VOLUME III

COLLEGE OF ARTS AND SCIENCES

LONG RANGE PLANS

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COLLEGE OF ARTS AND SCIENCES

LONG-RANGE PLANS

DEPARTMENT OF ANTHROPOLOGY

(ALSO SEE DEPARTMENT OF SOCIOLOGY)

Historical Resume

Anthropology, at most second or third rate schools, is conjoined in a minority position with some other discipline. The other half of the joint department is frequently sociology but the disciplines of geography, geology, history, political science and zoology are, or have been, relatively frequent combinations. There can, of course, be no question of the logic involved in combining anthropology with any of a rather wide plethora of other disiplines -- it does result in lower administrative costs. Another reason for conjoinment is due to the fact that anthropology is one of the most recent additions to the academic curricula of a large number of schools. The approach of many of these institutions is to have it start small and wait to see what happens. This conceptual framework is analogous to wishing for a large field of maize but planting only two kernels. Given an adequate amount of time, the desired ends, in both cases, will obtain. Regardless of how or why it happened, one significant result of the conjoining-minority factor is that no anthropological segment of a department has risen to a position of academic eminence while it was part of a "something-anthropology" department.

Bearing this in mind, the historical summary of the origin and role of anthropology at Texas Technological College can be presented in most abbreviated fashion. Anthropology began with the arrival of Dr. W. Curry Holden, who joined the department of History (or in terms of course offerings, the Department of History, Sociology, Philosophy and Anthropology) in 1929. Dr. Holden's doctorate was in history, but a funny thing happened to him on the way to Tech. He became involved in an archaeological excavation and through this experience developed a keen and lasting interest in the subject.

This particular excavation was fated to affect the course of anthropology at the college for many years to come. It seems that the local press devoted a great deal of space to coverage of this "dig" and in this fashion stimulated a great deal of interest in anthropology among the students and staff of this institution. That must have been the case, for when Dr. Holden arrived in Lubbock, he was rather amazed to discover that his teaching schedule included a course in introductory anthropology. Undaunted by the fact that he had never had a course in the subject, he began reading avidly and managed to keep ahead of that first class in anthropology at Texas Technological College in the year 1929. Dr. Holden continued his library research and for a good many years was the anthropologist at this school. Part of his summers were spent conducting archaeological research and training students in the theory and methods of archaeology. His archaeological work was a major contribution to our knowledge of the prehistorical cultural development in the region.

Anthropology continued to be taught by Dr. Holden and other historians until his retirement in 1964. Even after his retirement, he continued his endeavours in this field by teaching the extension course in cultural anthropology for a number of years. The renowned anthropologist A. L. Kroeber, once wrote, "If anthropology is not history, it is nothing." The viewpoint of historians here seems to have been, "If an area of interest exists which is not history, it must be anthropology." At least it appears that the anthropological curriculum developed in this fashion. There were also, at various times since 1956, staff members of the history department who were trained anthropologists, but those we know, or know of, did not seem to remain here for any protracted period of time.

For a listing of staff, publications, etc., for the period from 1929-1964, the reader is referred to the report presented by the History Department. Here too, will be found figures relevant to student enrollment, degrees awarded, and so forth. Unfortunately, the statistical analysis is not subdivided according to the various fields of history, sociology, philosophy and anthropology, which were present in the department at various times. Moreover, these data are not readily available and as a consequence, have not been included in this report.

In 1964, the football of anthropology was passed from the Department of History to that of Sociology (to this day considerable controversy rages as to thether this was a forward pass or lateral). In any event, Evelyn Montgomery and Richard Keslin became the anthropological segment of the joint department in 1964. Their first step was to revise the curriculum to one which was attuned to the needs of an undergraduate anthropology major (within the limitations of a two-man staff, but with the expectation of two additions). Highly specialized and/or esoteric courses were replaced by offerings more congruent with anthropological method, theory and objectives. Courses offering broader cross-cultural analysis replaced those dealing with single discrete political units and those concerned with geographically limited subcultural regions. The eight courses listed in the 1964 catalog were replaced by eighteen. The anthropologists were advised by the dean and department head that the growth of anthropology at this institution would be achieved only by an increase in the number of anthropology majors, and the way this was to be accomplished was by concentrating on the teaching of anthropology. The staff present at that time did concentrate on effective teaching, but at the expense of their personal research and publication interests. They were assisted in their endeavours by Richard Furlow from

1965 to 1967, and by Kenneth Honea, who replaced Mr. Furlow in 1967. A partial indication of the success of these efforts is a considerable increase in the number of anthropology majors since the fall of 1964.

