants received through the Texas Tech Foundation have amounted to \$2,363,382.74. This information was released July 1 by W. H. Butterfield, Vice President for Development. "By the close of the 1963 calendar year," he said, "total receipts are expected to exceed \$2,600,000 for the full five-year period since the Foundation was reactivated on January 1, 1959."

These figures reflect the rapid growth of Tech's gift-solicitation and gift-receiving agency, which now has a counterpart at almost every state-supported college and university in the nation. The purpose of the Texas Tech Foundation, like that of similar organizations at other state institutions, is to supplement state appropriations with gifts from private sources.

Funds received through the Foundation are used for many purposes. Gifts and grants provide support, in whole or in part, for numerous research projects carried on by members of the Tech faculty and staff. More than \$315,000 has been earmarked by donors for various research projects during the $4\frac{1}{2}$ -year period ended June 30.

RECEIPTS FROM GIFTS AND GRANTS THROUGH TEXAS TECH FOUNDATION DURING 1962 CALENDAR YEAR (from January 1, 1962, through December 31, 1962)

Supplementary Building Fund for College Library -----	\$ 95,795.00
Specific Research Projects Designated by Donors -----	92,587.79
Institute of Science and Engineering -----	17,437.50
Educational Television -----	40,250.20
Killgore Beef Cattle Center at Texas Tech Research Farm ---	100,000.00
Laboratory Temperature Control, Textile Research Laboratory	10,000.00
Scholarships, Fellowships, and Student Loans -----	76,714.42
Scholarship and Student Loan Endowment Funds -----	1,913.50
Cost-of-Education Grants to Specific Departments -----	8,050.00
Book Acquisition Funds -----	2,255.00
West Texas Museum -----	5,000.00
PanTech P.R.I. Beef Breeders Assistantship in Animal	
Husbandry -----	2,000.00
Home Economics Instructional Materials Project -----	4,000.00
Texas Tech Speech Clinic -----	960.32
Supplementary Building Fund for Speech Building -----	1,325.00
Athletic Dormitories and Scholarships (from Red Raider	
Club) -----	77,349.40
Red Raider Club -----	7,690.83
Stadium Expansion Project (from seat-option payments) ----	26,671.66
Christmas Lighting of Texas Tech Campus -----	1,910.50
Grants toward School or Departmental Publications -----	1,132.15
Texas Tech Foundation Special Fund (for use by President of	
College) -----	750.00
Income from McClellan Property -----	2,134.04
Unrestricted Funds -----	3,424.00*
Unallocated Funds -----	57,937.50**
Miscellaneous -----	760.00
Total	\$638,048.81

* Includes stock valued at \$1,300.00

**Includes stock valued at \$32,937.50

Other grants provide scholarships, fellowships, and student loans each year for worthy students who need financial aid to continue their education. Funds contributed for these purposes during the past $4\frac{1}{2}$ years have amounted to more than \$290,000. The average scholarship provided through gifts and grants is approximately \$250 for the full school year.

Further contributions through the Texas Tech Foundation supplement state funds available for construction of new campus facilities. Examples during the past $4\frac{1}{2}$ years include gifts and pledges of more than \$225,000 toward construction of the new Texas Tech Library, grants and commitments of \$23,500 toward the \$28,000 needed for the Speech and Hearing Clinic wing of the Speech Building now under construction, a single grant of \$45,000 toward the cost of an addition to the Textile Engineering Building, and a grant of \$10,000 for a temperature-control system in the Textile Research Laboratory.

The largest grant in the history of the Texas Tech Foundation was made by the Killgore Foundation of Amarillo, at the close of 1961. Amounting to \$500,000, this grant will provide the Killgore Beef Cattle Center at the Texas Tech Research Farm, Pantex. Now under construction, these facilities will be completed early in 1964 as a memorial to the late Florence Lee and C. L. Killgore pioneers in Texas Panhandle ranching.

Grants received through the Texas Tech Foundation have also made possible the College educational television station, KTXT-TV, which began its service in October, 1962. Total contributions toward the educational television project since January 1, 1959, have amounted to \$70,000.

Gifts to the Texas Tech Foundation also provide teaching materials and Library acquisitions for which state funds are not available. Notable recent examples have been the facsimile edition of the famous Gutenberg Bible, the Arts of the United States collection of 1,500 colored slides, an excellent collection of books on religion, and a nationally-known History of Science collection of 1,010 volumes.

The largest total sum of gifts and grants ever received through the Texas Tech Foundation in a single year was recorded in 1962, when receipts amounted to \$638,048.81. A summary of these receipts is shown on page 20. Total receipts through the Foundation for the first half of 1963 (January 1 through June 30) amount to \$384,716.05.

The Board of Directors of the Texas Tech Foundation is made up of 45 elected members and eight ex-officio members. Each director elected to the Board serves for six years and is eligible for re-election. Ex-officio directors are the president of the College, the dean of each school, and the president of the Texas Tech Ex-Students Association.

Officers of the Foundation Board elected May 4 to serve until its 1964 spring meeting are Retha R. Martin, Lubbock, Chairman; J. F. Maddox, Hobbs, New Mexico, Vice Chairman; and Mrs. Roscoe Wilson, Lubbock, Secretary.

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C O P Y

RECEIPTS FROM GIFTS AND GRANTS THROUGH TEXAS TECH FOUNDATION DURING 1963 CALENDAR YEAR

(from January 1, 1963, through December 31, 1963)

Scholarships, Fellowships, and Student Loans	\$ 84,037.58
Scholarship, Fellowship, and Student Loan Endowment Funds	16,643.00
Research Projects Designated by Donors	123,912.24
Institute of Science and Engineering	16,812.50
Educational Television	40,336.00
Killgore Beef Cattle Center at Texas Tech Research Farm	300,000.00
Book Acquisition Funds	33,664.05
Supplementary Building Fund for College Library	2,000.00
Supplementary Building Fund for Speech Building	20,655.00
Texas Tech Speech Clinic	213.00
Home Economics Instructional Materials Project	3,000.00
Pete Cawthon Memorial Award	827.00
Christmas Lighting of Texas Tech Campus	2,340.50
West Texas Water Conference	300.00
National Collegiate Soil Judging Contest	275.00
Cost-of-Education Grants to College and to Specific Departments	13,539.00
Athletic Dormitories and Scholarships (from Red Raider Club)	89,065.67
Stadium Expansion Project (from seat-option payments)	20,294.50
Texas Tech Foundation Special Fund (for use by President of College)	1,275.00
Unrestricted Funds	894.00
Unallocated Funds	11,681.25*
Income from McClellan Property	2,303.52
Miscellaneous	522.99
Total	\$ 784,591.80

*Gift of stock listed at market value.

RECEIPTS AND EXPENSES OF TEXAS TECH DEVELOPMENT PROGRAM, 1959 THROUGH 1963

<u>Calendar Year</u>	<u>Total Receipts</u>	<u>Fiscal Year</u>	<u>Total Expenses</u>
1959	\$ 492,878.25	Sept. 1, 1958 - Aug. 31, 1959	\$ 14,442.61
1960	505,941.88	Sept. 1, 1959 - Aug. 31, 1960	19,433.15
1961	341,797.75	Sept. 1, 1960 - Aug. 31, 1961	19,473.67
1962	638,048.81	Sept. 1, 1961 - Aug. 31, 1962	21,277.15
1963	784,591.80	Sept. 1, 1962 - Aug. 31, 1963	21,175.79
Total	\$ 2,763,258.49	Total	\$ 95,802.37

February 5, 1964

INSTITUTE OF SCIENCE AND ENGINEERING

Total gifts received in 1959	\$ 5,000.00
Total gifts received in 1960	17,500.00
Total gifts received in 1961	21,500.00
Total gifts received in 1962	17,437.50
Total gifts received in 1963	16,812.50
<hr/>	
Total gifts received, 1959 through 1963	\$ 78,250.00

February 5, 1964

Receipts of INSTITUTE OF SCIENCE AND ENGINEERING, 1959-1963

<u>Contributor</u>	<u>Amount</u>
Betha R. Martin Foundation	\$ 16,000.00
Harvest Queen Mill & Elevator Company	15,000.00
Pioneer Natural Gas Company	15,000.00
Burr Foundation	10,000.00
Hubbuck Clearing House Association (all five member banks making proportionate contributions)	10,000.00
Mr. J. F. Maddox (includes contribution of \$1,000.00 from New Mexico Electric Service Co.)	3,000.00
avalanche-Journal Publishing Company	2,000.00
Correst Foundation	1,500.00
Mr. S. C. Arnett, Jr.	1,000.00
ott Foundation	1,000.00
hop Rite Foods, Inc.	1,000.00
exas Instruments, Inc.	1,000.00
lyde Foundation, Inc.	750.00
est Texas Compress & Warehouse Company	500.00
Mr. Harris F. Underwood	500.00
<hr/>	
Total	\$ 78,250.00

C O P Y

February 5, 1964

INSTITUTE OF SCIENCE AND ENGINEERING

Gifts and grants received in 1959

Harvest Queen Mill & Elevator Co.	\$ 5,000.00	
		<u>\$ 5,000.00</u>

Gifts and grants received in 1960

Harvest Queen Mill & Elevator Co.	\$ 5,000.00	
Pioneer Natural Gas Company	5,000.00	
Retha R. Martin Foundation	2,500.00	
Furr Foundation	5,000.00	
		<u>\$ 17,500.00</u>

Gifts and grants received in 1961

Retha R. Martin Foundation	\$ 5,000.00	
(two grants of \$2,500.00 each)		
Lubbock Clearing House Association . . .	5,000.00	
(all five member banks making proportionate contributions)		
Avalanche-Journal Publishing Co.	2,000.00	
Forrest Foundation	1,500.00	
Pioneer Natural Gas Company	5,000.00	
Texas Instruments, Inc.	1,000.00	
Mr. J. F. Maddox	1,000.00	
Dr. S. C. Arnett, Jr.	1,000.00	
		<u>\$ 21,500.00</u>

Gifts and grants received in 1962

Furr Foundation	\$ 5,000.00	
Mr. J. F. Maddox	1,000.00	
*Lubbock Clearing House Association . . .	2,687.50	
Retha R. Martin Foundation	5,000.00	
(two grants of \$2,500.00 each)		
Shop Rite Foods, Inc.	1,000.00	
Lott Foundation	1,000.00	
Clyde Foundation, Inc.	750.00	
West Texas Compress & Warehouse Co. . . .	500.00	
Mr. Harris F. Underwood	500.00	
		<u>\$ 17,437.50</u>

Gifts and grants received in 1963

Pioneer Natural Gas Company	\$ 5,000.00	
*Lubbock Clearing House Association . . .	2,312.50	
Harvest Queen Mill & Elevator Co.	5,000.00	
Retha R. Martin Foundation	3,500.00	
(grants of \$2,500.00 and \$1,000.00)		
New Mexico Electric Service Co.	1,000.00	
		<u>\$ 16,812.50</u>

(Mr. J. F. Maddox)

*Part of total grant of \$5,000.00 made by Lubbock Clearing House Association for 1962-63 school year. Payment of this grant was divided between the 1962 calendar year and 1963 calendar year.

February 14, 1964

CONTRIBUTIONS RECEIVED THROUGH TEXAS TECH FOUNDATION FOR PHYSICAL FACILITIES
(from January 1, 1959, through December 31, 1963)

Expansion of Jones Stadium (funds received in seat-option payments)	\$ 634,932.18
Additional seat-option payments of \$1,666.00 have been received in 1964, and further pledges of \$14,704.53 are still to be paid on the installment plan.	
Addition to Textile Engineering Building	45,000.00
Air-Conditioning of Textile Research Laboratory	10,000.00
Supplementary Building Fund for College Library	165,520.00
Additional pledges of \$50,000.00 are payable in 1964.	
Killgore Beef Cattle Center, Texas Tech Research Farm	400,000.00
Additional funds amounting to \$134,937.00 have been paid in 1964 to complete this project.	
Supplementary Building Fund for Speech Building	21,980.00
Additional funds amounting to \$6,020.00 will be added to this project in 1964.	
Total	\$ 1,277,432.18

TEXAS TECHNOLOGICAL COLLEGE
Request for Organized Research (State-Appropriated) Funds for 1964-65
School of Agriculture

These projects are listed in the order of priority by this school and all are contingent upon the availability of funds.

1964-65 Acct. No.	Title of Project	1963-64 Acct. No.	Total Budget	Principal Investigator	Research Associate	Research Assistant	Student Asst. and/or P-T Help	Maintenance and Equipment	Travel Allowance
_____	Economic Evaluation of Factors Affecting Prices of Feeder Cattle (Williams)	-0-	\$ 500.00	\$ -0-	\$ -0-	\$ -0-	\$ 450.00	\$ 50.00	\$ -0-
_____	Analysis of Agricultural Industries in West Texas with Emphasis on Educational Needs (Eggenberger)	-0-	600.00	-0-	-0-	-0-	500.00	100.00	-0-
_____	The Long-Time Effects of Sewage Effluent on Crops and Soils on the Texas Tech Farm (Harvey)	-0-	1,000.00	-0-	-0-	-0-	700.00	300.00	-0-
_____	A Study of Mineral Transformations and Weathering Processes Occurring During Soil Development on Crystalline Rocks in the Southwest (Allen)	191-4108	4,000.00	1,600.00	-0-	2,400.00	-0-	-0-	-0-
_____	Ecological Studies on the Rangelands of Texas (Box)	191-4109	2,400.00	1,467.00	-0-	-0-	700.00	233.00	-0-
_____	Techniques and Methods for Vegetation Evaluation (Schuster)	-0-	900.00	-0-	-0-	-0-	600.00	300.00	-0-

School of Agriculture (Continued)

1964-65 Acct. No.	Title of Project	1963-64 Acct. No.	Total Budget	Principal Investigator	Research Associate	Research Assistant	Student Asst. and/or P-T Help	Maintenance and Equipment	Travel Allowance
_____	Studies of the Engineering Aspects of Cotton Handling and Conveyance During the Ginning Process (Ulich)	191-4107	\$ 3,200.00	\$ 2,700.00	\$ -0-	\$ -0-	\$ 400.00	\$ 100.00	\$ -0-
_____	Evaluation of Systems Used for Well Recharge into the Ogallala Formation (Schwiesow)	191-4106	3,200.00	2,900.00	-0-	-0-	300.00	-0-	-0-
_____	The Forced Convection Heat Transfer Characteristics of Fluid Dairy Products, Part III (Peeples)	191-4112	800.00	-0-	-0-	-0-	600.00	200.00	-0-
_____	Evaluation and Adaptation of Cotton Insect Control Materials and Methods for the South Plains of Texas (Huddleston)	191-4114	2,100.00	1,317.00	-0-	-0-	400.00	300.00	83.00
_____	Breeding and Evaluation of Garden Chrysanthemums for the Southwest (Zukauckas)	191-4116	2,600.00	-0-	-0-	2,400.00	-0-	200.00	-0-
_____	Biology and Control of the Sorghum Midge (Ashdown)	-0-	2,100.00	1,625.00	-0-	-0-	400.00	75.00	-0-
_____	A Study of Hormone-Induced Twinning in Beef Heifers Under Drylot Conditions (Curl)	-0-	1,600.00	-0-	-0-	-0-	800.00	800.00	-0-

School of Agriculture (Continued)

1964-65 Acct. No.	Title of Project	1963-64 Acct. No.	Total Budget	Principal Investigator	Research Associate	Research Assistant	Student Asst. and/or P-T Help	Maintenance and Equipment	Travel Allowance
-----	TTA-5-44 Standard Versus Intensified Management Practices of Range Type Sheep for Optimum Wool and Fat-Lamb Production (Hudson)	-0-	\$ 500.00	\$ -0-	\$ -0-	\$ -0-	\$ 400.00	\$ 100.00	\$ -0-
-----	An Evaluation of Vegetable Varieties Adapted to the High Plains of Texas (Reed)	191-4115	2,600.00	2,000.00	-0-	-0-	600.00	-0-	-0-
-----	Preliminary Studies: Anatomical and Physiological Studies of the Stem and Aerole of Opuntia (Elle)	-0-	400.00	-0-	-0-	-0-	300.00	100.00	-0-
-----	Factors Affecting Carcass Merit and Palatability Characteristics of the Meat Animal (Zinn)	191-4111	2,400.00	-0-	-0-	-0-	1,600.00	800.00	-0-
-----	The Competitive Marketing Structure for Vegetables Produced on the High Plains of Texas (Welch)	191-4103	<u>2,100.00</u>	<u>1,417.00</u>	<u>-0-</u>	<u>-0-</u>	<u>500.00</u>	<u>183.00</u>	<u>-0-</u>
	TOTAL -----		<u>\$33,000.00</u>	<u>\$15,026.00</u>	<u>\$ -0-</u>	<u>\$4,800.00</u>	<u>\$9,250.00</u>	<u>\$3,841.00</u>	<u>\$83.00</u>

TEXAS TECHNOLOGICAL COLLEGE
Request for Organized Research (State-Appropriated) Funds for 1964-65

School of Arts and Sciences (Sciences - Mathematics)

These projects are listed in the order of priority by this school and all are contingent upon the availability of funds.