Time	Number of Majors	Degrees Awarded
Fall, 1964	3	
Spring, 1964-65	8	1
Spring. 1965-66	12	2
Spring, 1966-67	17	4
Spring, 1967-68	24	4

As the figures indicate, the number of majors has increased 700 per cent over a four year period. However, because we are working with such small numbers, statistical manipulation to assess future growth would be totally futile. Even the figures for class enrollments are not particularly applicable to this purpose, as can be seen by perusal of the tabular data for the period 1964 to 1968.

Registration Figures for Anthropology Courses:

Time			No. of Sections	Average No. per Section
1964-65				
Fall				
231	157	40%	2	78
232	235	60%	5	47
adv.	-			
	392			
Spring				
231	96	35%	1	96
232	162	59%	3	54
adv.	19	6%	2	9
	277			
1965-66				
Fall				
231	154	33%	2	76
232	265	57%	5	53
adv.	44	10%	3	14
	463			
Spring				
231	183	35%	2	91
232	302	57%	5	60
adv.	37	8%	3	13
	522			
1966-67				
Fall				
231	192	44%	2	96
232	197	45%	4	49
adv.	50	11%	3	16
	439			
Spring				
231	199	39%	2	99
232	283	55%	5	56
adv.	34	7%	2	16
	516			
1967-68				
Fall				
231	176	33%	2	88
232	318	60%	4	80
adv.	33	7%	2	16
	527			
Spring				
231	209	35%	2	104
232	321	53%	4	80
adv.	75	12%	3	25
	605			

* Registration figures for Sociology 336, taught be Dr. Montgomery, Anthropology 4321 and summer courses have not been included in these figures.

From these data, two broad generalizations can be extracted. First, the number of students in the introductory courses appears to be directly proportional to the number of sections offered in any given semester. The figures for advances courses show an increase in enrollment over the years and at the present time also seem to be proportional to the number of courses offered. However, one would be justified in anticipating minor fluctions over a period of the next year or so.

For a tabulation of the departmental budget, salaries, M.E. and T., etc., the reader can turn to the history department report for the period ca. 1959-1964, and the Sociology report for the period from 1964 to the present.

Current Status of Anthropology

The present anthropological staff includes three associate professors (listed in alphabetical order): Kenneth Honea, Richard Keslin, and Evelyn Montgomery. Edwin Kozlowski, a linguist, will join the department in September 1968, as an Instructor. (Consult the sociology report for information on faculty compensation).

Available space includes three offices and partial use of 307 Ad. The room is shared by our sociological colleagues, graduate students, undergraduate majors with research problems, teaching assistants, and students taking make-up exams.

The following research activities of the staff have been abstracted from the 1967 graduate faculty data form.

Dr. Honea

General Research and Creative Activity Background

1. Invention and exploitation of process to reproduce casts of archaeological materials in low-cost industrial polyester plastics.

2. Experiments in the intentional and natural fracture of stone, resulting in establishment of empirical criteria by which humanly fractured stone can be distinguished from naturally fractured stone.

3. Field and laboratory research into the nature and origin of Paleo-Indian and Proto-Archaic cultures in the Southwest.

4. Extensive studies of the morphology and development of Pueble III Black-on-white and Pueblo IV glaze in northcentral New Mexico.

5. The origins of intrusive Puebloan and Mogollon pottery in archaelogical sites of West Texas.

6. Distributional studies in materials and flaking technologies in prehistoric West Texas.

7. Nature and origin of Non-Puebloan Ceramics in West Texas.

8. Evolution in the stone technology of archaeological sites of the South Plains.

9. Survey and interpretation of archaeological sites of the South Plains.

10. Excavation and interpretation of a prehistoric multi-component kill site in Lamb County.

11. The San Marcos Comples in Central Texas---a possible Pre-Clovis culture of the late Pleistocene.

12. The Gila Hot Springs site, a San Pedro stage site of the Cochise culture in Southwest New Mexico.

13. The Morphology of flaked and ground stone tools at the sites of Pueblo Largo and Las Madres, New Mexico.

14. A late Archaic site near Folsom, New Mexico.

Dr. Keslin

Archaelogical field research on the Paleo-Indian, Archaic, and Middle Woodland occupation of the Upper Great Lakes area (including excavation of the Holcombe, Hodge, and Green Point sites).