1964-65 Acct. No.	Title of Project	1963-64 Acct. No.	Total Budget	Principal Investigator	Research Associate	Research Assistant	Student Asst. and/or P-T Help	Maintenance and Equipment	Travel Allowance
_____	Properties of Isotopes of the Inert Gases (Howe)	-0-	\$ 5,682.13	\$ 1,333.33	\$ -0-	\$ -0-	\$ 675.00	\$ 3,673.80	\$-0-
_____	Research on the Uniformization of Certain Riemann Surfaces (Atchison)	-0-	1,416.00	1,416.00	-0-	-0-	-0-	-0-	-0-
_____	Population Studies of the Fruit Fly <u>Drosophila</u> <u>Melanogaster</u> (Allen)	-0-	4,425.00	1,250.00	-0-	2,675.00	-0-	500.00	-0-
_____	EPR Studies of Phosphor-Chloronitrides (Hecht)	-0-	3,293.15	-0-	-0-	2,675.00	-0-	618.15	-0-
_____	Distribution of Lead Between Coexisting Biotite and Potassium Feldspar (Parry)	-0-	3,471.00	1,166.00	-0-	-0-	700.00	1,605.00	-0-
_____	On the Equivalence Between Linear Differential Equations and H-R Transform Equations (Bassam)	-0-	1,750.00	1,750.00	-0-	-0-	-0-	-0-	-0-
_____	Geologic History of Mound Depression, Lynn and Terry Counties, Texas (Reeves)	-0-	3,461.00	1,154.00	-0-	-0-	600.00	1,677.00	30.00

School of Arts and Sciences (Sciences - Mathematics) (Continued)

1964-65 Acct. No.	Title of Project	1963-64 Acct. No.	Total Budget	Principal Investigator	Research Associate	Research Assistant	Student Asst. and/or P-T Help	Maintenance and Equipment	Travel Allowance
	An Electrometric Method for the Determination of the Acidities of Extremely Weak Acids (Adamcik)	-0-	\$ 1,795.00	\$ -0-	\$ -0-	\$ 675.00	\$ -0-	\$ 1,120.00	\$-0-
	Dispersal of Snails by Migratory Water-fowl (Proctor)	191-4714	1,150.00	-0-	-0-	1,000.00	-0-	150.00	-0-
	Polarization Effects in Diffraction Phenomena (Mann)	-0-	2,441.00	1,466.00	-0-	-0-	975.00	-0-	-0-
	Speciation and Taxonomy of High Plains Pocket Mice (Packard)	191-4713	3,025.00	1,350.00	-0-	675.00	-0-	600.00	400.00
	Nucleo-Cytoplasmic Relationships in Crosses Between Two Geographical Populations of <u>Rana pipiens</u> (Huff)	-0-	4,255.00	1,200.00	-0-	-0-	350.00	2,705.00	-0-
	Resonance Fluorescence of Spin Systems (Berry)	-0-	2,575.00	1,500.00	-0-	675.00	-0-	400.00	-0-
	Evaluation of Zircon Separation Techniques in Petrogenetic Studies (Harris)	-0-	<u>1,900.00</u>	<u>1,450.00</u>	<u>-0-</u>	<u>-0-</u>	<u>300.00</u>	<u>-0-</u>	<u>150.00</u>
	Subtotal -----		<u>\$40,639.28</u>	<u>\$15,035.33</u>	\$ -0-	<u>\$8,375.00</u>	<u>\$3,600.00</u>	<u>\$13,048.95</u>	<u>\$580.00</u>

TEXAS TECHNOLOGICAL COLLEGE
Request for Organized Research (State-Appropriated) Funds for 1964-65
School of Arts and Sciences (Social Sciences - Humanities)

These projects are listed in the order of priority by this school and all are contingent upon the availability of funds.

1964-65 Acct. No.	Title of Project	1963-64 Acct. No.	Total Budget	Principal Investigator	Research Associate	Research Assistant	Student Asst. and/or P-T Help	Maintenance and Equipment	Travel Allowance
_____	Ronald S. Mackenzie and the Settlement of the Indian Problem in the West (Wallace)	191-4317	\$ 1,800.00	\$ -0-	\$ -0-	\$ -0-	\$1,500.00	\$ 300.00	\$-0-
_____	Demographic Change in Texas Economic Areas Four and Five, 1900-1960 (Steglich)	-0-	600.00	-0-	-0-	-0-	360.00	240.00	-0-
_____	The Influences Upon and Sources of Matthew Arnold's Poetry (Brooks)	191-4310	1,816.00	1,516.00	-0-	-0-	200.00	100.00	-0-
_____	The Dynamics of Association and Interaction Among Juvenile Delinquents in the City of Lubbock (Minnis)	191-4320	1,945.00	1,550.00	-0-	-0-	345.00	50.00	-0-
_____	Investigation of Behavioral Methods for Measuring Defense Against Conflict (Swency)	-0-	1,145.00	500.00	-0-	-0-	500.00	145.00	-0-
_____	Unallocated	-0-	1,666.00	1,516.00	-0-	-0-	100.00	50.00	-0-

School of Arts and Sciences (Social Sciences - Humanities) (Continued)

1964-65 Acct. No.	Title of Project	1963-64 Acct. No.	Total Budget	Principal Investigator	Research Associate	Research Assistant	Student Asst. and/or P-T Help	Maintenance and Equipment	Travel Allowance
_____	The Effect of Irradiating the Neuroblasts Upon Susceptibility to Stress in Adult Organisms (White)	-0-	\$ 3,182.00	\$ -0-	\$ -0-	\$2,400.00	\$ 75.00	\$ 707.00	\$-0-
_____	A Check-List of Scottish Poetry, 1700-1900 (Roy)	-0-	2,066.66	1,666.66	-0-	-0-	150.00	250.00	-0-
_____	A History and Analysis of Driver Responsibility in Automobile Accidents, 1948 to Present (Dunn)	-0-	1,960.00	-0-	-0-	-0-	1,610.00	350.00	-0-
_____	Influence of the Southwest on Willa Cather (Wellborn)	-0-	1,400.00	1,300.00	-0-	-0-	-0-	100.00	-0-
_____	European Historiography During the 16th Century (Robbert)	-0-	1,367.00	1,217.00	-0-	-0-	-0-	150.00	-0-
_____	Social Sources of Opinion Consistency: A Test of Hypotheses (Bowles)	-0-	1,367.00	1,167.00	-0-	-0-	150.00	50.00	-0-
_____	A Critical Study of T. S. Eliot's <u>Ash Wednesday</u> (Gillis)	-0-	1,800.00	1,800.00	-0-	-0-	-0-	-0-	-0-

School of Arts and Sciences (Social Sciences - Humanities) (Continued)

1964-65 Acct. No.	Title of Project	1963-64 Acct. No.	Total Budget	Principal Investigator	Research Associate	Research Assistant	Student Asst. and/or P-T Help	Maintenance and Equipment	Travel Allowance
	Mobility Study: A Comparison of 1000 Newcomers to a Community with 1000 Settled Residents (Cartwright)	-0-	\$ <u>1,480.00</u>	\$ <u>1,200.00</u>	\$ <u>-0-</u>	\$ <u>-0-</u>	\$ <u>230.00</u>	\$ <u>50.00</u>	\$ <u>-0-</u>
	Subtotal -----		\$ <u>23,594.66</u>	\$ <u>13,432.66</u>	\$ <u>-0-</u>	\$ <u>2,400.00</u>	\$ <u>5,220.00</u>	\$ <u>2,542.00</u>	\$ <u>-0-</u>
	TOTAL -----		\$ <u>64,233.94</u>	\$ <u>28,467.99</u>	\$ <u>-0-</u>	\$ <u>10,775.00</u>	\$ <u>8,820.00</u>	\$ <u>15,590.95</u>	\$ <u>580.00</u>

TEXAS TECHNOLOGICAL COLLEGE
Request for Organized Research (State-Appropriated) Funds for 1964-65
School of Business Administration

These projects are listed in the order of priority by this school and all are contingent upon the availability of funds.

1964-65 Acct. No.	Title of Project	1963-64 Acct. No.	Total Budget	Principal Investigator	Research Associate	Research Assistant	Student Asst. and/or P-T Help	Maintenance and Equipment	Travel Allowance
_____	Cycle Billing vs. Customer Request Billing (Amason)	-0-	\$ 1,817.00	\$ 1,465.00	\$ -0-	\$ -0-	\$ 300.00	\$ 22.00	\$ 30.00
_____	An Evaluation of the Guatemalan Rural Development Program (Hildebrand)	-0-	1,466.00	1,466.00	-0-	-0-	-0-	-0-	-0-
_____	An Evaluation and Extension of the Theory of Demand Deposit Creation, Expansion and Contraction (Hartley)	-0-	2,400.00	1,333.33	-0-	-0-	866.67	200.00	-0-
_____	A Study of Economics Instruction Offered in Texas High Schools (Gilliam)	-0-	1,755.00	1,600.00	-0-	-0-	100.00	55.00	-0-
_____	Job Evaluation and Definition of Merit for University Teaching Staff (Luchsinger)	-0-	1,150.00	800.00	-0-	-0-	300.00	50.00	-0-
_____	An Analysis of Office Productivity (Pasewark)	-0-	2,200.00	2,050.00	-0-	-0-	100.00	50.00	-0-
_____	Research and Planning of Audio-Visual Instruction of Accounting (Green)	-0-	2,750.00	1,250.00	1,400.00	-0-	100.00	-0-	-0-

School of Business Administration (Continued)

1964-65 Acct. No.	Title of Project	1963-64 Acct. No.	Total Budget	Principal Investigator	Research Associate	Research Assistant	Student Asst. and/or P-T Help	Maintenance and Equipment	Travel Allowance
_____	A Comparison of Financial Controls Used by Municipalities in Texas and Those Financial Controls Used by County Governments in Texas (Taylor)	-0-	\$ 1,800.00	\$ 1,650.00	\$ -0-	\$ -0-	\$ 100.00	\$ 50.00	\$-0-
_____	Generally Accepted Accounting Principles (Rushing)	191-5103	<u>1,041.50</u>	<u>1,041.50</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>
	TOTAL -----		<u>\$16,379.50</u>	<u>\$12,655.83</u>	<u>\$1,400.00</u>	<u>\$ -0-</u>	<u>\$1,866.67</u>	<u>\$427.00</u>	<u>\$ 30.00</u>

TEXAS TECHNOLOGICAL COLLEGE
Request for Organized Research (State-Appropriated) Funds for 1964-65
School of Engineering

These projects are listed in the order of priority by this school and all are contingent upon the availability of funds.

1964-65 Acct. No.	Title of Project	1963-64 Acct. No.	Total Budget	Principal Investigator	Research Associate	Research Assistant	Student Asst. and/or P-T Help	Maintenance and Equipment	Travel Allowance
	Investigation of External Diffusion Effects in Solid Catalyzed Reaction Systems (Gully)	-0-	\$ 6,100.00	\$ 1,900.00	\$ -0-	\$ -0-	\$ 600.00	\$ 3,600.00	\$ -0-
	Investigation on Equilibrium Data on Ternary Systems: Water-Miscible Organic Liquids - Salts - Water (Renard)	191-5401	1,600.00	1,500.00	-0-	-0-	-0-	100.00	-0-
	Salt Water Movement in Fresh Ground Water Reservoirs (Marmion)	-0-	4,517.00	1,850.00	-0-	2,667.00	-0-	-0-	-0-
	Investigations in Solid-State Electronics (Coale)	191-5403	21,913.33	-0-	4,830.00	13,333.33	-0-	3,750.00	-0-
	Development of Objective Estimates of Fatigue (Ayoub)	191-5404	4,400.00	1,433.00	-0-	2,667.00	-0-	300.00	-0-
	Conveyor Theory (Schneider)	191-5405	4,151.00	1,434.00	-0-	2,667.00	-0-	50.00	-0-
	Non-Equilibrium Thermodynamic Processes (Davenport)	191-5406	17,985.00	1,550.00	-0-	6,667.00	500.00	9,268.00	-0-

School of Engineering (Continued)

1964-65 Acct. No.	Title of Project	1963-64 Acct. No.	Total Budget	Principal Investigator	Research Associate	Research Assistant	Student Asst. and/or P-T Help	Maintenance and Equipment	Travel Allowance
_____	Anelasticity of Grain Boundary Sliding (Reis)	191-5407	\$ 4,000.00	\$ -0-	\$ -0-	\$ 2,000.00	\$ -0-	\$ 2,000.00	\$ -0-
_____	An Investigation of the Effect on the Mechanism of Hydraulic Formation Fracturing in Water Injection of a Sand-Face Filter Cake Deposited from Waters Carrying High Colloidal and Solid Suspensions of Organic and/or Inorganic Origins (Johnson)	191-5408	<u>8,033.00</u>	<u>3,300.00</u>	<u>2,733.00</u>	<u>-0-</u>	<u>800.00</u>	<u>1,200.00</u>	<u>-0-</u>
	TOTAL -----		<u>\$72,699.33</u>	<u>\$12,967.00</u>	<u>\$7,563.00</u>	<u>\$30,001.33</u>	<u>\$1,900.00</u>	<u>\$20,268.00</u>	<u>\$ -0-</u>

TEXAS TECHNOLOGICAL COLLEGE
Request for Organized Research (State-Appropriated) Funds for 1964-65
School of Home Economics

These projects are listed in the order of priority by this school and all are contingent upon the availability of funds.

1964-65 Acct. No.	Title of Project	1963-64 Acct. No.	Total Budget	Principal Investigator	Research Associate	Research Assistant	Student Asst. and/or P-T Help	Maintenance and Equipment	Travel Allowance
_____	Predicting Desirable Body Weights of College Students as an Aid in Determining Adiposity as a Possible Health Factor (Kassouny)	-0-	\$ 3,540.00	\$ -0-	\$ -0-	\$2,840.00	\$ 500.00	\$ 200.00	\$ -0-
_____	Examination of Creative Attributes of Primary Children, Grades 1, 2, and 3 (Kincaid)	-0-	2,465.00	1,940.00	-0-	-0-	300.00	225.00	-0-
_____	Certain Effects of Laundering and Exposure to Light on Cotton Clothing Fabrics with Wash-and-Wear Finishes (Petzel)	-0-	3,250.00	2,485.00	-0-	-0-	250.00	515.00	-0-
_____	Performance of Home Economics Majors in Relation to College Entrance and Other Test Scores (Drake)	-0-	2,325.00	2,000.00	-0-	-0-	175.00	150.00	-0-
_____	An Investigation of the Relationship of Parental Attitudes Toward Early Marriage and Incidence of Early Marriage: A Regional Approach (King)	-0-	2,030.00	1,080.00	-0-	-0-	300.00	650.00	-0-

School of Home Economics (Continued)

1964-65 Acct. No.	Title of Project	1963-64 Acct. No.	Total Budget	Principal Investigator	Research Associate	Research Assistant	Student Asst. and/or P-T Help	Maintenance and Equipment	Travel Allowance
	Evaluation of the Use of Commercial Mixes by Urban Families of West Texas: Part I Extent of Use, Cost, Flavor, and Texture (Holden)	-0-	\$ <u>1,383.00</u>	\$ <u>1,283.00</u>	\$ <u>-0-</u>	\$ <u>-0-</u>	\$ <u>100.00</u>	\$ <u>-0-</u>	\$ <u>-0-</u>
	TOTAL -----		\$ <u>14,993.00</u>	\$ <u>8,788.00</u>	\$ <u>-0-</u>	\$ <u>2,840.00</u>	\$ <u>1,625.00</u>	\$ <u>1,740.00</u>	\$ <u>-0-</u>

TEXAS TECHNOLOGICAL COLLEGE

Request for Organized Research (State-Appropriated) Funds for 1964-65

The projects have been arranged by school in the order of priority by schools with tentative budget figures.

The projects and tentative budget figures are being approved contingent upon the availability of funds.

School	Percent of Total Budget	Total Budget	Principal Investigator	Research Associate	Research Assistant	Student Asst. and/or P-T Help	Maintenance and Equipment	Travel Allowance
Agriculture -----	16.39	\$ 33,000.00	\$15,026.00	\$ -0-	\$ 4,800.00	\$ 9,250.00	\$ 3,841.00	\$ 83.00
Arts and Sciences:								
Sciences - Mathematics -----	(20.19)	(40,639.28)	(15,035.33)	(-0-)	(8,375.00)	(3,600.00)	(13,048.95)	(580.00)
Humanities - Social Sciences ---	(11.72)	(23,594.66)	(13,432.66)	(-0-)	(2,400.00)	(5,220.00)	(2,542.00)	(-0-)
Subtotal -----	31.91	64,233.94	28,467.99	-0-	10,775.00	8,820.00	15,590.95	580.00
Business Administration -----	8.14	16,379.50	12,655.83	1,400.00	-0-	1,866.67	427.00	30.00
Engineering -----	36.11	72,699.33	12,967.00	7,563.00	30,001.33	1,900.00	20,268.00	-0-
Home Economics -----	<u>7.45</u>	<u>14,993.00</u>	<u>8,788.00</u>	<u>-0-</u>	<u>2,840.00</u>	<u>1,625.00</u>	<u>1,740.00</u>	<u>-0-</u>
TOTAL -----	<u>100.00</u>	<u>\$201,305.77</u>	<u>\$77,904.82</u>	<u>\$8,963.00</u>	<u>\$48,416.33</u>	<u>\$23,461.67</u>	<u>\$41,866.95</u>	<u>\$693.00</u>
Percentage -----	<u>-0-</u>	<u>100.00</u>	<u>38.70</u>	<u>4.45</u>	<u>24.05</u>	<u>11.65</u>	<u>20.80</u>	<u>.35</u>

TEXAS TECHNOLOGICAL COLLEGE
Request for Organized Research (State-Appropriated) Funds for 1964-65
School of Agriculture
Contingent List

These projects are listed in the order of priority by this school and all are contingent upon the availability of funds.

1964-65 Acct. No.	Title of Project	1963-64 Acct. No.	Total Budget	Principal Investigator	Research Associate	Research Assistant	Student Asst. and/or P-T Help	Maintenance and Equipment	Travel Allowance
_____	Feasibility of Feeding Common Farm Feeds to Channel Catfish (<u>Ictalunus punctatus</u>) in Intensively Stocked Farm Ponds (Box)	-0-	\$ 300.00	\$ -0-	\$ -0-	\$ -0-	\$ 200.00	\$100.00	\$ -0-
_____	Studies on Dry-lot Management and Rations for Beef Cows (Durham)	-0-	800.00	-0-	-0-	-0-	700.00	100.00	-0-
_____	Use of Radiophosphorus in Measuring Root Growth of Cotton (Harvey)	191-4110	400.00	-0-	-0-	-0-	300.00	100.00	-0-
_____	Economies of Rangeland Conservation and Resource Usage in West Texas (Rogers)	-0-	<u>400.00</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>400.00</u>	<u>-0-</u>	<u>-0-</u>
	TOTAL -----		<u>\$1,900.00</u>	\$ <u>-0-</u>	\$ <u>-0-</u>	\$ <u>-0-</u>	<u>\$1,600.00</u>	<u>\$300.00</u>	\$ <u>-0-</u>

TEXAS TECHNOLOGICAL COLLEGE
Request for Organized Research (State-Appropriated) Funds for 1964-65
School of Arts and Sciences (Sciences - Mathematics)
Contingent List

These projects are listed in the order of priority by this school and all are contingent upon the availability of funds.