The applicability of Cinematographic time-lapse studies to archaeological research (sponsored by Departmental Research Projects, University of Michigan Graduate School, grant No. 62 and 1290); this led to the invention of an ultralight transistorized timer designed to trip the shutter of a motion picture camera at any rate between 1 and 60 frames per minute.

Research on the applicability of geophysical electronic equipment to archaeological research (sponsored by Departmental Research Projects, University of Michigan Graduate School, grant No. 599) restivity measuring devices were tested on a variety of archaelogical sites providing a considerable amount of information on sub-surface features, a transistorized differential proton magnometer was constructed, but there was inadequate time for testing.

Research on correlations of prehistoric culture-complexes and post-pleistocene ecologies in the upper Great Lakes, Associate Director (with J.B. Griffin), (sponsored by N.S.F. G-15710 and N.S.F. GE 1311).

Archaeological Research on the Role of Salt as an Element of Cultural Diffusion (sponsored by Wenner-Gren Foundation for Anthropological Research).

Dr. Montgomery

Community studies of five Peruvian villages, with special emphasis on social group known as ayllu-1962.

Collection of Peruvian folklore with emphasis on its relationship to group and interpersonal relationships---summer, 1960.

Montgomery, cont.

An anthropological approach to curriculum building----in progress.

A study of the Shiriana Indians of the Amazon jungle with special emphasis on acculturation and on the types and incidences of mental illness---1966.

At the present time, one extension correspondence course in Cultural Anthropology is being offered.

The Texas Technological College Archaeological Survey was begun in 1967. This is a year round research program designed to locate and record significant prehistoric sites in West Texas. This is a necessary first step to selection of key sites for excavation which will resolve some of the lacunae in knowledge for the prehistory of the region. Students participate in this program on a voluntary basis. They are expected to participate in regular (biweekly) field surveys, the recording of archaeological data, and the cataloging and analysis of archaeological materials. They receive the kind of experience which cannot possible be obtained from any text. Another aspect of the survey is a bulletin (published irregularly) to disseminate information of the site survey and the results of excavations. Untimately, it is hoped that the bulletins will be made available for purchase by the general public.

Objectives and Goals of Anthropology

In terms of the broad intellectual spectrum of anthropology, the initial goals established in 1964 have not yet been attained. The major objective, then and now, is to have a balanced anthropological program which will allow students receiving a B.A. here to attend any graduate school in the country without being "educationally disadvantaged." This is not to say that the situation has not improved over the years. It has, and we firmly believe that the rate of progress can and should be accelerated in the immediate future.

What then, are our shortcomings? Foremost among them, are weaknesses in certain areas of the extremely broad field of anthropology. Some of the weaknesses are more crucial than others, but these are not always the problem areas that are easily re-

solved. For example, the fields of specialization within anthropology are physical anthropology, cultural anthropology, archaeology and linguistics. Each of these in turn has a large number of subfields, e.g., a physical anthropologist might specialize in genetics, paleoanthropology (study of fossil primates and their significance over the long period of human evolution), primate studies, population analysis, medical anthropology, variations of sex and age, variation due to ecological conditions, osteology, serology, and growth patterns, to mention only a few for one major field. Similar lists could be presented for each of the others, but were omitted for the sake of brevity in this report.

It might be noted that there is at least one course covering each specialization of physical anthropology at major universities. At Texas Technological College, there is but a single course. To offer more courses at this time would be at the expense of coverage in other areas. Moreover, the courses should be offered by a specialist in the subject, of which there are none on the staff. One reason for this surprising omission is due to the fact that the present demand for physical anthropologists far exceeds the supply, which means that specialists in this field are more expensive at all academic levels than most of their colleagues. A good many administrations seem to have great difficulty in justifying differential compensation scales for personnel at the same level of academic training and experience. However, if we are to add a good physical anthropologist, it must be at a higher salary scale than that of most new appointments.

When this staff addition is made, the present course on physical anthropology should be replaced by four new courses: Human Evolution; Human Populations; Comparative Anatomy (including osteology); Human Genetics and Serology. This change should be made as soon as possible, but certainly within a two-year period.

New courses are also necessary in the area of Linguistics. The one course we now have should be eliminated and replaced by two new ones: Language and Culture and Languages of the World.

In the area of Cultural Anthropology only three additional courses are necessary to accomplish an ideal undergraduate curriculum; these are: Peoples of Asia; Folk Society; History and Theory of Anthropology. (The latter course would be unnecessary if senior undergraduate majors could participate in a graduate seminar on this topic).

The staff required for this curriculum would consist of a total of six. Steps in this direction can, of course, be taken with one more addition to make a total of five staff members.

To stimulate student interest in the field (and also make the material more readily comprehensible), there are a number of ways in which the teaching methods currently utilized can be markedly improved. At the introductory and advanced levels, there are numerous outstanding films which illustrate anthropological concepts far more vividly than is possible, even by the greatest lecturer in the world (title to which is modestly disclaimed by all). For example, a lecture on the topic of primitive art, without examples of the art form, and without illustrative slides or films is an almost impossible endeavour. Yet, it must be done each semester in cultural anthropology. There are numerous slides and films available on this topic as well as a great number of other topics ranging from archaelogical methodology to zoological primate research.

To make use of the currently available visual and audio teaching aids in anthropology, the prerequisites are, in theory at least, quite simple:

1. a room capable of being totally darked (hopefully with a minimal number of heat exhaustion cases among those confined)
2. a film projector (or access to one)
3. a budgetary allocation to allow the purchase and/or rental of suitable suitable materials (films used in the introductory course, which are taught each semester, would be less expensive in the long run to purchase than rent.

Other needs, for both teaching and research, are laboratory and storage facilities.

At least three laboratories are needed, ideally each would have approximately 400 square feet of space. One would be used for osteology, one for comparative primate anatomy and serology, and one for archaeological research (processing, cataloging, and analysis of archaeological materials, map preparation, artifact drawings, photography, etc.). Each laboratory would be expected to have adequate storage facilities and the basic equipment necessary to its functions. The need for an archaeological laboratory is extremely acute at the present time, not only for the processing and analysis of archaeological materials which were excavated in Lamb County this summer, but also for effective utilization of such equipment presently available (although it is the personal property of Dr. Honea). This equipment includes a Mettler electric laboratory balance, thermostatically controlled ceramic kiln, survey and analysis instruments.

The summer of 1968 witnessed the reinitiation of archaeological field research and student training. This area of endeavour should be continued and if it is at all possible, expanded. A reasonable amount of equipment and funds are desparately needed to continue this training and research. For purposes of site survey, a four-wheel drive vehicle would greatly extend the terrain covered. It would also make relatively remote areas accessible to archaeological field crews. Although for transportation of personnel and equipment to and from the sites being excavated, a vehicle of the carry-all type would be ideal. For mapping and teaching students how to prepare maps, the department should have an engineering transit (or theodolite) and accoutrements, a telescopic alidade and accessories. Cameras are necessary for recording purposes and students must be trained to use them properly. If there are vehicles, it follows that a budget to use and maintain them is necessary. If there are no vehicles, there should still be a budget item to cover the expense of utilizing personal vehicles for site survey work, site excavations and field trips.

Within the next few years, possibly as early as 1969-70, an M.A. program in anthropology should begin. If the program is to succeed, we would very likely need between thirty and forty undergraduate anthropology majors. Although it should be noted that most of the good graduate schools in anthropology have a much higher percentage of graduate

students than undergraduate majors. We would also need a staff of at least five, all of whom would have the Ph.D.. Seven would be a closer approximation of the ideal situation, but it is feasible to begin the program with the smaller number indicated. This is the level at which anthropology should become a separate department.

The pattern used for the M.A. program might logically emulate that which was initiated at the University of Michigan five years ago. The philosophy of their program is to have the M.A. candidate complete his course work in a one-year period, take his exams and then move on toward the Ph.D.. To this end, a seried of core courses in the major fields of anthropology have been developed. The objective is to have the student learn all sub-fields of anthropology have been developed. The objective is to have the student learn all sub-fields of anthropology at the Master's level, so when he finishes he may concentrate on his field of specialization in pursuit of the Ph.D.. While working on the M.A., his course program is supplemented by areal or topical courses not taken as an undergraduate.