1964-65 Acct. No.	Title of Project	1963-64 Acct. No.	Total Budget	Principal Investigator	Research Associate	Research Assistant	Student Asst. and/or P-T Help	Maintenance and Equipment	Travel Allowance
_____	Steroid Hydroxylases (Anderson)	-0-	\$ 3,170.00	\$ -0-	\$ -0-	\$ 675.00	\$ -0-	\$ 2,495.00	\$ -0-
_____	The Chemistry of 2,4-Dinitrophenylhydrazones and 2,4-Dinitrophenylpyrazolines (Shine)	191-4717	3,000.00	-0-	-0-	2,675.00	-0-	325.00	-0-
_____	Physical, Chemical and Structural Studies of the Polymorphic Forms of Calcium Orthosilicate in the Marble Canyon Contact Zone (Bridge)	-0-	2,692.00	1,117.00	-0-	675.00	-0-	900.00	-0-
_____	Ecological and Cytological Studies of <u>Claviceps</u> <u>ranunculoides</u> on <u>Setaria</u> <u>macrostachva</u> (Elliot)	-0-	5,417.60	1,383.00	-0-	675.00	1,000.00	2,359.60	-0-
_____	The Properties of the Sodium Oxide-Vanadium Pentoxide System (Draper)	-0-	2,775.00	-0-	-0-	2,675.00	-0-	100.00	-0-

School of Arts and Sciences (Sciences - Mathematics)
Contingent List (Continued)

1964-65 Acct. No.	Title of Project	1963-64 Acct. No.	Total Budget	Principal Investigator	Research Associate	Research Assistant	Student Asst. and/or P-T Help	Maintenance and Equipment	Travel Allowance
	The Boron Requirement of Plants with Special Reference to the Algae (McBride)	-0-	\$ 1,850.00	\$1,250.00	\$ -0-	\$ -0-	\$ -0-	\$ 600.00	\$ -0-
	The Acoustic Spectrometry of Coordination Compounds (Wendlandt)	-0-	<u>4,517.00</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>-0-</u>	<u>4,517.00</u>	<u>-0-</u>
	Subtotal -----		<u>\$23,421.60</u>	<u>\$3,750.00</u>	\$ <u>-0-</u>	<u>\$7,375.00</u>	<u>\$1,000.00</u>	<u>\$11,296.60</u>	\$ <u>-0-</u>

TEXAS TECHNOLOGICAL COLLEGE
Request for Organized Research (State-Appropriated) Funds for 1964-65
School of Arts and Sciences (Social Sciences - Humanities)
Contingent List

These projects are listed in the order of priority by this school and all are contingent upon the availability of funds.

1964-65 Acct. No.	Title of Project	1963-64 Acct. No.	Total Budget	Principal Investigator	Research Associate	Research Assistant	Student Asst. and/or P-T Help	Maintenance and Equipment	Travel Allowance
_____	(1) Aponia and Other Vocal Disturbances in the Works of Arthur Schnitzler (2) <u>An der schonen blauen Donau and the Early Schnitzler (T. Alexander)</u>	-0-	\$ 2,075.00	\$ 1,500.00	\$ -0-	\$ -0-	\$ 300.00	\$ 275.00	\$ -0-
_____	A Scholarly Edition of William Baldwin's <u>A Treatise of Moral Philosophy (1547)</u> (T. Camp)	-0-	2,166.66	1,766.66	-0-	-0-	300.00	100.00	-0-
_____	Unallocated	-0-	2,250.00	2,050.00	-0-	-0-	200.00	-0-	-0-
_____	A Cross-Cultural Comparison of Editorial Cartoons Concerned with the Same Issue of Public Opinion: The Suez Crisis, 1956-57 (Davies)	-0-	1,550.00	1,350.00	-0-	-0-	150.00	50.00	-0-
_____	Obscenity: A Texas Problem? (Garets)	-0-	1,881.00	1,766.00	-0-	-0-	100.00	15.00	-0-
_____	The Role of the Army in the 19th Century French Literature (Simpson)	-0-	1,550.00	1,450.00	-0-	-0-	-0-	100.00	-0-

School of Arts and Sciences (Social Sciences - Humanities)
Contingent List (Continued)

1964-65 Acct. No.	Title of Project	1963-64 Acct. No.	Total Budget	Principal Investigator	Research Associate	Research Assistant	Student Asst. and/or P-T Help	Maintenance and Equipment	Travel Allowance
_____	A Study of Successful and Unsuccessful Attempts at Local Censorship of Ideas in Texas (Rooker)	-0-	\$ 1,650.00	\$ 1,650.00	\$ -0-	\$ -0-	\$ -0-	\$ -0-	\$ -0-
_____	The Political Education of the Military Officer (Kyre)	-0-	1,250.00	1,250.00	-0-	-0-	-0-	-0-	-0-
_____	Growth of Political Consciousness in Africa, 1919-1946 (V= Smith)	-0-	1,800.00	1,500.00	-0-	-0-	-0-	300.00	-0-
_____	A Critical Biography of William Henry Smith (K. Davis)	-0-	1,307.58	1,233.33	-0-	-0-	-0-	74.25	-0-
_____	Defense Expenditures in Texas--Economic and Political Implications (Lawrence)	-0-	1,345.00	1,250.00	-0-	-0-	-0-	95.00	-0-
_____	The Conflict of Hellenic, Hebraic, and Christian Influences and Values in Shakespeare's <u>The Merchant of Venice</u> and <u>Measure for Measure</u> (Bowling)	-0-	<u>1,700.00</u>	<u>1,500.00</u>	<u>-0-</u>	<u>-0-</u>	<u>100.00</u>	<u>100.00</u>	<u>-0-</u>
	Subtotal -----		<u>\$20,525.24</u>	<u>\$18,265.99</u>	\$ -0-	\$ -0-	<u>\$1,150.00</u>	\$ <u>1,109.25</u>	\$ -0-
	TOTAL -----		<u>\$43,946.84</u>	<u>\$22,015.99</u>	\$ -0-	<u>\$7,375.00</u>	<u>\$2,150.00</u>	<u>\$12,405.85</u>	\$ -0-

TEXAS TECHNOLOGICAL COLLEGE
Request for Organized Research (State-Appropriated) Funds for 1964-65
School of Business Administration
Contingent List

These projects are listed in the order of priority by this school and all are contingent upon the availability of funds.

1964-65 Acct. No.	Title of Project	1963-64 Acct. No.	Total Budget	Principal Investigator	Research Associate	Research Assistant	Student Asst. and/or P-T Help	Maintenance and Equipment	Travel Allowance
_____	Generally Accepted Accounting Principles (Rushing) (Additional funds for project on previous list)	191-5103	\$1,391.50	\$1,041.50	\$ -0-	\$ -0-	\$300.00	\$ 50.00	\$ -0-
_____	A Study of Intellective and Non-cognitive Factors Related to Honors Plan Students in Business Administration (Luchsinger)	-0-	<u>1,900.00</u>	<u>1,200.00</u>	<u>-0-</u>	<u>-0-</u>	<u>500.00</u>	<u>200.00</u>	<u>-0-</u>
	TOTAL -----		<u>\$3,291.50</u>	<u>\$2,241.50</u>	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$800.00</u>	<u>\$250.00</u>	<u>\$ -0-</u>

TEXAS TECHNOLOGICAL COLLEGE
Request for Organized Research (State-Appropriated) Funds for 1964-65
School of Engineering
Contingent List

These projects are listed in the order of priority by this school and all are contingent upon the availability of funds.

1964-65 Acct. No.	Title of Project	1963-64 Acct. No.	Total Budget	Principal Investigator	Research Associate	Research Assistant	Student Asst. and/or P-T Help	Maintenance and Equipment	Travel Allowance
_____	Investigations in Electrochemistry (Griffith)	-0-	\$ 5,166.67	\$ -0-	\$ -0-	\$2,666.67	\$-0-	\$2,500.00	\$ -0-
_____	Investigations in Electric Circuit Theory (Seacat)	-0-	<u>5,000.00</u>	<u>-0-</u>	<u>-0-</u>	<u>2,400.00</u>	<u>600.00</u>	<u>2,000.00</u>	<u>-0-</u>
	TOTAL -----		<u>\$10,166.67</u>	\$ <u>-0-</u>	\$ <u>-0-</u>	<u>\$5,066.67</u>	<u>\$600.00</u>	<u>\$4,500.00</u>	\$ <u>-0-</u>

TEXAS TECHNOLOGICAL COLLEGE
Request for Organized Research (State-Appropriated) Funds for 1964-65
School of Home Economics
Contingent List

These projects are listed in the order of priority by this school and all are contingent upon the availability of funds.

1964-65 Acct. No.	Title of Project	1963-64 Acct. No.	Total Budget	Principal Investigator	Research Associate	Research Assistant	Student Asst. and/or P-T Help	Maintenance and Equipment	Travel Allowance
	Further Analyses on the Relationship of Diet of Albino Rats to Irradiation Tolerance (Lamb)	191-5800	\$3,270.00	\$ -0-	\$2,720.00	\$ -0-	\$350.00	\$200.00	\$ -0-
	TOTAL -----		\$3,270.00	\$ -0-	\$2,720.00	\$ -0-	\$350.00	\$200.00	\$ -0-

TEXAS TECHNOLOGICAL COLLEGE
Request for Organized Research (State-Appropriated) Funds for 1964-65
Contingent List

The projects have been arranged by school in the order of priority by schools with tentative budget figures.

School	Total Budget	Principal Investigator	Research Associate	Research Assistant	Student Asst. and/or P-T Help	Maintenance and Equipment	Travel Allowance
Agriculture -----	\$ 1,900.00	\$ -0-	\$ -0-	\$ -0-	\$1,600.00	\$ 300.00	\$ -0-
Arts and Sciences:							
Sciences - Mathematics -----	(23,421.60)	(3,750.00)	(-0-)	(7,375.00)	(1,000.00)	(11,296.60)	(-0-)
Humanities - Social Sciences -----	(20,525.24)	(18,265.99)	(-0-)	(-0-)	(1,150.00)	(1,109.25)	(-0-)
Subtotal -----	43,946.84	22,015.99	-0-	7,375.00	2,150.00	12,405.85	-0-
Business Administration -----	3,291.50	2,241.50	-0-	-0-	800.00	250.00	-0-
Engineering -----	10,166.67	-0-	-0-	5,066.67	600.00	4,500.00	-0-
Home Economics -----	<u>3,270.00</u>	<u>-0-</u>	<u>2,720.00</u>	<u>-0-</u>	<u>350.00</u>	<u>200.00</u>	<u>-0-</u>
TOTAL -----	<u>\$62,575.01</u>	<u>\$24,257.49</u>	<u>\$2,720.00</u>	<u>\$12,441.67</u>	<u>\$5,500.00</u>	<u>\$17,655.85</u>	<u>\$ -0-</u>

UNITED STATES DEPARTMENT OF AGRICULTURE
COOPERATIVE STATE RESEARCH SERVICE
Washington, D.C. 20250

Office of the Administrator

January 14, 1964

AIR MAIL

Dr. R. C. Goodwin
President
Texas Technological College
Lubbock, Texas

Dear Dr. Goodwin:

Enclosed is an executed copy of the Memorandum of Understanding between Texas Technological College and this Service relating to the temporary employment of Dr. Gerald W. Thomas.

I was notified today by the Division of Personnel that Dr. Thomas' appointment at the GS-15 level has been approved and is effective February 10, 1964. He will be contacted direct by that office.

Sincerely yours,

/s/ C. M. Ringuette

C. M. Ringuette
Administrative Officer

Enclosure

cc: Dr. Thomas

C O P Y

MEMORANDUM OF UNDERSTANDING
between the
UNITED STATES DEPARTMENT OF AGRICULTURE
COOPERATIVE STATE RESEARCH SERVICE
and the
TEXAS TECHNOLOGICAL COLLEGE

Board Minutes
February 15, 1964
Attachment No. 17
Page 2

PURPOSE: This memorandum provides an understanding for the interchange of an employee, Dr. Gerald W. Thomas, of the Texas Technological College, hereinafter referred to as the Cooperator, and the United States Department of Agriculture, Cooperative State Research Service, hereinafter referred to as the Service.

AUTHORITY: Public Law 918, 84th Congress, 2nd Session, approved August 2, 1956. (7 U. S. Code 1881-1888)

PROJECT: Review and evaluation of Forage and Range Research.

HEADQUARTERS: Washington, D. C.

SUPERVISION: Dr. Thomas will be under the supervision of Dr. C. L. Lefebvre, Director, Plant Science Division, Cooperative State Research Service.

QUALIFICATIONS

NEEDED: The nature of this work is such that the subject appointee must possess research experience and specialized knowledge embracing complex and varied problems in forage and range research involving seeding, production, harvesting and utilization. The incumbent must have a strong background in genetics, plant ecology and plant physiology. The leader will be responsible for technical leadership in reviewing, coordinating and assisting in planning research in forage crops and range management. The research may be in a single State agricultural experiment station, or involve two or more stations in a region; or national, requiring coordination with the United States Department of Agriculture and other Federal agencies and industry. Frequently he may need to review entire research programs in agronomy and related areas. He will participate in comprehensive reviews of research within a Department, or a problem area involving several departments, and serve as a consulting and coordinating member of regional and national advisory committees. The incumbent will be responsible for reviewing, approving, disapproving and accomplishing modification of proposed Federal-grant projects of State stations, including those involving cooperation with the Department or other State stations.

The subject appointee will critically review and evaluate all the forage and range management projects in the Cooperative State Research Service files, and compile a report for possible publication.

C O P Y

PERSONNEL OF
COOPERATOR:

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Dr. Thomas will be given an excepted appointment by the Service without regard to Civil Service Laws or regulations (without examination and without tenure), for a temporary period (approximately seven months) and extensions thereof not to exceed one year; the aggregate not to exceed two years. However, written concurrence of the Cooperator will be obtained before extension of the appointment beyond seven months.

Dr. Thomas will be paid at rates of compensation in accordance with the Classification Act of 1949, as amended, and his position will be administratively classified.

Service performed by this employee will be covered under the Social Security Old-Age and Survivors Insurance Program and appropriate deductions will be made from his salary.

Employee will not be subject to Federal Employees Group Life Insurance or Federal Employees Health Benefits, and will not be subject to Federal retirement coverage.

Employee will be subject to Federal leave and shall be governed by time and attendance rules contained in Service regulations.

Travel expenses may be paid under Service regulations for officially authorized travel incurred away from the officially designated Federal headquarters of assignment. The Service will not pay travel or transportation expenses incurred in reporting to the location of Federal assignment or for returning from the location of Federal assignment at the conclusion of work under this memorandum of understanding.

If employee is injured in the performance of duty, he is entitled to benefits from the Federal Employees Compensation Act, unless he elects to receive similar benefits from a State agency.

PUBLICATION: Any publications issued as a result of the research conducted under this memorandum of understanding will be published by the Service.

BASIS OF

COOPERATION: This memorandum of understanding is to define in general terms the basis on which the agencies concerned will cooperate, and does not constitute a financial obligation to serve as a basis for expenditures. Each Agency will handle and expend its own funds. Any and all expenditures from Federal funds in the Department of Agriculture made in conformity with the plans

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outlined in this memorandum of understanding must be in accord with Department rules and regulations. The responsibilities assumed by the cooperating parties under this memorandum of understanding are contingent upon funds being available from which expenditures legally may be met.

MEMBER OF
CONGRESS:

No member of or delegate to the Congress of the United States, or resident commissioner, shall be admitted to any share or part of this memorandum of understanding or to any benefit that may arise therefrom; but this provision shall not be construed to extend to this understanding if made with a corporation for its general benefit.

DURATION:

This memorandum of understanding is effective February 1, 1964, and shall continue in effect through January 31, 1966, subject to extension of appointment, unless terminated prior thereto.

UNITED STATES DEPARTMENT OF AGRICULTURE
COOPERATIVE STATE RESEARCH SERVICE

/s/ T. C. Byerly

Administrator

TEXAS TECHNOLOGICAL COLLEGE

/s/ R. C. Goodwin

President

Board Minutes
February 15, 1964
Attachment No. 18
Account No. 391-3305

NATIONAL SCIENCE FOUNDATION
Washington 25, D. C.
January 10, 1964

Dr. R. C. Goodwin, President
Texas Technological College
Lubbock, Texas

GB-1815

Dear Dr. Goodwin:

It is a pleasure to inform you that the sum of \$14,600 is granted by the National Science Foundation to the Texas Technological College for the support of research entitled "Experimental Systematics in the Lizard Genus Uta." This grant is for a period of approximately two years beginning January 1, 1964 under the direction of Donald W. Tinkle, Department of Biology.

As funds are needed to carry out the purpose of this grant, please include your funding requirement in the Monthly Cash Request Form, No. 4-49.

This grant includes an indirect cost allowance of 20% of total direct costs.

The grantee shall furnish to the Foundation promptly a written disclosure of each invention conceived or first actually reduced to practice in the performance of work supported by this grant, together with a statement specifying whether or not foreign and/or domestic patent applications will be filed. Upon application for any patent on any such invention, the Government shall be granted an irrevocable, royalty-free, nonexclusive license for use of such invention for governmental purposes throughout the world (including use pursuant to any treaty or international obligation of the United States). In those countries where a patent application is not to be filed, the Foundation may file for such patent on behalf of the Government. In any case, whether or not a patent is to be filed, the Foundation may arrange for the invention to be described in a printed publication.

This grant may be revoked in whole or in part by the Foundation after consultation with the principal investigator and the grantee. Such revocation shall not affect any commitment which, in the judgment of the Foundation, had become firm prior to the effective date of the revocation. Funds not committed by the grantee prior to the conclusion of the work contemplated under this grant shall be returned to the Foundation.

The Foundation requires that this grant be administered in general accordance with the Foundation's policies for research grants as stated in "Grants for Scientific Research," June 1963, and in conformity with the attached budget summary and other understandings reached between the Foundation and the grantee relating to this grant.

Dr. R. C. Goodwin, President

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Please acknowledge acceptance of this grant and include in your reply a reference to the grant number.

Sincerely yours,

/s/ John T. Wilson

John T. Wilson
Deputy Director

Enclosure

C O P Y

Board Minutes
February 15, 1964
Attachment No. 19
Account No. 391-1238

NATIONAL SCIENCE FOUNDATION
Washington 25, D. C.
December 2, 1963

Dr. R. C. Goodwin, President
Texas Technological College
Lubbock, Texas

GE-3271

Dear Dr. Goodwin:

It is a pleasure to inform you that the sum of \$86,400 is granted by the National Science Foundation to the Texas Technological College for support of a "Summer Institute in Biology for Secondary School Teachers of Biology and General Science." This grant terminates September 30, 1964, and is under the direction of Earl D. Camp, Department of Biology.

As funds are needed to carry out the purpose of this grant, please include your funding requirement in the Monthly Cash Request Form, No. 4-49.