Graduate courses could be offered as early as 1969-70. If this is done, anthropology would move to an M.A. program as sociology moves to offer the Ph.D. in that field. Courses which could be offered include the present one for Individual Studies (Anthro. 531) and a series of seminars. One should be a Seminar in History and Theory of Anthropology (this could be repeated as the topic varies). There could also be a seminar in Ethnology (which could be repeated as the topic varies, e.g. areal topics: Latin America, Oceania, North America, Africa, North Africa and the Near East, Eastern Asia, etc., conceptual topics: Personality and Culture, Social Organization, Folk Society, Primitive Technologies, etc.). Seminar in Prehistory (again may be repeated as topic varies, topics could include: Methodology, North America, Europe, Africa, Latin America, etc.) There would also be a seminar in Physical anthropology (repeatable topics: Fossil Primates, Living Primates, Populations, etc.). There is one graduate Seminar already on the books, Origins of Social Customs and Institutions.

SUMMARY

Over the greater period of its existence at Texas Technological College, Anthropology has been an academic orphan. One can attribute the factors primarily responsible for this (with or without tongue in cheek) as historical. In the 35 year period between 1929 and 1964 there were a total of four professionally trained anthropologists on the staff, all of whom were here between 1956 and 1964. At no time were there more than two simultaneously present.

A new era began in 1964, when anthropology was removed from history and conjoined to sociology. At that time the curriculum was expanded and the recent period of growth began. With a four man staff, as of September, 1968, we plan to add three new courses: Introductory Linguistics, Language and Culture, and Peoples of Asia. This will bring the number of courses to twenty-one for either the spring semester of 1968-69 or fall, 1969-70.

Present and future needs and goals of anthropology are as follows:

1. A fifth member of the department to allow expansion of course offerings in Physical Anthropology (estimated cost: $9,000-17,000).
2. Improved teaching techniques through use of audio-visual aids (estimated cost: having a lecture hall made light-proof, $400: cost of 16mm. projector $450: cost of films and lsides purchased the first year, $2,000: cost of film rentals in subsequent years, $600).
3. Laboratory and storage facitlites (estimated cost: osteology laboratory steel storage cabinets $500; osteometric equipment $1,200; comparative anatomy and serology lab: binocular microscopes, centrifuge, refrigerator, cabinets and miscellaneous equipment, $4,000; laboratory of archaeology: microscopes, calipers, cameras, drafting tables and misc. equipment, $3,000).
4. Expansion in the area of archaeological research and training (estimated cost; purchase of vehicles, $6,000; purchase of mapping equipment and basic field supplies, $1,700; annual budget for travel and expendable supplies,

$1,400. If personal vehicles are used, there should be $800 per year for travel.

5. Initiation of M.A. program in anthropology (estimated cost: nothing, if the other four points are achieved first; if they are not, we would need an absolutely minimum staff of five and at least two functioning laboratories).

With the improvements indicated, anthropology at Texas Tech would be academically equal to most schools of comparable student enrollment. Without administrative support, anthropology is likely to continue as it had for most of its existence here--- as a "tag-a-long" or "me, too", discipline with a rapid turn-over of personnel who might chaff at the confining limitations of having to work without that which is considered basic equipment at the majority of colleges and universities.

APPENDIX

A Patial List of Staff Publications

PUBLICATIONS

Dr. Honea

"A Contribution to the History of the Hamitic Peoples of Africa," Acta Etnologica, University of Vienna, 1959.

"Rammadyat of NW Africa and Burned Rock Middeus of Texas," Bull. Tex. Arch. Soc. vol. 32, 1962.

"Patination of Stone Artifacts," Plains Anthropologist, Vol. 9-23, 1964.

"Morphology of Scrapers and Their Meghods of Production," Southwestern Lore, September Issue, 1o65.

"Bipolar Flaking Technique in Texas and New Mexico," Museum of New Mexico Press, 1965.

"Evolution in the Lithic Traditions of the Southwest," El Placio, Winter Issue, 1965.

"Prehistoric Flaking Methods of Texas," Atti, VIth International Congress on Prehistoric and Proto-Historic Sciences, Rome, Italy, 1966.

"A revision of the Rio Grande Glaze Wares," 8th SW Ceramic Seminar, Museum of New Mexico Press (in Press).

Dr. Keslin

"The Need for the Inter-Agency Archaeological Salvage Program," Missouri Archaeological Society Newsletter, No. 99, Feb., 1956.

"Excavations at Boulder Cave, Crawford County," M.A.S.N.L., No. 10I, Apr., 1956.

"Projectile Point Typology," M.A.S.N.L., No. 113, May, 1957.

"The University of Missouri Summer Field Session," A Report of Progress, Columbia, 1957.

"The Museum of Anthropology," A Report of Progress, Columbia, 1957.

"Angostura Points," M.A.S.N.L., No. 123, June, 1958.

"The Missouri Archaeological Survey," M.A.S.N.L., No. 127, Dec., 1958.

"A Preliminary Report of the Hahn and Horicon Sites, Dodge County, Wisconsin," The Wisconsin Archaeologist, Vol. 39, No. 4, pp. 191-273, 1958.

"Results of the 1958 Field Session in Midwestern Archaeology," M.A.S.N.L., No. 129, Feb., 1959.

"Archaeological Implications on the Role of Salt as an Element of Cultural Diffusion, Missouri Archaeologist, Vol. 26, all numbers, pp 1-181, Dec., 1964.

Appendix, cont.

Dr. Montgomery

"Proverbial Materials in 'The Politican Outwitted,' Midwest Folklore, 1962.

"Ethnographic Peru," Emporia Gazette, 1962.

"The Role of the Ayllu in Agrarian Reform," Rutas Culturales, Lima.

"Ethos and Ayllu in Coasa, Peru," dissertation, 1965.

"Modern Peruvian Manifestations of the Ayllu," Instituto Indigenista Interamericano, Mexico, 1968.

"With the Shiriana in Brazil," Wm. Brown Co., 1968.

DEPARTMENT OF ART

DEPARTMENT OF ART

TEXAS TECHNOLOGICAL COLLEGE

HISTORICAL, CURRENT, AND FUTURE INFORMATION

August 1968

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PART I

HISTORICAL INFORMATION

Historical Summary

The Department of Art was formed in September of 1967. Prior to that time the art programs were in two different departments; one program was in the Department of Architecture and Allied Arts under the School of Engineering and the other was in the Department of Applied Arts under the School of Home Economics. Certain historical figures are provided in this section for the Applied Arts Department only because there was no clear cut way to separate the architecture and allied arts information. It should also be noted that the enrollment figures do not tell a completely accurate story because several architecture courses were major courses for the art student and some of the Allied Arts courses were required for architecture majors.

When Texas Technological College opened in October, 1925, there was considerable student interest in art. Courses in watercolor, charcoal, and life drawing were offered during the first year of operation. In 1928 the School of Home Economics created the Department of Applied Arts to offer courses in Design, watercolor and oil painting, interior decoration, and general art history.

By the fifth year of Texas Tech's history, a fairly strong program of aesthetic instruction in a variety of fields had been established, and the first degree program in art was introduced through the Applied Arts Department. An architecture curriculum was added to the Architectural Engineering Department in 1933, and in 1934 the department was renamed Architecture and Allied Arts and was authorized to offer a curriculum in commercial art, which later became advertising art and design. Before the close of its first decade, Texas Tech was offering as much instruction in art as the average school in the country its size. The degree programs and complementary activities continued to flourish.

Available information regarding the Allied Arts program and the Department of Applied Arts has been included in the attachments.

The following attachments include:

1. Number of Graduates - 1937-1968
   (B.S. in Home Economics, B.S. in Education, B.A., B. Ad. Art)
2. Listing of Full Time Faculty with the Rank of Assistant Professor or Above - 1926-1968
3. Listing of Publications and Art Work of Faculty: Former Applied Arts Faculty

   (Listing of current faculty publications and art work is included in Section 2)
4. Applied Arts' Enrollment for the Past Ten Years
5. Department of Art Enrollment, 1967-1968
6. Credit Hours for Fall Semesters 1956-1967, Allied Arts Courses
7. Credit Hours for Fall Semesters 1956-1967, Applied Arts Courses
8. Summary Tabulation of Budgets for the Department of Applied Arts, 1957-58 - 1966-67
9. Tabulation of Budget for Department of Art, 1967-68

Because the Department of Art was formed in September of 1967, the historical summary of the origin and development of the department is included in the section on the current departmental status.