In selecting individuals for participation and otherwise in the administration of the project, the grantee will not discriminate because of the race, creed or color of any applicant or participant.

This grant may be revoked in whole or in part by the Foundation after consultation with the grantee. Such revocation shall not affect any commitment which, in the judgment of the Foundation, had become firm prior to the effective date of the revocation. Funds not committed by the grantee prior to the conclusion of the work contemplated under this grant shall be returned to the Foundation.

The Foundation requires that this grant be administered in general accordance, insofar as applicable thereto, with the Foundation's policies for research grants as stated in "Grants for Scientific Research," June 1963, and in conformity with the attached budget summary and other understandings reached between the Foundation and the grantee relating to this grant.

Dr. R. C. Goodwin, President

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Please acknowledge acceptance of this grant under the terms stated, on the enclosed copy of this letter and return to the Grants Office of the National Science Foundation.

Sincerely yours,

/s/ John T. Wilson

John T. Wilson
Deputy Director

Enclosure

Accepted by the grantee under the terms and conditions set forth herein.

By /s/ R. C. Goodwin
(Signature)

Title President

Date January 6, 1964

C O P Y

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

<u>Donor and Number</u>	<u>Purpose of Gift</u>	<u>Account</u>	<u>Amount</u>
Brownfield State Bank and Trust Co. Brownfield, Texas 2766	Scholarships	391-6240	\$ 750.00
Miss Nance O'Neill Los Angeles 41, Calif. 2767	Student Loan Fund	591-0560	30.00
Texas Electric Cooperatives, Inc. Austin, Texas 78756 2769	Scholarship	991-2940	200.00
Panhandle Charities Foundation, Inc. Amarillo, Texas 2770	Furnishing and Equipping Govt. Pre- Law Reading Room	991-0070	25.00
Mr. Dan E. Archer Perryton, Texas 2771	Furnishing and Equipping Govt. Pre- Law Reading Room	991-0070	10.00
Mr. Dean Dunlap Amarillo, Texas 2772	Furnishing and Equipping Govt. Pre- Law Reading Room	991-0070	25.00
Judge E. E. Jordan Amarillo, Texas 2773	Furnishing and Equipping Govt. Pre- Law Reading Room	991-0070	10.00
Mr. Earnest L. Langley Hereford, Texas 2774	Furnishing and Equipping Govt. Pre- Law Reading Room	991-0070	10.00
The Alcoa Foundation Pittsburgh 19, Pa. 2775	Grant	391-2650	125.00
American State Bank Lubbock, Texas 2776	Scholarship	391-6070	150.00
Trans-Mississippi Golf Association Plainview, Texas 2777	Scholarships	391-8710	800.00
T.I.M.E. Freight, Inc. Lubbock, Texas 2779	Christmas Lighting	391-2620	150.00
Book and Stationery Center Lubbock, Texas 2780	Christmas Lighting	391-2620	25.00
The Dunlap Company Lubbock, Texas 2781	Christmas Lighting	391-2620	250.00
Thomas Jewelry Lubbock, Texas 2782	Christmas Lighting	391-2620	12.50
Bell Dairy Products, Inc. Lubbock, Texas 2783	Christmas Lighting	391-2620	150.00
Lubbock County Bar Auxiliary Assoc. Lubbock, Texas 2784	Scholarships	391-7300	100.00
The Spencer A. Wells Foundation Lubbock, Texas 2785	Christmas Lighting	391-2620	250.00

<u>Donor and Number</u>	<u>Purpose of Gift</u>	<u>Account</u>	<u>Amount</u>
R. A. and Venine Beatrice Jefferies Foundation Hale Center, Texas 2786	Building Fund	780-0000	\$ 2,500.00
Miss Mabel D. Erwin Lubbock, Texas 2787	Scholarship Fund	691-0280	10.00
Cosden Petroleum Corp. Big Spring, Texas 2788	Research	991-0070	200.00
Esso Education Foundation New York, New York 2789	Grant	391-2650	100.00
Furr Foundation Lubbock, Texas 2790	Christmas Lighting	391-2620	250.00
Pioneer Natural Gas Co. Amarillo, Texas 2791	Christmas Lighting	391-2620	250.00
Dr. and Mrs. Ernest Wallace Lubbock, Texas 2792	Southwest Collection	391-2085	2.00
Texas Tech Parents Club Fort Worth, Texas 2793	Scholarship	391-7600	150.00
Mrs. Angela R. Boren Lubbock, Texas 2794	Scholarship Fund	691-0280	5.00
Mrs. O. V. Adams Lubbock, Texas 2795	Scholarship Fund	691-0280	3.00
Mrs. Ray C. Mowery Lubbock, Texas 2796	Scholarship Fund	691-0200	10.00
Mr. J. W. Gordon, Jr. Pampa, Texas 2797	Furnishing and Equipping Govt. Pre- Law Reading Room	991-0070	10.00
New Mexico Electric Service Hobbs, New Mexico 2799	Institute of Science	391-3260	1,000.00
Prof. Raymond Elliott Lubbock, Texas 2800	Scholarship Fund	691-0180	40.00
Herald Photo Lubbock, Texas 2801	Christmas Lighting	391-2620	8.00
Snell Drug Lubbock, Texas 2802	Christmas Lighting	391-2620	15.00
Garnett's Ice Cream Parlor Lubbock, Texas 2803	Christmas Lighting	391-2620	10.00
Miss Delane Adams Modesto, California 2804	Scholarship Fund	391-6040	10.00
Dozier Trophy & Shoe Shop Lubbock, Texas 2805	Christmas Lighting	391-2620	5.00
Mrs. B. C. Ward Seminole, Texas 2806	Building Fund	780-0000	25.00
Mrs. James Petty Lubbock, Texas 2807	Speech Clinic	391-1230	5.00
Mrs. Jimmy P. Smith Lubbock, Texas 2808	Speech Clinic	391-1230	5.00

<u>Donor and Number</u>	<u>Purpose of Gift</u>	<u>Account</u>	<u>Amount</u>
Mrs. G. C. Nesmith Lubbock, Texas 2809	Speech Clinic	391-1230	\$ 10.50
Mrs. Harold Banks Lubbock, Texas 2810	Speech Clinic	391-1230	7.50
Mr. C. O. Campbell Lubbock, Texas 2811	Speech Clinic	391-1230	10.00
Rockwell Bros. & Co. Houston 1, Texas 2812	Endowment Fund	691-0100	1,000.00
Forrest Foundation Lubbock, Texas 2813	Christmas Lighting	391-2620	100.00
College Avenue Barber Shop Lubbock, Texas 2814	Christmas Lighting	391-2620	10.00
Mr. G. R. Close Perryton, Texas 2815	Furnishing and Equipping Govt. Pre- Law Reading Room	991-0070	25.00
Mr. J. D. Helms Spearman, Texas 2816	Furnishing and Equipping Govt. Pre- Law Reading Room	991-0070	25.00
Mrs. J. G. Keyes Lubbock, Texas 2817	Scholarship Fund	691-0280	5.00
Miss L. Ann Buntin Lubbock, Texas 2818	Scholarship Fund	691-0280	10.00
Dr. Mina W. Lamb Lubbock, Texas 2819	Scholarship Fund	691-0280	25.00
Miss Phyllis Drake Lubbock, Texas 2820	Scholarship Fund	691-0280	10.00
Mrs. Estelle Wallace Lubbock, Texas 2821	Scholarship Fund	691-0280	3.00
Miss Barbara Zeches Lubbock, Texas 2822	Scholarship Fund	691-0280	4.00
Mrs. Winnifred Gifford Lubbock, Texas 2823	Scholarship Fund	691-0280	1.00
Mrs. Jeanette Jenkins Lubbock, Texas 2824	Scholarship Fund	691-0280	1.00
Miss Billie Williamson Lubbock, Texas 2825	Scholarship Fund	691-0280	1.00
Mrs. Charlotte Camp Lubbock, Texas 2826	Scholarship Fund	691-0280	5.00
Mrs. Margaret Sitton Lubbock, Texas 2827	Scholarship Fund	691-0280	5.00
Mrs. Janie Beitler Lubbock, Texas 2828	Scholarship Fund	691-0280	2.00
Miss Mary Gerlach Lubbock, Texas 2829	Scholarship Fund	691-0280	1.00
Miss Lola Drew Lubbock, Texas 2830	Scholarship Fund	691-0280	1.00

<u>Donor and Number</u>	<u>Purpose of Gift</u>	<u>Account</u>	<u>Amount</u>
Dr. Martha Gene Shelden Lubbock, Texas 2831	Scholarship Fund	691-0280	\$ 3.00
Dean Willa Vaughn Tinsley Lubbock, Texas 2832	Scholarship Fund	691-0280	3.00
Mrs. Clara McPherson Lubbock, Texas 2833	Scholarship Fund	691-0280	5.00
Miss Margaret Kassouny Lubbock, Texas 2834	Scholarship Fund	691-0280	5.00
Mrs. Gladys Holden Lubbock, Texas 2835	Scholarship Fund	691-0280	2.00
Miss Opal Wood Lubbock, Texas 2836	Scholarship Fund	691-0280	10.00
Miss Rebecca Pate Stillwater, Okla. 2837	Scholarship Fund	691-0280	10.00
Mrs. Frances Lyle Palls, Texas 2838	Scholarship Fund	691-0280	5.00
Mr. James Teague Lubbock, Texas 2839	Unrestricted Fund	991-0080	5.00
Anderson and Bigham Sheet Metal Works, Inc. Lubbock, Texas 2840	For use by Dept. of Agricultural Engr.	991-0170	600.00
Mrs. Robert E. Martin Lubbock, Texas 2841	Scholarship Fund	691-0280	5.00
Broadway Drug Lubbock, Texas 2842	Christmas Lighting	391-2620	15.00
Brown's Varsity Shop Lubbock, Texas 2843	Christmas Lighting	391-2620	25.00
Matador Barber Shop Lubbock, Texas 2844	Christmas Lighting	391-2620	20.00
The Traditional Shop Lubbock, Texas 2845	Christmas Lighting	391-2620	25.00
The Borden Company Lubbock, Texas 2846	Christmas Lighting	391-2620	100.00
Mrs. Winifred Hay Lubbock, Texas 2847	Memorial Loan Fund	591-0640	10.00
Miss Helen A. Lindell Lubbock, Texas 2848	Memorial Loan Fund	591-0640	5.00
Mr. George E. Benson Lubbock, Texas 2849	Memorial Loan Fund	591-0640	25.00
Miss Clara Pratt Lubbock, Texas 2850	Memorial Loan Fund	591-0640	10.00
Mrs. Z. A. Kimbro Lubbock, Texas 2851	Memorial Loan Fund	591-0640	2.00
Mrs. Fern Cone Lubbock, Texas 2852	Memorial Loan Fund	591-0640	5.00

<u>Donor and Number</u>	<u>Purpose of Gift</u>	<u>Account</u>	<u>Amount</u>
Mrs. Lesta G. Boles Lubbock, Texas 2853	Memorial Loan Fund	591-0640	\$ 5.00
Mrs. George W. Gilkerson Lubbock, Texas 2854	Memorial Loan Fund	591-0640	2.00
Miss Ruth E. Ford Lubbock, Texas 2855	Memorial Loan Fund	591-0640	15.00
Mrs. Helen Massie Lubbock, Texas 2856	Memorial Loan Fund	591-0640	10.00
Mrs. Jack Kastman Lubbock, Texas 2857	Memorial Loan Fund	591-0640	10.00
Mrs. J. B. Cardwell Lubbock, Texas 2858	Memorial Loan Fund	591-0640	5.00
Mrs. Elizabeth Walton Lubbock, Texas 2859	Memorial Loan Fund	591-0640	1.00
Mrs. J. Wright Kerr Lubbock, Texas 2860	Memorial Loan Fund	591-0640	10.00
Mrs. Vera Maxey Lubbock, Texas 2861	Memorial Loan Fund	591-0640	5.00
Miss Kathryn Weaver Lubbock, Texas 2862	Memorial Loan Fund	591-0640	5.00
Miss Effie Puryear Lubbock, Texas 2864	Memorial Loan Fund	591-0640	10.00
Miss Mildred L. Boone Lubbock, Texas 2865	Memorial Loan Fund	591-0640	5.00
Lubbock Altrusa Club Lubbock, Texas 2866	Memorial Loan Fund	591-0640	99.55
Mrs. Ray C. Mowery Lubbock, Texas 2867	Scholarship Fund	691-0200	10.00
Mrs. James N. Michie Dallas 14, Texas 2868	Scholarship Fund	691-0280	5.00
Miss Billie Wolfe Lubbock, Texas 2869	Scholarship	391-8980	100.00
Miss Anna Lee Messer Plattsburgh, New York 2870	Scholarship	991-0170	1,100.00
The Barsh X-Ray and Radium Clinic 2871	Unrestricted Fund	991-0080	100.00
Bryant Radio and Television, Inc. Lubbock, Texas 2872	Educational Tele- vision	391-2500	833.00
Mrs. Inez Carter Pampa, Texas 2873	Scholarships	391-6340	600.00
Mr. D. D. Harrington Amarillo, Texas 2874	Scholarships	391-6980	1,500.00
Avalanche-Journal Publishing Co. Lubbock, Texas 2875	Christmas Lighting	391-2620	250.00
Dr. G. L. Hemmle Lubbock, Texas 2876	Memorial Loan Fund	591-0640	5.00

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

<u>Donor and Number</u>	<u>Purpose of Gift</u>	<u>Account</u>	<u>Amount</u>
Amon G. Carter Foundation Fort Worth, Texas 2877	Speech Clinic Building Fund	780-0000	\$ 5,000.00
Mr. Robert L. Riker Lamesa, Texas 2879	Orchestra Tour	991-0070	100.00
Fiji Foundation of Texas Dallas 1, Texas 2880	Scholarship	391-6740	100.00
Mrs. Lila A. Kinchen Lubbock, Texas 2881	Scholarship Fund	691-0280	15.00
Hoblitzelle Foundation Dallas 1, Texas 2882	Speech Clinic Building Fund	780-0000	5,000.00
Mrs. A. H. Arend Littlefield, Texas 2883	Speech Clinic	391-1230	10.00
Mr. C. O. Campbell Lubbock, Texas 2884	Speech Clinic	391-1230	10.00
Miss Peggy B. Domm Lamesa, Texas 2885	Speech Clinic	391-1230	10.00
Mr. Oliver Jackson Abernathy, Texas 2886	Speech Clinic	391-1230	25.00
West Texas-New Mexico Chapter, National Electrical Con- tractors Lubbock, Texas 2887	Scholarship	391-8880	150.00
Mr. Wayne C. Sellers Rock Hill, South Carolina 2888	Scholarship	391-8120	250.00
Rob and Bessie Welder Wildlife Foundation Sinton, Texas 2889	Research	391-8760	2,800.00
Mrs. Elliott Taylor Lubbock, Texas 2890	Loan Fund	591-0640	5.00
Phillips Petroleum Co. Bartlesville, Okla. 2891	Unrestricted Grant	391-2650	134.00
California Chemical Co. Richmond, California 2892	Research	391-3240	200.00
California Chemical Co. Richmond, California 2893	Research	391-3240	500.00
California Chemical Co. Richmond, California 2894	Research	391-3240	500.00
Bray's Sports Wear Lubbock, Texas 2895	Christmas Lighting	391-2620	10.00
Kathy's Lubbock, Texas 2896	Christmas Lighting	391-2620	10.00
Miss Lucille Collier Lubbock, Texas 2897	Loan Fund	591-0640	2.50

<u>Donor and Number</u>	<u>Purpose of Gift</u>	<u>Account</u>	<u>Amount</u>
Mrs. J. Harmon Jenkins Lubbock, Texas 2898	Loan Fund	591-0640 \$	5.00
Texas Tech Ex-Students Association Lubbock, Texas 2899	Scholarship Fund	691-0280	10.00
Mr. Archie S. McDonald Dumas, Texas 2900	Furnishing and Equip- ping Govt. Pre-Law Reading Room	991-0070	10.00
DeKalb Agricultural Assoc., Inc. DeKalb, Illinois 2901	Research	391-3240	600.00
Mr. J. S. Bridwell Wichita Falls, Texas 2902	Scholarship	391-6220	2,500.00
Prof. Raymond Elliott Lubbock, Texas 2964	Scholarship Fund	691-0180	40.00
Miss Willie May Wolfe Lubbock, Texas 2966	Scholarship Fund	691-0280	5.00
CIBA Corporation Vero Beach, Florida 2967	Undergraduate Re- search Assistantship	991-0070	1,600.00
Varsity and Vogue Cleaners Lubbock, Texas 2968	Christmas Lighting	391-2620	10.00
Lubbock Auto Co., Inc. Lubbock, Texas 2969	Speech Clinic Building Fund	780-0000	500.00
Mr. and Mrs. A. W. Crawford Houston 25, Texas 2970	Loan Fund	591-0560	10.00
Alpha Sigma Chapter of Delta Kappa Gamma Lubbock, Texas 2971	Scholarship	391-6580	50.00
Mr. Hobby Thomas, Jr. Hale Center, Texas 2972	Scholarship Fund	391-8400	25.00
Mr. C. T. Hulsey Olton, Texas 2973	Speech Clinic	391-1230	10.00
Mrs. Tom L. Adams Brownfield, Texas 2974	Speech Clinic	391-1230	10.00

DEED OF GIFT

I, WILFRED McCORMICK of Albuquerque, New Mexico do hereby give to TEXAS TECHNOLOGICAL COLLEGE, an educational and eleemosynary institution, the following articles of personal property for its Southwest Collection; said property comprises the evolution of a Book known as "THE FIVE MAN BREAK" written by grantor in (1961-2) and published by David McKay Company of New York City, New York in 1962. The articles of personal property consist of the following:

- Original rough draft, approximately 175 pages
- Finish copy as sent to Publisher " 201 pages
- Original galley proofs, approximately 55 "
- Original page proofs, " 178 pages
- Copy of hard-cover bound book published by David McKay Publication Company of New York City, New York
- Copy of recent paper-back book (Reprint) published by Universal Publishing & Distributing Corporation of New York City, New York.

To have and to hold as its property absolutely and forever.

IN WITNESS WHEREOF, grantor places his hand and seal this
19th day of December, 1963.

/s/ Wilfred McCormick

STATE OF NEW MEXICO)
) ss:
COUNTY OF BERNALILLO)

The foregoing was acknowledged before me this 19th day of December, 1963 by WILFRED McCORMICK.

(SEAL)

/s/ Carmel Gnall
Notary Public

My Commission Expires:
My Commission Expires Jan. 22, 1964

ACCEPTANCE

TEXAS TECHNOLOGICAL COLLEGE hereby accepts and acknowledges receipt of the above property this 31st day of December, 1963.

TEXAS TECHNOLOGICAL COLLEGE
BY: /s/ Robert Cabaniss Goodwin
Robert Cabaniss Goodwin,
President

TEXAS TECHNOLOGICAL COLLEGE
Report on Small Classes

Organized Classes Only, 1964 Spring Semester
As of the 12th Class Day (February 13, 1964)
Reported by Program, Course Number, Course Title, Enrollment and Justification

Justification Code: The following justification statements are those most frequently used by academic institutions and appear to cover a majority of classes listed in past small class reports. Some classes may require more than one code. If necessary, use an additional sheet for listing the statements of justification.

1. Required course for graduation in one or more baccalaureate degree programs. The course is not offered each semester or term, and if cancelled, may affect date of graduation of those enrolled.
2. Required course for graduating seniors in one or more degree programs.
3. Required course for majors in this field and should be completed this semester (or term) to keep proper sequence in courses.
4. Course for which students pay a supplementary fee, and the usual requirements of class size are not considered applicable. (Example: Class Instruction in Applied Arts and Applied Music.)
5. Limited laboratory facilities make it necessary to establish an additional section of this course.
6. Course in a small department which offers the minimum number of courses consistent with the maintenance of a balanced departmental program.
7. Graduate course that is required for completion of an advanced degree.
8. Interdepartmental course meeting with the same course in another department.
9. Other (please specify) (a) Workshop -- enrollment incomplete on the 12th Class Day. (b) Class meets with another class at the same hour. (c) Class for students from other countries. (d) Dropped below 10 after close of registration. (e) Laboratory only -- facilities limited.

Program, Dept., Course and Section Number	Course Title	Credit Value	Enrollment		
			Under- grad	Grad	Code
<u>Liberal Arts (01)</u>					
Agricultural Economics 511-1	Seminar	1	0	4	7
Economics 430-1	Development of Economic Doctrines	3	8	0	2
Economics 3313-1	Introduction to Quanti- tative Economic Analysis	3	5	1	2
Journalism 3215-A	Problems in Advanced Photojournalism	2	5	0	6
Mathematics 4315-1	Mathematical Statistics	3	2	3	1
Mathematics 5315-1	Functions of a Real Variable	3	0	4	7
Psychology 436-1	Personality Development	3	7	0	2
Psychology 4314-1	The Human Element in Engineering	3	6	3	2

Program, Dept., Course and Section Number	Course Title	Credit Value	Enrollment		Code
			Under- grad	Grad	
<u>Liberal Arts (01) (Continued)</u>					
Psychology 5333-1	Seminar in Perception	3	0	4	7
Sociology 230-L	Introduction to Sociol- ogy (Lab)	0	9	0	6
Sociology 230-0	Introduction to Sociol- ogy (Lab)	0	4	0	6
Speech 133-2	Voice and Diction Equiv- alent	3	8	0	9a
Russian 332-1	A Second Course in Russian	3	8	1	6
<u>Sciences (02)</u>					
Botany 438-1	Morphology of Fungi	3	1	6	2
Botany 438-A	Morphology of Fungi Lab	0	1	6	2
Chemistry 236-1	Analytical Chemistry	3	7	0	3
Chemistry 236-A	Analytical Chemistry Lab	0	7	0	3
Chemistry 432-1	Advanced Organic Chemistry	3	6	0	3
Chemistry 437-B	Biological Chemistry II Lab	0	4	2	5
Chemistry 4311-1	Colloid and Surface Chemistry	3	5	1	3
Chemistry 4311-A	Colloid and Surface Chemistry Lab	0	5	1	3
Chemistry 5322-1	Advanced Organic Chemistry II	3	0	2	7
Chemistry 5328-1	Physical Organic Chemistry II	3	0	1	7
Chemistry 5334-1	Selected Topics in Bio- logical Chemistry	3	0	3	7
Geochemistry 4332-1	Geochemistry II	3	0	4	3
Geography 231-1	Principles of Geography	3	9	0	6
Geology 432-1	Optical Mineralogy and Petrology	3	1	5	1
Geology 432-A	Optical Mineralogy and Petrology Lab	0	1	5	1
Geology 5312-1	Economic Geology	3	0	4	7
Geology 5312-A	Economic Geology Lab	0	0	4	7
Physics 237-B	Techniques of Photography Lab	0	8	1	5

Program, Dept., Course and Section Number	Course Title	Credit Value	Enrollment		Code
			Under- grad	Grad	
<u>Sciences (02) Continued)</u>					
Physics 313-B	Atomic and Nuclear Physics Lab	1	9	0	5
Physics 315-A	Intermediate Lab	1	9	0	5
Physics 331-A	Optics Lab	0	7	0	5
Physics 331-B	Optics Lab	0	7	0	5
Physics 341-B	Electronics Lab	0	5	0	5
Geophysics 3321-1	Geophysical Methods, Gravity and Magnetic	3	8	1	3
Geophysics 4321-1	Earthquake Seismology	3	7	2	3
Geophysics 4321-A	Earthquake Seismology Lab	0	7	2	3
<u>Teacher Education (04)</u>					
Music Education 531-1	Seminar in Music Education	3	1	3	7
Music Education 534-1	Marching Band Direction	3	0	3	7
Music Education 4317-1	Choral Conducting	3	1	3	1
Music Education 4317-A	Choral Conducting Lab	0	1	3	1
Home Economics Education 426-C	Problems in Student Teaching	2	6	0	2
<u>Agriculture (05)</u>					
Agriculture Engineering 433-1	Elements of Tractor Design	3	6	0	2
Agriculture Engineering 433-A	Elements of Tractor Design Lab	0	6	0	2
Agriculture Engineering 434-1	Farm Electrification Systems	3	6	0	2
Agriculture Engineering 434-A	Farm Electrification Systems Lab	0	6	0	2
Agriculture Engineering 437-1	Design of Farm Irrigation Systems	3	4	0	2
Agriculture Engineering 437-A	Design of Farm Irri- gation Systems Lab	0	4	0	2
Agriculture Engineering 439-1	Functional Design of Farm Buildings	3	3	0	2
Agriculture Engineering 439-A	Functional Design of Farm Buildings Lab	0	3	0	2
Agronomy 410-1	Seminar	1	9	0	2

Program, Dept., Course and Section Number	Course Title	Credit Value	Enrollment		Code
			Under- grad	Grad	
<u>Agriculture (05) (Continued)</u>					
Agronomy 532-1	Experimental Design and Analysis	3	1	3	7
Agronomy 532-A	Experimental Design and Analysis Lab	0	1	3	7
Animal Husbandry 321-A	Livestock and Meat Evaluation	2	8	0	2
Animal Husbandry 439-1	Endocrinology	3	3	6	2
Animal Husbandry 541-1	The Science of Meat and Meat Products	4	0	3	7
Dairy Industry 231-1	Testing Dairy Products	3	6	0	6
Dairy Industry 231-A	Testing Dairy Products Lab	0	6	0	6
Dairy Industry 314-A	Advanced Dairy Products Judging	1	9	0	1
Dairy Industry 335-1	Dairy Bacteriology	3	5	0	1
Dairy Industry 335-A	Dairy Bacteriology Lab	0	5	0	1
Dairy Industry 338-1	Dairy Plant Equipment	3	8	0	1
Dairy Industry 338-A	Dairy Plant Equipment Lab	0	8	0	1
Dairy Industry 411-1	Dairy Seminar	1	9	0	2
Dairy Industry 433-1	Ice Cream and Concen- trated Milk	3	8	0	2
Dairy Industry 433-A	Ice Cream and Concen- trated Milk Lab	0	8	0	2
Dairy Industry 435-1	Dairy and Food Inspection	3	8	0	2
Dairy Industry 435-A	Dairy and Food Inspection Lab	0	8	0	2
Horticulture 410-1	Seminar	1	8	0	2
<u>Engineering (06)</u>					
Civil Engineering 3121-A	Soil Engineering Science Lab	1	9	0	2
Civil Engineering 3121-B	Soil Engineering Science Lab	1	6	0	2
Civil Engineering 3151-B	Mechanics of Fluids Lab	1	8	0	2
Civil Engineering 5344-1	Advanced Reinforced Concrete Design	3	0	3	7

Program, Dept., Course and Section Number	Course Title	Credit Value	Enrollment		Code
			Under- grad	Grad	
<u>Engineering (06) (Continued).</u>					
Electrical Engineering 4333-A	Experimental Lab II	3	5	0	2
Electrical Engineering 5312-1	Automatic Control Systems	3	0	4	7
Industrial Engineering 512-1	Industrial Engineering Graduate Seminar	1	0	2	7
Mechanical Engineering 4214-2	Engineering Analysis	2	9	0	2
Mechanical Engineering 4214-B	Engineering Analysis Lab	0	9	0	2
Petroleum Engineering 320-1	Well Logging Methods	2	3	0	1
Petroleum Engineering 333-1	Petroleum Production Methods	3	5	0	1
Petroleum Engineering 436-1	Advanced Reservoir Engineering	3	8	0	2
Textile Engineering 332-1	Principles of Fiber Processing II	3	3	0	1
Textile Engineering 332-A	Principles of Fiber Processing II Lab	0	3	0	2
Textile Engineering 334-1	Textile Dyeing and Finishing	3	4	0	1
Textile Engineering 334-A	Textile Dyeing and Finishing Lab	0	4	0	2
Textile Engineering 437-1	Fabric Analysis and Advanced Design	3	6	0	2
Textile Engineering 437-A	Fabric Analysis and Advanced Design Lab	0	6	0	2
<u>Home Economics (07)</u>					
Applied Arts 338-1	Art in Elementary Education	3	9	0	9d
Applied Arts 338-A	Art in Elementary Education Lab	0	9	0	9d
Child Development and Family Relations 433-3	Family Relations	3	9	0	2
Clothing and Textiles 518-1	Seminar	1	0	3	7
Food and Nutrition 431-1	Nutrition in Disease	3	8	1	2
Food and Nutrition 431-A	Nutrition in Disease	0	8	1	2

Program, Dept., Course and Section Number	Course Title	Credit Value	Enrollment		Code
			Under- grad	Grad	
<u>Home Economics (07) (Continued)</u>					
Home Management 433-1	Advanced Household Equipment	3	8	0	2
Home Management 433-A	Advanced Household Equipment Lab	0	8	0	2
Home Management 435-1	Advanced Consumer Problems	3	5	2	2
<u>Business Administration (16)</u>					
Accounting 335H-3	Intermediate Accounting II	3	9	0	3
Finance 532-1	Seminar in Business Financial Policy	3	1	3	7
Marketing 437-1	Advanced Business Statistics	3	8	0	2
Marketing 532-1	Advanced Marketing Research	3	0	4	7

APPROVAL OF SMALL CLASSES
1964 SPRING SEMESTER

Approved by the Board of Directors of Texas Technological College on
February 15, 1964.

BOARD OF DIRECTORS
TEXAS TECHNOLOGICAL COLLEGE

BY: /s/ Manuel DeBusk
Chairman

I, J. Roy Wells, Secretary of the Board of Directors of Texas Techno-
logical College, do hereby certify that the Small Class Report for the
1964 Spring Semester was approved by the Board of Directors of Texas
Technological College on February 15, 1964.

Witness my hand this the 15th day of February, 1964.

/s/ J. Roy Wells
Secretary, Board of Directors

(SEAL)

RESOLUTION APPROVING AN AMENDATORY LOAN AGREEMENT
WITH THE UNITED STATES OF AMERICA

Project No.: CH-Tex-150(D)
Texas Technological College
Lubbock, Texas
Contract No. H-502-858

WHEREAS, there has been filed with the Housing and Home Finance Agency by the Board of Directors of Texas Technological College, acting for and on behalf of Texas Technological College (herein called the "Borrower"), an application for aid in financing college housing under the provisions of Title IV of the Housing Act of 1950, as amended, and THE UNITED STATES OF AMERICA, Housing and Home Finance Administrator, has transmitted to the Borrower for consideration an attachment to the Loan Agreement tendering such aid, dated January 1, 1964, in connection with the Project referred to in said application and generally described by said Loan Agreement; and

WHEREAS, said attachment has been duly read, fully considered in accordance with all pertinent rules of procedure and legal requirements, and made a part of the Borrower's records; and

WHEREAS, it is deemed advisable that said attachment to the Loan Agreement be accepted;

NOW, THEREFORE, be it resolved by the Board of Directors of the Borrower that the said attachment to the Loan Agreement, a true and correct copy of which is hereto attached, be and the same hereby is accepted without reservation or qualification, and the proper officials of the Borrower are authorized to execute documents evidencing such acceptance and take such further action as is necessary to provide the project.

ADOPTED AND APPROVED by the Board of Directors of the Borrower on the 15th day of February, 1964.

BOARD OF DIRECTORS
TEXAS TECHNOLOGICAL COLLEGE

ATTEST:

By /s/ Manuel DeBusk
Manuel DeBusk, Chairman

/s/ J. Roy Wells
J. Roy Wells, Secretary
Board of Directors

HOUSING AND HOME FINANCE AGENCY
Office of the Regional Administrator
300 West Vickery Boulevard
Fort Worth, Texas 76104

REGION V

February 12, 1964

Re: Project No. CH-Tex-150(D)
Texas Technological College
Dormitories

Mr. M. L. Pennington
Vice President & Comptroller
Texas Technological College
Lubbock, Texas 79400

Dear Mr. Pennington:

Pursuant to your request, we have caused to be issued a Waiver permitting the Series E Bonds to be issued in two series to be designated as "Series E" and "Series F" Bonds. We are enclosing one executed and three conformed copies of such Waiver to be attached to the Loan Agreement.

Sincerely yours,

/s/ Conn D. Catterton

For Travis Wm. Miller
Regional Director
Community Facilities

Enclosure

cc:
McCall, Parkhurst, Crowe,
McCall & Horton
Attorneys at Law
1501 Mercantile Securities Bldg.
Dallas, Texas 75201

C O P Y

/s/ J. Roy Wells
J. Roy Wells, Secretary
Board of Directors

Project No. CH-Tex-150(D)
Texas Technological College
Lubbock, Texas
Contract No. H-502-858
Waiver No. 1

WAIVER

To be attached to the Loan Agreement dated as of December 1, 1961, as amended, between the Government and the Board of Directors of Texas Technological College as evidence of the modification of certain provisions thereof.

WHEREAS, bids have been taken for the sale of the "Series E" Bonds set forth in the Loan Agreement and accordingly, a portion of said Bonds have been sold to others than the Government; and

WHEREAS, the Borrower desires to designate the Bonds sold to the Government as "Series E" Bonds and the Bonds sold privately as "Series F" Bonds;

NOW, THEREFORE, the provisions of Section 2, Description of Bonds, of the Loan Agreement are hereby waived to the extent necessary to permit the Borrower to issue the Bonds described therein as "Series E" Bonds in two series to be designated "Series E" and "Series F", provided that the "Series E" and "Series F" Bonds to be issued shall in all other respects conform to the specifications set forth in the Loan Agreement relating to the "Series E" Bonds.

UNITED STATES OF AMERICA
Housing and Home Finance Administrator
Community Facilities Commissioner

Date: Feb. 11, 1964

By /s/ Conn D. Catterton
Acting Regional Director
Community Facilities

C O P Y

/s/ J. Roy Wells
J. Roy Wells, Secretary
Board of Directors

RESOLUTION APPROVING AN AMENDATORY LOAN AGREEMENT
WITH THE UNITED STATES OF AMERICA

Project No.: CH-Tex-180(S)
Texas Technological College
Lubbock, Texas
Contract No. H-502-3706

WHEREAS, there has been filed with the Housing and Home Finance Agency by the Board of Directors of Texas Technological College, acting for and on behalf of Texas Technological College (herein called the "Borrower"), an application for aid in financing college housing under the provisions of Title IV of the Housing Act of 1950, as amended, and THE UNITED STATES OF AMERICA, Housing and Home Finance Administrator, has transmitted to the Borrower for consideration a Loan Agreement tendering such aid, dated January 1, 1964, in connection with the Project referred to in said application and generally described by said Loan Agreement; and

WHEREAS, said Agreement has been duly read, fully considered in accordance with all pertinent rules of procedure and legal requirements, and made a part of the Borrower's records; and

WHEREAS, it is deemed advisable that said Loan Agreement be accepted;

NOW, THEREFORE, be it resolved by the Board of Directors of the Borrower that the said Loan Agreement, a true and correct copy of which is hereto attached, be and the same hereby is accepted without reservation or qualification, and the proper officials of the Borrower are authorized to execute documents evidencing such acceptance and take such further action as is necessary to provide the project.

ADOPTED AND APPROVED by the Board of Directors of the Borrower on the 15th day of February, 1964.

BOARD OF DIRECTORS
TEXAS TECHNOLOGICAL COLLEGE

ATTEST:

By /s/ Manuel DeBusk
Manuel DeBusk, Chairman

/s/ J. Roy Wells
J. Roy Wells, Secretary
Board of Directors

Form Approved
Budget Bureau No. 63-R1001
CFA-521
(10-60)

Project No. CH-Tex-180(S)

Name of Borrower Texas Technological
College

Address Lubbock, Texas

Contract No. H-502-3706

L O A N A G R E E M E N T

THIS LOAN AGREEMENT, dated as of January 1, 1964, by and between the Board of Directors of Texas Technological College (herein called the "Borrower") and the United States of America (herein called the "Government"), WITNESSETH:

Section 1. Amount, Purchase Price, and Purpose. Subject to the Terms and Conditions (Form CFA-520 dated 4/63), attached hereto and made a part hereof as Exhibit A, and the provisions of this Agreement, the Borrower will sell and the Government, acting by and through the Housing and Home Finance Administrator (herein called the "Administrator"), will purchase \$1,373,000 aggregate principal amount of the obligations of the Borrower described below (herein called the "Bonds"), or such lesser amount thereof as the Administrator estimates will be required, together with the Borrower's funds provided from other sources, to pay the development cost of the Project (estimated to be \$1,573,000), hereinafter described, at a price equal to the principal amount thereof plus accrued interest, the proceeds of the sale of such Bonds to be used solely for the development of the said Project.

Section 2. Description of Bonds. The Bonds which the Borrower agrees to sell and the Government agrees to purchase are described as follows:

- (a) Designation: Board of Directors of Texas Technological College
Housing System Revenue Bonds of 1963, Series A.
- (b) Date: March 1, 1963
- (c) Principal Amount: \$1,373,000
- (d) Denomination: \$1,000; however, until such time as the purchasers of the Bonds request(s) the preparation of the definitive Bonds, a single Bond or Bonds shall be issued in an amount equal to the Bonds contracted for by said purchaser or purchasers.
- (e) Type: Negotiable, serial, coupon bond.

(f) Interest Rate: 3-5/8% per annum, payable semi-annually on March 1 and September 1 in each year, first interest payable September 1, 1963.

(g) Maturities: March 1, in years and amounts as follows:

<u>Years</u>	<u>Amounts</u>	<u>Years</u>	<u>Amounts</u>
1967-1969	\$10,000	2001-2003	\$40,000
1970-1979	15,000	2004-2006	45,000
1980-1986	20,000	2007-2009	50,000
1987-1991	25,000	2010-2011	55,000
1992-1996	30,000	2012	60,000
1997-2000	35,000	2013	63,000

(h) Numbers: 1A to 1373A, inclusive, in order of maturity.

(i) Security: Special Obligation Bonds to be issued on a parity in all respects with the Texas Technological College Housing System Revenue Bonds of 1962, Series A, Series B, Series C, Series D, Series E, and Series F, dated March 1, 1962, and secured by:

- (1) A first lien on and pledge of the net revenues derived from the operation and/or ownership of a Housing System consisting of College Building #226, College Building #227, College Building #232, College Building #233, College Building #234, College Building #235 (aforesaid facilities constructed as Project No. CH-Tex-150(D), College Building #191 (Weeks Hall), College Building #192 (Thompson Hall), College Building #193 (Gaston Hall), College Building #194 (Wells Hall), College Building #195 (Carpenter Hall), College Building #17 (The College Bookstore) and any additions to or replacements thereof, College Building #10 (The Student Union Building) including the collections of a Student Union Building Fee levied against all full time enrolled students sufficient, together with other pledged revenue, to meet all debt service and reserve requirements but not to exceed \$5.00 per student for each semester of the long session and \$2.50 per student for each term of the summer session, and such additional facilities as may, at some future date, be added to the Housing System; and
- (2) A lien on and pledge of the net revenues derived from the operation and/or ownership of the Project (Dining Hall to be designated as College Building #35 - Food Service Building to be designated as College Building #237), College Building #35 (Bledsoe Hall and the Project Dining Hall), College Building #36 (Gordon Hall), College Building #29 (Horn Hall), College Building #30 (Knapp Hall), College Building #28 (Drane Hall), College Building #34 (Sneed Hall), College Building #27 (Doak Hall), and College Building #33 (West Hall). Said lien and pledge is subject only to the existing liens thereon to secure the outstanding Dormitory Revenue Bonds, Series 1940, and the Building Revenue Bonds, Series 1946.

(j) Place and Medium of Payment: Payable as to both principal and interest at the principal office of the Trustee to be designated in the Bond Resolution, or, at the option of the holder, at a bank or trust company in the Borough of Manhattan, City and State of New York, in any coin or currency which, on the respective dates of payment of such principal and interest, is legal tender for payment of debts due the United States of America.

(k) Registerability: Registrable, at the option of the holder, as to principal only.

(l) Redemption Provisions:

Bonds numbered 1A through 90A inclusive, maturing March 1, 1967, through March 1, 1973, inclusive, to be uncalleable.

Bonds numbered 91A through 855A inclusive, maturing March 1, 1974, through March 1, 2003, inclusive, to be callable at the option of the Borrower prior to the stated maturities thereof, in whole or in part and in inverse numerical order on any interest payment date after March 1, 1973, upon at least thirty days' prior notice, at the principal amount thereof, plus accrued interest to the date of redemption and a premium for each bond as follows:

3%	if redeemed	September 1, 1973	through	March 1, 1979	inclusive
2 $\frac{1}{2}$ %	"	"	September 1, 1979	"	March 1, 1985
2%	"	"	September 1, 1985	"	March 1, 1991
1 $\frac{1}{2}$ %	"	"	September 1, 1991	"	March 1, 1997
1%	"	"	after March 1, 1997.		

Bonds numbered 856A through 1373A inclusive, maturing March 1, 2004, through March 1, 2013, inclusive, to be callable at the option of the Borrower in whole or in part and in inverse numerical order on any interest payment date during the entire life of the loan, upon at least thirty days' prior notice, at par plus accrued interest to the date of redemption.

Priority as to call shall extend to bonds numbered 856A through 1373A inclusive over bonds numbered 91A through 855A inclusive.

Section 3. Sale of Bonds. The bonds will be sold by the Borrower at public sale, the call for bids specifying that bids will be received and considered on the following basis:

- (a) \$ 90,000; maturing March 1, 1967 through March 1, 1973;
- (b) 75,000; maturing March 1, 1974 through March 1, 1978;
- (c) 95,000; maturing March 1, 1979 through March 1, 1983;
- (d) 110,000; maturing March 1, 1984 through March 1, 1988;
- (e) 135,000; maturing March 1, 1989 through March 1, 1993;
- (f) 160,000; maturing March 1, 1994 through March 1, 1998;

- (g) \$ 190,000; maturing March 1, 1999 through March 1, 2003;
- (h) 518,000; maturing March 1, 2004 through March 1, 2013;
- (i) Any combination of the foregoing blocks; or
- (j) 1,373,000; maturing March 1, 1967 through March 1, 2013.

Bids for the entire bond issue will be accorded preference over bids for individual or combined blocks, except where the sum of the bids for all of the individual and/or combined blocks results in a lower net interest cost for the entire issue. Bids for combined blocks less than the entire issue will be accorded preference over bids for individual blocks, except where the sum of such individual blocks results in a lower net interest cost for the maximum number of maturities. For the purpose of determining the lowest bidder, calculations of net interest cost will exclude the bid of the Housing and Home Finance Agency.

In the event any of the Bonds are awarded to the Government, the Borrower shall, when they are ready, deliver all such Bonds to the Government at such time as the Government shall designate.

The Government will submit its bid for the Bonds and such bid will be for all of the Bonds at their par value, plus accrued interest, at the rate of three and five-eighths (3-5/8) per centum per annum on all or any one or more of the above blocks of Bonds. In the event any other bidder or bidders offer to purchase all of the Bonds, or any portion of the Bonds in blocks as specified at an interest cost of not more than three and five-eighths (3-5/8) per centum per annum, the Bonds or any such portion thereof shall be sold to such bidder or bidders. In the event of a sale of all the Bonds to a purchaser or purchasers other than the Government, this Agreement shall terminate except with respect to obligations hereunder between the Borrower and the Government as of the date of such sale of the Bonds. In the event any of the Bonds are awarded to the Government, it is agreed that the obligations hereunder shall continue in the same manner as if all the Bonds were sold to the Government. In the event no bid is received from a bidder or bidders other than the Government within the terms herein specified, all the Bonds shall be sold to the Government.

In the event the Government is awarded all or part of the Bonds, the Borrower, at the option of the purchaser(s) shall issue single Bonds with face values in the amount of the respective purchases in lieu of individual denomination Bonds. Such single Bonds shall be registered as to principal and interest and payable as directed by the purchasers, but otherwise complying with the description set forth in Section 2 hereof. The Borrower shall covenant that, upon request of the holder of a single Bond, it shall issue, at its own expense and within 90 days from the date of such request, negotiable bearer coupon bonds in denominations of \$1,000, as described in Section 2 hereof, in aggregate amount equal to the amount of the single Bond still outstanding. The printing of text of single Bonds shall be of type composition on paper of sufficient weight and strength to prevent deterioration throughout the life of the loan. The Bonds shall conform in size to standard practice and contain the approved maturity schedule for payment of principal.

Section 4. Description of the Project. The project shall consist of

- Unit A: A new building for central food stores and preparation;
Unit B: Revision and additions to four existing dormitories for men to provide centralized dining facilities for approximately 1,352 students.

(herein called the "Project").

Section 5. Government Field Expense. The amount of the fixed fee for Government field expense referred to in Section 30 of the attached Terms and Conditions shall be \$7,100.

Section 6. Special Conditions. The Government's obligation to purchase the Bonds of the Borrower is also subject to the Special Conditions attached hereto and made a part hereof as Exhibit B.

Section 7. Nondiscrimination. This Agreement is subject to the provisions of Executive Order No. 11063 dated November 20, 1962. The Borrower covenants and agrees that it will not discriminate nor permit discrimination by its agents, lessees or any others operating housing and related facilities in the use or occupancy of said facilities because of race, color, creed or national origin.

IN WITNESS WHEREOF, this Agreement has been executed in the name of the Board of Directors of Texas Technological College by the undersigned official, and under the official seal, attested by its Secretary, and in the name and on behalf of the United States of America, Housing and Home Finance Administrator, Community Facilities Commissioner, by the undersigned official.

BOARD OF DIRECTORS OF TEXAS
TECHNOLOGICAL COLLEGE

(SEAL)

By _____
Chairman, Board of Directors

Type or Print Name of Signing Officer

ATTEST:

Secretary, Board of Directors

Type or Print Name of Signing Officer

UNITED STATES OF AMERICA
Housing and Home Finance Administrator
Community Facilities Commissioner

By _____
Regional Director
Community Facilities

(Date)

- 5 -

C O P Y

HOUSING AND HOME FINANCE AGENCY
COMMUNITY FACILITIES ADMINISTRATION

TERMS AND CONDITIONS

Constituting Part of the Loan Agreement Providing for the Financing
and Construction of College Housing and Service Facilities
Under Title IV of the Housing Act of 1950
(Public Law 475, 81st Congress, as amended)

- Section 1. Definitions. As used in these Terms and Conditions:
- "Government" means the United States of America or the Housing and Home Finance Agency.
 - "Project" means the structure or structures which the Government has agreed to aid in financing under the Loan Agreement.
 - "Loan Agreement" means the contract between the Government and the Borrower covering the Project and includes both these Terms and Conditions and other contract instruments.
 - "Borrower" means the educational institution designated in the Loan Agreement.
 - "Bonds" mean the obligations which the Government has agreed to purchase under the Loan Agreement.
 - "Project Costs" mean the cost of construction work for the Project including fixed equipment, cost of necessary architectural/engineering services, legal, administrative and clerical costs, cost of land acquisition, necessary travel expenses, costs imposed by the Government to reimburse it for its field expenses, interest during construction, and other necessary miscellaneous expenses, all as determined by the Government.

Section 2. Prerequisites to Government's Obligations. The Government shall be under no obligation to advance funds or to purchase any Bonds under the Loan Agreement if:

- (a) Representations. Any representation made by the Borrower to the Government in connection with the application or loan shall be incorrect or incomplete in any material respect, or the Government determines that the Borrower has failed to proceed promptly with Project financing or construction;
- (b) Financial Condition. The financial condition of the Borrower shall have changed unfavorably in a material degree from its condition as theretofore represented to the Government;
- (c) Concurrence by Government. The Borrower, having submitted to the Government the documents mentioned in Section 16 hereof, shall have proceeded without having been advised by the Government that the same are satisfactory; it being the purpose

of this provision to insure that no action will be taken in the development of the Project which would result in a legal or contractual violation rendering it impossible for the Government to make the loan hereunder or for the parties to accomplish the objects of the Loan Agreement.

Section 3. Furnishings and Movable Equipment. The Borrower shall, on or before substantial completion of the Project, provide from sources other than the loan hereunder, and from sources and in a manner which will not jeopardize the security of the Bonds, the furnishings and movable equipment necessary to the full enjoyment of the use, occupancy and operation of the Project.

Section 4. Project Site. The Project shall be located on lands of the Borrower, at a site to be approved by the Government.

Section 5. Title Evidence. The Borrower shall furnish the Government satisfactory evidence of its ownership of the Project site.

Section 6. Purchase of Bonds. The Borrower shall initiate and prosecute to completion all proceedings necessary to the authorization, issuance, and sale of the Bonds and to the security thereof. When the said proceedings have been completed to the point of but not including the delivery of the Bonds to the Government, the Borrower may file a requisition requesting the Government to purchase the Bonds. The requisition shall be supported by such data as the Government shall require to determine whether the Government is obligated under the provisions of the applicable Loan Agreement to honor such requisition. If the Government is so obligated, it will purchase the Bonds covered by such requisition, within the limitations, however, specified in the Loan Agreement.

Section 7. Legal Matters. The Borrower shall furnish the Government a transcript of proceedings for the authorization, issuance, sale and security of the Bonds evidencing that the Bonds, when delivered and paid for, will constitute binding and legal obligations, payable and secured in accordance with their tenor, and that all proceedings for the financing and the acquisition, construction and development of the Project preliminary to the delivery of the Bonds to the Government have been had and adopted in due time, form, and manner as required by law.

Section 8. Security. The Borrower shall include in the proceedings for the authorization, issuance, sale, and security of the Bonds, provisions for the payment of the principal of and interest on the Bonds and for the security thereof of the nature required to assure such payment and to safeguard the loan hereunder, including, in case the Bonds are payable in whole or in part from any special sources of revenues, provisions designed to assure the production of such revenues and the application thereof to the extent required for the payment and security of the Bonds and interest thereon, including the maintenance of reasonable reserves.

Section 9. Opinion of Bond Counsel. Simultaneously with the delivery of any of the Bonds to the Government, the Borrower shall furnish to the Government the approving opinion of bond counsel who shall be satisfactory to the Government, and covering generally all of the Bonds and, specifically and unqualifiedly, the Bonds then being delivered to the Government.

Section 10. Construction Financing. The Borrower shall make every effort to obtain interim financing from private sources. Prior to entering into formal agreements for such financing, the Borrower shall furnish the Government with (1) a satisfactory preliminary opinion of bond counsel; (2) evidence of its ability to finance on reasonable terms the cost of the Project up to the time the Bonds are ready for delivery; and (3) evidence of the receipt of firm bids establishing that the Project can be constructed within the approved estimated cost thereof.

In the event any loan under temporary financing should become due prior to the time when the Bonds are ready for delivery, the Borrower may apply to and, provided that the Borrower is in compliance with the Terms and Conditions of this Loan Agreement, receive from the Government an advance against the Bonds in an amount sufficient to liquidate such temporary loan.

Should the Borrower be able to demonstrate to the Government's satisfaction that interim financing on reasonable terms is not available, the Government will consider requests for advances in anticipation of the issuance of the Bonds. Requisitions for construction advances shall be accompanied by such supporting data as the Government may require. The Government will honor such requisitions in amounts and at times deemed by it to be proper.

Any funds made available to the Borrower by the Government pursuant to this Section shall be repaid in full from the first proceeds derived from the sale of the Bonds, and shall bear interest at the rate specified for the Bonds in the Loan Agreement from the date made available to the date of repayment.

Section 11. Prerequisites to Loan Disbursements. Prior to the Government disbursing any portion of the loan proceeds, the Borrower shall present satisfactory evidence that:

- (a) It is able to provide the furnishings and movable equipment required for the operation of the Project, as specified in Section 3 hereof;
- (b) It has deposited in the Construction Account such funds as are necessary with the loan proceeds to assure completion of the Project; and
- (c) It is able to provide the Project site or sites free from all encumbrances.

Section 12. Construction Account. The Borrower shall set up in a bank or banks which are members of the Federal Deposit Insurance Corporation, or with the fiscal agency of the Borrower fixed by law, a separate account or accounts (herein collectively called the "Construction Account") into which shall be deposited any temporary loans, Government advances, and proceeds from the sale of the Bonds (except accrued interest payments), and the additional funds, if any, required by the provisions of the Loan Agreement to be furnished by the Borrower in order to assure the payment of all Project Costs. Moneys in the Construction Account shall be expended only for such purposes as shall have been previously specified in the project cost estimates approved by the Government.

Where the moneys on deposit in the Construction Account exceed the estimated disbursements on account of the Project for the next 90 days, the Borrower may deposit such excess funds in time deposits in banks that are members of the Federal Deposit Insurance Corporation or may invest such excess funds in direct obligations of, or obligations the principal of and interest on which are guaranteed by, the United States Government, which shall mature not later than 18 months after the date of such investment and which shall be subject to redemption at any time by the holder thereof. The earnings from any such deposits or investments shall be deposited in the Construction Account by the Borrower.

Any moneys remaining in the Construction Account after all costs of the Project have been paid shall be promptly used to the extent possible for the redemption of Bonds, and any residue shall be deposited in the Bond and Interest Sinking Fund provided for in the Loan Agreement.

Section 13. Payment of Costs--Additional Funds. The Borrower shall pay all Project Costs and furnish from sources other than the proceeds of the loan, and from sources and in a manner which will not jeopardize the security of the Bonds, the additional funds, if any, which will be sufficient to finance the total Project Costs.

Section 14. Prompt Procedure--Economic Construction. The Borrower covenants and agrees that it will proceed promptly with all matters necessary to the financing and the development of the Project; and that the Project will be undertaken and developed in such a manner that economy will be promoted in such development and in the construction work; and that the Project will not be of elaborate or extravagant design or materials.

Section 15. Approvals and Permits. The Borrower shall obtain all approvals and permits required by law as a condition precedent to the acquisition, construction, development, and operation of the Project.

Section 16. Submission of Proceedings, Contract and Other Documents. The Borrower shall submit to the Government such data, reports, records, and documents relating to the financing, construction, and operation of the Project and financial condition of the Borrower as the Government may require. Approval of the Government must be obtained prior to the assignment of any interest in or part of any contract relating to the Project.

Section 17. Construction by Contract. All work on the Project shall be done under contract and every opportunity shall be given for free, open, and competitive bidding for each and every construction, material, and equipment contract. The Borrower shall give such publicity by advertisements or calls for bids by it for the furnishing to it of work, labor, materials, and equipment as required by applicable law and as will provide adequate competition; and the award of each contract therefor shall be made, after approval by the Government, to the lowest responsible bidder as soon as practicable: Provided, that in the selection of equipment or materials the Borrower may, in the interest of standardization or ultimate economy, if the advantage of such standardization or such ultimate economy is clearly evident, award a contract to a responsible bidder other than the lowest in price. The Borrower shall obtain the concurrence of the Government before approving subcontracts relating to the Project.

Section 18. Changes in Construction Contract. Any change in a construction contract shall be submitted to the Government for approval. Construction contracts shall include a provision specifying that the above requirement will be met.

Section 19. Contract Security. The Borrower shall require that each construction contractor shall furnish a performance bond in an amount at least equal to 100 percent of his contract price as security for the faithful performance of his contract and also a payment bond in amount not less than 50 percent of his contract price or in a penal sum not less than that prescribed by State, territorial, or local law, as security for the payment of all persons performing labor on the Project under his contract and furnishing materials in connection with his contract. The performance bond and the payment bond may be in one or in separate instruments in accordance with local law.

Section 20. Insurance During Construction. The borrower shall require that each of its contractors and all subcontractors shall maintain during the life of his contract Workmen's Compensation Insurance, Public Liability and Property Damage Insurance in amounts and on terms satisfactory to the Government. Until the project is completed and accepted by the borrower, the borrower is required to maintain Builders Risk Insurance (fire and extended coverage) on a 100 percent basis (completed value form) on the insurable portion of the project for the benefit of the borrower, the prime contractor, and all subcontractors, as their interests may appear.

Section 21. (a) Wage Rates: Upon receipt of the list of wage rates determined by the Secretary of Labor in accordance with the Act of March 3, 1931 (Davis-Bacon Act, as amended), the Borrower shall include such list in all contracts calling for work on the Project and require adherence thereto. The Borrower shall also require of each of its contractors that such list shall be posted at appropriate conspicuous points on the site of the Project. Unless otherwise required by law, wage rates need not be listed for non-manual workers, including executive, supervisory, administrative and clerical employees.

If, after the award of the contract, it becomes necessary to employ any person in a trade or occupation not classified in the above list, such person shall be paid at not less than a rate to be determined by the Secretary of Labor. Such approved minimum rate shall be retroactive to the time of the initial employment of such person in such trade or occupation. The contractor shall notify the Borrower of his intention to employ persons in trades or occupations not classified in sufficient time for the Borrower to obtain approved rates for such trades or occupations.

(b) Contract Work Hours: The Applicant shall comply with the provisions of the Contract Work Hours Standards Act (P.L. 87-581) which provides that the Applicant will also require of its contractors that no laborer or mechanic shall be required or permitted to be employed in such work in excess of eight hours in any calendar day or in excess of forty hours in any workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times his basic rate of pay for all hours worked in excess of eight hours in any calendar day or in excess of forty hours in such workweek as the case may be.

(c) The Government may waive the application of this Section in cases or classes of cases where laborers or mechanics, not otherwise employed at any time in the construction of the Project, voluntarily donate their services without full compensation for the purpose of lowering the costs of construction and the Government determines that any amounts saved thereby are fully credited to the Borrower.

Section 22. Payment of Employees. The Borrower shall require of its contractors that all employees engaged in work on the Project be paid in full (less deductions made mandatory by law) not less often than once each week.

Section 23. Wage Underpayments and Adjustments. The Borrower shall require of each of its contractors that, in cases of underpayment of wages by the contractor, the Borrower may withhold from such contractor out of payments due, an amount sufficient to pay workers employed on the work covered by his contract the difference between the wages required to be paid under the contract and the wages actually paid such workers for the total number of hours worked and may disburse such amounts so withheld by it for and on account of the contractor to the respective employees to whom they are due.

Section 24. Anti-Kickback Statute. The so-called Anti-Kickback Statute, Public Law No. 324, 73rd Congress, approved June 13, 1934 (48 Stat. 1948 as amended), and the regulations issued pursuant thereto, are a part of the Loan Agreement, and the Borrower shall comply, and require each of its contractors employed in the construction, prosecution, or completion of the Project to comply therewith, and to cause his subcontractors to do likewise.

Section 25. Accident Prevention. The Borrower shall require of its contractors that precaution shall be exercised at all times for the protection of persons (including employees) and property, and that hazardous conditions be guarded against or eliminated.

Section 26. Supervision and Inspection. The Borrower shall provide and maintain on its own behalf competent and adequate architectural or engineering services covering the supervision and inspection of the development and construction of the Project.

Section 27. Nondiscrimination. The Borrower shall require that there shall be no discrimination against any employee who is employed in carrying out the Project, or against any applicant for such employment, because of race, religion, color or national origin. This provision shall include, but not be limited to, the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Borrower shall insert the foregoing provision of this Section in all its contracts for Project work and will require all of its contractors for such work to insert a similar provision in all subcontracts for Project work: Provided, that the foregoing provisions of this Section shall not apply to contracts or subcontracts for standard commercial supplies or raw materials. The Borrower shall post at the Project, in conspicuous places available for employees and applicants for employment, notices to be provided by the Government setting forth the provisions of this nondiscrimination clause.

Section 28. Payments to Contractors. Not later than the fifteenth day of each calendar month the Borrower shall make a partial payment to each construction contractor on the basis of a duly certified and approved estimate of the work performed during the preceding calendar month by the particular contractor, but shall retain until final completion and acceptance of all work covered by the particular contract a reasonable amount, specified in the contract, sufficient to insure the proper performance of the contract.

Section 29. Audit and Inspection. The Borrower shall require of its contractors that the Government's authorized representatives be permitted, and it will itself permit them, to inspect all work, materials, payrolls, records of personnel, invoices of materials and other relevant data and records appertaining to the development of the Project; and shall permit the Government's authorized representatives to audit the books, records, and accounts of the Borrower appertaining to the loan and the development of the Project.

Section 30. Government Field Expense. The Government will bill the Borrower for payment of the fee specified in the Loan Agreement to cover audit and inspection costs and payment will be due from the first funds deposited in the Construction Account. In the event of termination of the Loan Agreement through the sale of all of the Bonds to private purchasers, the Borrower shall be entitled to a refund of all or a proportionate part of the fee. The refund shall be in such an amount as the Government determines to be equitable under the circumstances.

Section 31. Signs. The Borrower shall cause to be erected at the site of the Project, and maintained during construction, signs satisfactory to the Government identifying the Project and indicating the fact that the Government is participating in the development of the Project.

Section 32. Retention of Title. So long as the Government holds any of the Bonds, the Borrower shall not dispose of its title to the Project or to any facility the revenues of which are pledged as security for the Bonds, or to any useful part thereof, including any facility necessary to the operation and use thereof, and the lands and interests in lands comprising their sites, except as permitted in the Loan Agreement and the bond authorizing proceedings.

Section 33. Insurance on Completed Project.

(a) Fire and Extended Coverage. Upon acceptance of the Project from the contractor, the Borrower shall, if such insurance is not already in force, procure Fire and Extended Coverage Insurance on the Project and, upon receipt of funds acquired pursuant to the Loan Agreement, the Borrower shall, if such insurance is not already in force, procure Fire and Extended Coverage Insurance on any other of its buildings the revenues of which are pledged to the security of the loan. The foregoing Fire and Extended Coverage Insurance shall be maintained so long as any of the Bonds are outstanding and shall be in amounts sufficient to provide for not less than full recovery whenever a loss from perils insured against does not exceed 80 percent of the full insurable value of the damaged building.

Where a Trustee is to be or has been designated in connection with the Bonds, each such insurance policy shall be acceptable to the Trustee and shall contain a clause making all losses payable to the Trustee as its interest may appear.

In the event of any damage to or destruction of any of said building or buildings, the Borrower shall promptly arrange for the application of the insurance proceeds for the repair or reconstruction of the damaged or destroyed portion thereof, or retire the outstanding bonds.

(b) Boiler Insurance. Upon acceptance of the Project from the contractor, the Borrower shall, if such insurance is not already in force, procure and maintain, so long as any of the Bonds are outstanding, Boiler Insurance covering any steam boilers servicing the Project, in a minimum amount of \$50,000.00.

(c) Liability Insurance. Upon receipt of any funds acquired pursuant to the Loan Agreement, the borrower shall, if such insurance is not already in force, procure and maintain, so long as any of the Bonds are outstanding, Public Liability Insurance with limits of not less than \$100,000 for one person and \$300,000 for more than one person involved in one accident to protect the borrower from claims for bodily injury and/or death which may arise from the borrower's operations, including any use or occupancy of its grounds, structures and vehicles, and including any non-owned vehicles operated for the benefit of the borrower. The borrower shall also maintain Vehicle Property Damage Insurance with limits of not less than \$10,000.

(d) Use and Occupancy Insurance. Immediately upon occupancy of any portion of the Project and so long thereafter as the funds and investments of the Bond and Interest Sinking Fund Account or Collateral Account, if any (as provided in the Loan Agreement) are less than the maximum debt service reserve required by said provisions of the Loan Agreement, the Borrower shall procure and maintain Use and Occupancy Insurance on each building, the revenues of which are pledged to payment of the Bonds, in an amount sufficient to enable the Borrower to deposit in the Bond and Interest Sinking Fund Account, out of the proceeds of such insurance, an amount equal to the sum that would normally have been available for deposit in such Account from the revenues of the damaged building during the time the damaged building is non-revenue producing as a result of loss of use caused by the perils covered by Fire and Extended Coverage Insurance. Where a Trustee is to be or has been designated in connection with the Bonds, each such insurance policy shall be acceptable to the Trustee and shall contain a loss payable clause making any loss thereunder payable to the Trustee as its interest may appear.

Section 34. Parietal Rules. The Borrower shall establish and maintain so long as any of the Bonds are outstanding, such parietal rules, rental rates and charges for the use of the Project facilities and such other facilities the revenues of which are pledged to the payment of the Bonds as may be necessary to (1) assure maximum occupancy and use of said facilities and (2) provide together with any other funds herein pledged to payment of the Bonds (a) the operating and maintenance expenses of said facilities, (b) the debt service on the Bonds, (c) the required reserve therefor, and (d) the Repair and Replacement Reserve where such reserves are required.

Section 35. Proper Records and Books. The Borrower covenants that it will keep accurate financial records and proper books relating to the Project, other facilities the revenues of which are pledged to secure the Bonds, and other pledged revenue sources, and such records and books shall be open to inspection by the Bondholders and their agents and representatives. The

Borrower further covenants that not later than 90 days after the close of each fiscal year it will furnish to the Trustee and to any Bondholder who shall request same in writing, copies of audit reports prepared by an independent public accountant, or where appropriate, by the State auditing official, reflecting in reasonable detail the financial condition and record of operation of the Borrower, the Project, other pledged facilities, and other pledged revenue sources, including particularly the Borrower's enrollment, the occupancy or degree of use of and rates charged for the use of, and the insurance on, the Project and any other facilities the revenues of which are pledged in the Loan Agreement, and the status of the several accounts and funds required by the Loan Agreement.

Section 36. Investment of Funds. Moneys on deposit to the credit of the Bond and Interest Sinking Fund Account and/or the Repair and Replacement Reserve Account shall, upon request by the Borrower, be invested by the Trustee or other designated depository, in direct obligations of, or obligations the principal of and the interest on which are guaranteed by, the United States Government. Where the Borrower is required to maintain fixed amounts in such accounts, the investments of such funds shall be valued in terms of current market value as of June 30 and December 31 of each year.

Section 37. Bond Redemption. So long as the Government holds any of the Bonds, it will waive the non-callable provisions, redemption premiums, and publication of notice of call applicable thereto.

Section 38. Interest of Third Parties. The Loan Agreement is not for the benefit of third parties, including the holders from time to time of any of the Bonds, and the Government shall be under no obligation to any such parties, whether or not indirectly interested in said Agreement, to pay any charges or expenses incident to compliance by the Borrower with any of its duties or obligations thereunder.

Section 39. Interest of Members of or Delegates to Congress. No member of or delegate to the Congress of the United States shall be admitted to any share or part of this Agreement or to any benefit arising therefrom.

Section 40. Bonus or Commission. By execution of the Loan Agreement the Borrower represents that it has not paid and, also, agrees not to pay, any bonus, commission, or fee for the purpose of obtaining an approval of its application for the loan hereunder.

EXHIBIT B

CH-Tex-180(S)

The Following Special Conditions are made a part of the Loan Agreement for the above-numbered project, as specified in Section 6 of the Loan Agreement.

- A. Prior to filing any requisition for loan funds, the Borrower shall:
1. Present a certificate executed by the senior financial officer of the College, approved by the President of the College, stating that the College is in full compliance with all covenants and undertakings in connection with all bonds of the College now outstanding and payable from the revenues of the Housing System or any part thereof;
 2. Present an estimate of the pledged revenues prepared by the chief financial officer of the College, approved by the President of the College and the governing body, showing that said pledged revenues will equal at least one and thirty-five hundredths (1.35) times the average annual debt service requirements for principal and interest on all outstanding bonds payable from the revenues of the Housing System including bonds authorized but not yet issued and the additional parity bonds to be issued. The pledged revenue and calculation of average annual debt service requirements for principal and interest shall be determined as set forth in the Bond Resolution which established the Housing System and authorized issuance of the Housing System Revenue Bonds of 1962, Series A, Series B, Series C, Series D, Series E, and Series F;
 3. Present satisfactory evidence that it has deposited into the Construction Account the sum of \$200,000 being the difference between the amount of the loan and the estimated development cost of the Project. Section 12, Construction Account, of the Terms and Conditions attached to the Loan Agreement is hereby modified by substitution of the following sentences for the last paragraph of that Section: Any moneys remaining in the Construction Account after all costs of the project have been paid, but not more than \$200,000, shall be returned to the Borrower. Any funds then remaining in the Construction Account shall be promptly used for redemption of Bonds; provided, however, that any of such funds in an amount less than \$1,000 shall be deposited into the System Bond Fund.
- B. The Borrower covenants and agrees that when the outstanding Dormitory Revenue Bonds, Series 1940, and the outstanding Building Revenue Bonds, Series 1946, have all been retired, the project shall be made part of the Housing System and the revenues derived therefrom commingled with Housing System funds.
- C. The Bonds herein proposed shall be on a parity with, in all respects, the Texas Technological College Housing System Revenue Bonds of 1962, Series A, Series B, Series C, Series D, Series E and Series F, dated March 1, 1962. All provisions contained in the Bond Resolution authorizing the Bonds herein proposed and described shall be consistent with the Bond Resolution

which authorized the issuance of the aforementioned parity bonds including the Flow of Funds and the use of the already established funds and accounts to the extent required.

- D. The Borrower shall covenant and agree to deposit the accrued interest received from the sale of the Bonds, into the System Bond Fund, and thereafter, as soon as any portion of the project becomes available for use, the Borrower shall transfer from the System Revenue Fund and other pledged revenue available therefor and deposit into the System Bond Fund the following amounts in addition to payments otherwise required to be made therein:
1. By February 15 and August 15 in each year during the time the Bonds, or any of them, are outstanding, a sum of money not less than the next maturing interest on the Bonds;
 2. By February 15 in each year during the time the Bonds, or any of them, are outstanding, a sum of money not less than the next maturing principal on the Bonds; and
 3. Beginning with the first February 15 or August 15 next following the date upon which the Project facilities are completed and available for use and occupancy and on each February 15 and August 15 thereafter, an additional amount of \$10,750 until an additional debt service reserve of \$123,000 on the outstanding Bonds has been established, and thereafter, such sums annually as may be necessary to maintain the additional \$123,000 reserve on the outstanding Bonds.
- E. As soon as the additional reserve of \$123,000 has been established in the System Bond Fund, the Borrower shall, on or before the close of each fiscal year, transfer from the System Revenue Fund and from other pledged revenue available therefor and deposit into the System Repair and Replacement Reserve Account as an additional reserve, the sum of not more than \$12,000 annually until such time as the funds and/or investments in the additional reserve shall aggregate \$120,000 and thereafter such sums, but not more than \$12,000 annually as may be required to restore and maintain the additional reserve in the sum of \$120,000.
- F. The Borrower shall have the power to issue additional parity bonds payable from the revenues pledged to these Bonds and other outstanding parity bonds provided that in each instance the Borrower has complied with the provisions governing the issuance of additional parity bonds as so stated in the Bond Resolutions which have authorized the issuance of the parity bonds outstanding and payable from the revenues of the Housing System and/or any part thereof.
- G. Section 27, Nondiscrimination, of the Terms and Conditions is revised to read as follows:
- "Section 27. Nondiscrimination.
- (a) The Borrower shall require that there shall be no discrimination against any employee who is employed in carrying out the Project,

or against any applicant for such employment, because of race, creed, color or national origin. This provision shall include, but not be limited to, the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship.

- (b) The Borrower hereby agrees to the following conditions: (1) it will incorporate or cause to be incorporated into any contract for construction work, or modification thereof, paid for in whole or in part with funds obtained under the Loan Agreement, the provisions prescribed for Government contracts and Federally assisted construction contracts by Section 301 of Executive Order 10925, as amended; (2) it will assist and cooperate actively with the Housing and Home Finance Agency and the President's Committee on Equal Employment Opportunity (the "Committee") in obtaining the compliance of contractors and subcontractors with said contract provisions and with the rules, regulations, and relevant orders of the Committee; (3) it will obtain and furnish to the Housing and Home Finance Agency and to the Committee such information as they may require for the supervision of such compliance; (4) it will enforce the obligations of contractors and subcontractors under such provisions, rules, regulations and orders; (5) it will carry out sanctions and penalties for violation of such obligations imposed upon contractors and subcontractors by the Committee or the Housing and Home Finance Agency; and (6) it will refrain from entering into any contract subject to this order, or extension or other modification of such a contract with a contractor debarred from Government contracts and Federally assisted construction contracts under Part III, Subpart D of Executive Order 10925, as amended, or who has not demonstrated his eligibility for such contracts as provided in Part III of Executive Order 10925, as amended; and (7) in the event the Borrower fails and refuses to comply with its undertakings the Borrower agrees that the Housing and Home Finance Agency may cancel, terminate or suspend in whole or in part the Loan Agreement, may refrain from extending any further assistance under any of its programs subject to Executive Order 11114 until satisfactory assurance of future compliance has been received from such Borrower, or may refer the case to the Department of Justice for appropriate legal proceedings."

C O P Y

CERTIFICATE OF RECORDING OFFICER

I, the undersigned, the duly qualified and acting Recording Officer
of _____
_____ (herein called the "Applicant"),
and the keeper of the records of the Applicant, including the Journal of
Proceedings of the _____
(herein called the "Governing Body") do hereby certify:

1. That the attached resolution is a true and correct copy of the
resolution as finally adopted at a meeting of the governing body held on
the _____ day of _____, 196____, and duly recorded in my
office;

2. That said meeting was duly convened and held in all respects
in accordance with law and to the extent required by law and due and
proper notice of such meeting was given; and a legal quorum was present
throughout the meeting, and a legally sufficient number of members of
the governing body voted in the proper manner and for the adoption of
said resolution; that all other requirements and proceedings under the
law incident to the proper adoption or passage of said resolution,
including publication, if required, have been duly fulfilled, carried
out, and otherwise observed; and that I am authorized to execute this
certificate.

IN WITNESS WHEREOF, I have hereunto set my hand this _____ day of
_____, 196____.

(Signature of Officer)

(Official Title)

(SEAL)

(If Applicant has no seal, make and
sign statement to that effect here)

STATE OF TEXAS

COUNTY OF LUBBOCK

THIS AGREEMENT made the 15th day of February, 1964 by and between the Board of Directors of Texas Technological College, Lubbock, Lubbock County, Texas, acting herein by and through Manuel DeBusk, Dallas, Dallas County, Texas, Chairman, hereinafter called the Owner, and J. R. Francis, General Contractor, Inc., El Paso, El Paso County, Texas, hereinafter called the Contractor.

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

ARTICLE 1 SCOPE OF THE WORK: The Contractor shall furnish all the material and equipment and shall perform all the work for the delivery, erection, and setting in place of Portable Kitchen Equipment, Bakery Equipment and Materials Handling Equipment in the Consolidation of Food Service Units and Central Food Facilities, on the campus of Texas Technological College, Lubbock, Texas, (further identified as HHFA Project CH Tex 180 (S)), such work to include all phases of the work as covered in the Drawings, Specifications and Addenda listed hereinafter in Article 8, prepared by Associated Architects & Engineers of Lubbock, a group of firms consisting of Stiles, Roberts and Messersmith; McMurtry and Craig; and Schmidt and Stuart all of Lubbock, Lubbock County Texas, hereinafter called the Architects, and Arthur W. Dana, food operations consultant, and such work shall be performed in such manner as to receive the complete approval of said Architects and of the Supervising Architect of Texas Technological College.

ARTICLE 2 CONTRACT SUM: The Owner shall pay to the Contractor for the full performance of the contract subject to additions and deductions provided therein, in current funds the sum of ninety-eight thousand, one hundred thirty dollars and forty-eight cents. \$98,130.48. Consisting of the following assigned contracts and statutory bonds:

American Products Company (Portable Bakery Equipment - bid + Item 32)	\$39,675.75
Bivins & Company (Portable Materials Handling Equipment)	16,948.00
Commercial Kitchens, Inc. (Portable Kitchen Equipment)	40,873.00
Bond	<u>\$97,496.75</u>
	633.73
TOTAL	<u>\$98,130.48</u>

The foregoing total is comprised of materials cost in the aggregate sum of \$ 97,496.75 and labor in the aggregate sum of \$ 633.73.

ARTICLE 3 COMPLETION OF THE CONTRACT: Work on this contract shall be commenced immediately after the Contractor has been notified in writing by the Owner and shall be fully completed on or before 1 September 1964 for the Central Food Facilities and on or before 1 November 1964 for the Consolidation of Food Service Units.

The Contractor further agrees to pay, as liquidated damages, the sum of \$500.00 for each consecutive calendar day thereafter as provided in paragraph 19 of the general conditions.

ARTICLE 4 METHOD OF PAYMENT: There being no default on the part of the Contractor existing, the Owner shall make payments to the Contractor on certificate of the Architect approximately every thirty (30) days, it being understood that payments shall be made upon ninety per cent (90%) of the value of labor and material in the work and materials suitably stored at the site, with the provision that no payment ever shall be made which in the judgment of the Architect will leave less than an amount sufficient to complete the work.

ARTICLE 5 COMPLETION AND FINAL PAYMENT: Upon completion of the entire work as certified by the Architects there shall be paid to the Contractor within thirty (30) days the amount necessary to complete payment of the entire amount of the contract sum stipulated in Article 2 together with approved additions and deductions subject to the terms of the Contract and the General Conditions.

Before this final certificate is issued, the Contractor shall submit evidence satisfactory to the Architect showing payment for all labor and material used or furnished for use in the work, whether secured by a

lien or not, and whether furnished by the Contractor or Sub-contractors, and that all obligations of the Contractor under the Contract, Plans, Specifications and General Conditions have been fully performed.

ARTICLE 6 The Contractor shall comply with and conform to all labor laws of the State of Texas and the various acts amendatory and supplementary thereto and to all laws, ordinances, and legal requirements applicable thereto.

ARTICLE 7 BOND: The Contractor shall provide to the Owner Surety Bonds from a reputable bonding company in the full amount of the Contract Sum, payable to the State of Texas covering the full and faithful performance of the Contract and the payments of all obligations arising thereunder.

ARTICLE 8 CONTRACT DOCUMENTS:

1. Information for Bidders, General Conditions, Supplemental General Conditions and Specifications covering all phases of the work bound under cover entitled "Consolidation of Food Service Units, Central Food Facilities - Food Service Equipment, Texas Technological College, Lubbock, Texas" undated.
2. Addendum Number 1 to the Food Service Equipment Specifications consisting of five (5) pages and wage rate prepared by U. S. Department of Labor, dated November 27, 1963.
3. Addendum Number 2 to the Food Service Equipment Specifications consisting of one (1) page with attached revised Bid forms for Kitchen Equipment, twelve (12) pages; Bakery Equipment, five (5) pages, Materials Handling Equipment, three (3) pages, and revised Information for Bidders, six (6) pages dated December 5, 1963.
4. Addendum Number 3 to the Food Service Equipment Specifications consisting of one (1) page, dated December 6, 1963.
5. Addendum Number 4 to the Food Service Equipment Specifications, one (1) page, dated December 11, 1963.
6. Drawings: Food Service Equipment sheets FS-1 through FS-6 of 6 inclusive entitled "Cafeteria Consolidation and Central Food

Facilities for Texas Technological College" and further
identified as HHFA Project No. CH Tex 180 (S) dated October 31,
1963.

IN WITNESS WHEREOF, the parties hereto have executed this agreement the
day and year first above written.

(Seal)
ATTEST:

/s/ J. Roy Wells
Secretary

(Seal)
ATTEST:

/s/ J. W. Cadwell
Secretary (Asst.)

Owner
Board of Directors
Texas Technological College

By /s/ Manuel DeBusk
Manuel DeBusk, Chairman

Contractor
J. R. Francis, Inc.

By /s/ J. R. Francis
President
Title

CFA-238-F
(7-62)

CONTRACT

THIS AGREEMENT, made this the 15th day of February, 1964, by and between (1) Board of Directors, Texas Technological College, acting herein through its (2) Chairman, Manuel DeBusk, Dallas, Dallas County, Texas, hereinafter called "Owner" and (3) J. R. Francis, General Contractor, Inc., a corporation of the City of El Paso, County of El Paso, 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: Consolidated Food Service Units and Central Food Facilities on the Campus of Texas Technological College, Lubbock, Texas, HHFA Project CH Tex 180 (S), hereinafter called the project, for the sum of one million, three hundred eighty two thousand twenty six and 62/100 dollars (\$1,382,026.62)* and all extra work in connection therewith, 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 specifications and contract documents therefor as prepared by Associated Architects and Engineers of Lubbock, 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 and to fully complete the portion of the project identified

*Materials \$905,997.35, Labor \$476,029.27

- (1) Corporate name of Owner.
- (2) Title of Authorized official.
- (3) Strike out inapplicable terms. Secretary of the Owner should attest. If Contractor is corporation, Secretary should attest. Give proper title of each person executing contract.

LEASE-RENTAL AGREEMENT

STATE OF TEXAS ()

COUNTY OF LUBBOCK ()

KNOW ALL MEN BY THESE PRESENTS:

Texas Technological College, Lubbock, Texas, acting herein by its duly authorized agent, M. L. PENNINGTON, hereinafter called Lessor, and TANDY LEATHER COMPANY OF DALLAS, a Texas corporation, hereinafter called Lessee, having entered into the following lease-rental agreement:

I.

Lessor is the owner of the premises located on Lot Twelve (12), Block One Hundred Thirty-Four (134), Original Town of Lubbock, Lubbock County, Texas, and known as 1218 Avenue H, Lubbock, Texas, and has agreed to lease said premises unto the Lessee for a period of two (2) years beginning April 1, 1964, and ending March 31, 1966, at a monthly rental of \$125.00 per month, payable monthly in advance to the Lessor at Lubbock, Texas, with the first and last months' rent payable on the execution of this lease, receipt of which is hereby acknowledged.

II.

The Lessee agrees to pay \$3,000.00 unto Lessor for said lease at the rate of \$125.00 per month, payable monthly in advance during the term of this lease.

III.

It is further agreed that the Lessee may sublet all or any part of said premises during the term thereof, provided the written consent thereto is first obtained from the Lessor. No subleasing hereunder shall relieve the Lessee from any of his obligations hereunder, and said Lessee shall remain liable on the terms and conditions set out in this agreement.

IV.

The Lessor reserves the right to sell said premises during the term of this lease or any extension thereof, but shall be required to give Lessee written notice ninety (90) days prior to the date of possession, and the rentals shall be prorated down to the date of delivery of possession by the Lessee.

V.

It is understood and agreed by the parties that Lessor shall be responsible for the upkeep and repair of the roof on said building and that the Lessee at his own expense shall be responsible for all other repairs necessary to the proper maintenance of said building during the term of said lease.

VI.

The Lessee agrees to carry sufficient insurance on all plate glass windows in said building at his own expense and to replace said glass if broken or damaged. The Lessee is further obligated to comply with all governmental regulations during the term of this lease and at the end of this lease or other expiration, shall deliver up the demised premises in good order and condition, natural deterioration and damage by fire and the elements only excepted.

VII.

The Lessee at his own expense is hereby granted the right to erect partitions in said building and shall have the right to remove same at the expiration of the term, provided that damage done to said building shall be repaired at Lessee's expense. The lights and fixtures in said building belong to Lessor, and said property shall be returned to Lessor in good condition at the end of the term hereof, fair wear and tear only excepted.

VIII.

The Lessee shall, in case of fire, give immediate notice to the Lessor, who shall thereupon cause the damage to be repaired forthwith; but if the premises be by the Lessor deemed so damaged as to be unfit for occupancy, or if the Lessor shall decide to rebuild or remodel the said building, the lease shall cease, the rent to be paid to the time of the fire.

IX.

In case of default in any of the covenants herein, Lessor may enforce the performance of this lease in any modes provided by law, and this lease may be forfeited at Lessor's discretion if such default continues for a period of ten (10) days after Lessor notifies said Lessee of such default

and his intention to declare the lease forfeited, such notice to be sent by the Lessor by mail or otherwise to the demised premises; and thereupon (unless the Lessee shall have completely removed or cured said default) this lease shall cease and come to an end as if that were the day originally fixed herein for the expiration of the term hereof, and Lessor's agent or attorney shall have the right without further notice to demand to reenter and remove all persons and Lessee's property therefrom without being deemed guilty of any manner of trespass, and without prejudice to any remedies for arrears of renter's breach of covenant, or Lessor's agent or attorney may resume possession of the premises and relet the same for the remainder of the term at the best rent said agent or attorney may obtain, for account of the Lessee, who shall make good any deficiency; and the Lessor shall have a lien as security for the rent aforesaid upon all the goods, wares, chattels, implements, fixtures, furniture, tools and other personal property which are or may be put on the demised premises.

X.

The Lessor shall not be liable to Lessee or to Lessee's employees, patrons or visitors for any damage to person or property, caused by the act of negligence of any other tenant of said demised premises or due to the building on said premises or any appurtenances thereof being improperly constructed or being or becoming out of repair, nor for any damages from any defects or want of repair of any part of the building of which the leased premises form a part, but the Lessee accepts such premises as suitable for the purposes for which same are leased and accepts the building and each and every appurtenance thereof, and waives defects therein and agrees to hold the Lessor harmless from all claims for any such damage.

XI.

The Lessee shall not place any signs at, on or about the premises except as and where first approved by the Lessor; and the Lessor shall have the right to remove any sign or signs in order to paint the building or premises or make any other repairs or alterations.

XII.

In the event that the Lessee shall become bankrupt or shall make a voluntary assignment for the benefit of creditors, or in the event that a receiver of the Lessee shall be appointed, then, at the option of the Lessor and upon five (5) days' notice to the Lessee of the exercise of such option, this lease shall cease and come to an end.

IN TESTIMONY WHEREOF, the parties of this agreement have hereunto set their hands in duplicate this _____ day of _____, A.D., 1964.

TEXAS TECHNOLOGICAL COLLEGE

BY: _____
M. L. Pennington, Lessor
Vice President for Business Affairs

TANDY LEATHER COMPANY OF DALLAS

BY: _____

ATTEST:

THE CONSTRUCTION OF WALKS AT SPEECH AND PSYCHOLOGY BUILDINGS

TABULATION OF BIDS; OPENED FEBRUARY 12, 1964, AT 2 P. M.

CONTRACTOR	BID BOND	UNIT PRICE		BASE BID
		4"	5" Reinforced	
Elmer M. Calhoun	X	\$34.75	\$41.75	\$8,444.75
Frank Hodges Cement Contractor	X	32.40	40.00	7,884.00
Welch Brothers Cement Contractors	X	34.75	43.00	8,457.25

STATE OF TEXAS §
 §
COUNTY OF LUBBOCK §

THIS AGREEMENT made the 24th day of February, 1964, by and between the Board of Directors, Texas Technological College, Lubbock, Texas, acting herein by and through Manuel DeBusk, Dallas, Dallas County, Texas, Chairman of the Board of Directors, hereinafter called the Owner, and Frank Hodges, Cement 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 and equipment to construct the walks at the Speech and Psychology Buildings, as described in the specifications 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 document.

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

1. Concrete sidewalk, four (4) inch thickness, including all excavation and fill under sidewalk, complete in place, per square foot. Thirty-two and four-tenths cents. (32.4 cents)
2. Concrete sidewalk, five (5) inch thickness, reinforced, including all excavation and fill under sidewalks, complete in place, per square foot. Forty cents. (40 cents)

Based on quantities provided in the drawings and specifications, the estimated contract amount in Seven Thousand Eight Hundred Eighty-Four and no/100 Dollars (\$7,884.00) which sum consists of Two Thousand Four Hundred Twenty and no/100 Dollars (\$2,420.00) for labor costs and Four Thousand Eight Hundred Ninety-Four and 04/100 Dollars (\$4,894.04) for materials.

ARTICLE 3. COMPLETION OF THE CONTRACT - The work shall be completed within the time allotted on the Bid Proposal.

ARTICLE 4. BOND - The Contractor shall provide to the Owner a performance bond in the amount of 100 per cent (100%) of the Contract Sum, without recourse, to the State of Texas, covering faithful performance of the contract and the payment of all obligations arising thereunder.

ARTICLE 5. ACCEPTANCE OF 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:

Sheet No. 1.

Specifications:

Notice to Bidders	One (1) sheet.
Proposal No. 1	Two (2) sheets.
General Conditions of the Agreement	Four (4) sheets.
Details of Construction	Two (2) sheets.
Prevailing Wage Rates	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.

ATTEST:

BOARD OF DIRECTORS
TEXAS TECHNOLOGICAL COLLEGE

/s/ J. Roy Wells
Secretary

By /s/ Manuel DeBusk
Chairman of its Board of Directors

FRANK HODGES, CEMENT CONTRACTOR

By /s/ Frank Hodges
Owner

THE CONSTRUCTION OF WALKS AND DRIVES, LUMP SUM BID
KILLGORE BEEF CATTLE CENTER
TABULATION OF BIDS; OPENED FEBRUARY 12, 1964, AT 2 P. M.

CONTRACTOR	BID BOND	ADDENDA #1 ACKNOWLEDGED	BASE BID
Bi-Co Pavers Inc.	-0-	-0-	NB
Boren Construction Company	-0-	-0-	NB
Chitwood & Son, Asphalt Contractors	-0-	-0-	NB
L & M Asphalt Paving and Repair	-0-	-0-	NB
J. Lee Milligan, Inc.	-0-	-0-	NB
C. D. Taylor Construction Company	-0-	-0-	NB
Wright Brothers Paving & Excavating	X	X	\$ 21,969.15(a)

(a) Includes crushed caliche as specified. Alternate bid of \$19,400.00 for pit-run caliche.

STATE OF TEXAS X
 X
COUNTY OF LUBBOCK X

THIS AGREEMENT made the 25th day of February, 1964,
by and between the Board of Directors, Texas Technological College,
Lubbock, Texas, acting herein by and through Manuel DeBusk, Dallas,
Dallas County, Texas, Chairman of the Board of Directors, hereinafter
called the Owner, and Wright Brothers, Paving and Dirt Work Contractors,
Amarillo, Potter County, Texas, hereinafter called the Contractor.

WITNESSETH, that the Owner and Contractor for the Considera-
tions hereinafter named agree as follows:

ARTICLE 1. SCOPE OF THE WORK - The Contractor shall furnish
all labor, superintendence, materials and equipment to construct drives
and sidewalks at the Killgore Beef Cattle Center, Texas Technological
Research Farm, Pantex, Texas, as described in the Specifications 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 document.

ARTICLE 2. CONTRACT SUM - The Owner shall pay the Contractor
for full performance of the Contract the sum of Twenty One Thousand
Nine Hundred Sixty-Nine and 15/100 Dollars (\$21,969.15). Of the above
contract sum, the total material cost is Eleven Thousand Nine Hundred
Fifty and no/100 Dollars (\$11,950.00) and labor cost is Ten Thousand
Nineteen and 15/100 Dollars (\$10,019.15).

ARTICLE 3. COMPLETION OF THE CONTRACT - The work shall be
completed within the time allotted on the Bid Proposal.

ARTICLE 4. BOND - The Contractor shall provide to the Owner
a performance bond in the amount of One Hundred per cent (100%) of the
Contract Sum, without recourse, to the State of Texas, covering the
faithful performance of the contract and the 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	Two (2) sheets.
General Conditions	Four (4) sheets.
Prevailing Wage Rates	Three (3) sheets.
Details of Construction	Two (2) sheets.

Technical Specifications:

Item Specifications	Twelve (12) sheets.
Addendum No. 1	One (1) sheet.

IN WITNESS WHEREOF, they have executed this agreement the day
and year first above written.

(Seal)
ATTEST:

BOARD OF DIRECTORS
TEXAS TECHNOLOGICAL COLLEGE

/s/ J. Roy Wells
Secretary

By /s/ Manuel DeBusk
Chairman of its Board of Directors

WRIGHT BROTHERS, PAVING AND DIRT
WORK CONTRACTORS

By /s/ Clauddell Wright
Owner