Department of Art - Graduates*

Year	B.S. Home Econ.	B.S. Education	B. A.	B. Ad. Art	Total
1937	-	-	-	3	3
1938	-	-	-	1	1
1939	-	-	-	5	5
1940	-	-	-	10	10
1941	-	1	-	4	5
1942	-	-	-	1	1
1943	-	-	-	3	3
1944	-	-	-	-	-
1945	-	-	-	-	-
1946	1	-	-	-	1
1947	-	-	-	-	-
1948	14	-	-	1	15
1949	12	-	-	9	21
1950	19	-	-	20	39
1951	13	1	-	6	20
1952	6	1	-	5	12
1953	4	1	-	3	8
1954	7	-	-	3	10
1955	2	-	2	1	5
1956	8	-	1	4	13
1957	12	-	3	5	20
1958	10	2	4	3	19
1959	10	-	4	6	20
1960	6	2	4	8	20
1961	11	8	5	4	28

*These figures are as accurate as the records made available to the Department of Art could provide.

Department of Art - Graduates - page 2

Year	B.S. Home Econ.	B.S. Education	B. A.	B. Ad. Art	Total
1962	12	8	2	10	32
1963	10	5	5	15	40
1964	11	8	10	9	38
1965	14	9	5	20	48
1966	10	11	8	16	45
1967	16	15	11	24	66
1968	17	18	22	22	79

Department of Art
Full Time Faculty With The Rank of Assistant Professor or Above

Allied Arts' Faculty

No listing of former Allied Arts' faculty is included since it is impossible to distinguish between the Allied Arts and Artchtecture faculties.

Applied Arts' Faculty

1925 - 1926	Associate Professor of Art
1926 - 1927	Associate Professor of Design
1927 - 1928	Associate Professor Marie Delleney
1928 - 1929	Associate Professor Marie Delleney
1929 - 1930	Associate Professor Jean Dorrel
1930 - 1931	Associate Professor Jean Dorrel
1931 - 1932	Associate Professor Harriet Tilden
1932 - 1933	Associate Professor Harriet Tilden
1933 - 1934	Associate Professor Harriet Tilden
1934 - 1935	Associate Professor Harriet McJimsey
1935 - 1936	Associate Professor Martye Poindexter
1936 - 1937	Associate Professor Martye Poindexter
1937 - 1938	Associate Professor Martye Poindexter Assistant Professor Elizabeth Hawley
1938 - 1939	Associate Professor Martye Poindexter Assistant Professor Elizabeth Hawley
1939 - 1940	Associate Professor Martye Poindexter Assistant Professor Elizabeth Hawley
1940 - 1941	Professor Martye Poindexter Assistant Professor Elizabeth Hawley
1941 - 1942	Professor Martye Poindexter Assistant Professor Elizabeth Hawley
1942 - 1943	Professor Martye Poindexter Assistant Professor Elizabeth Hawley
1943 - 1944	Professor Martye Poindexter Assistant Professor Elizabeth Hawley

Department of Art

Applied Arts' Faculty - page 2

1944 - 1945	Professor Martye Poindexter Assistant Professor Elizabeth Hawley
1945 - 1946	Professor Martye Poindexter Assistant Professor Elizabeth Hawley
1946 - 1947	Professor Martye Poindexter Assistant Professor Elizabeth Hawley
1947 - 1948	Professor Martye Poindexter Assistant Professor Ethel Jane Beitler Assistant Professor Elizabeth Hawley
1948 - 1949	Professor Martye Poindexter Assistant Professor Ethel Jane Beitler Assistant Professor Troy Lockard
1949 - 1950	Professor Martye Poindexter Assistant Professor Ethel Jane Beitler Assistant Professor Troy Lockard
1950 - 1951	Professor Martye Poindexter Assistant Professor Ethel Jane Beitler Assistant Professor Troy Lockard
1951 - 1952	Professor Martye Poindexter Assistant Professor Ethel Jane Beitler Assistant Professor Troy Lockard
1952 - 1953	Professor Martye Poindexter Assistant Professor Ethel Jane Beitler Assistant Professor Troy Lockard
1953 - 1954	Professor Arne Randall Assistant Professor Ethel Jane Beitler Assistant Professor Troy Lockard
1954 - 1955	Professor Arne Randall Assistant Professor Ethel Jane Beitler Assistant Professor Troy Lockard
1955 - 1956	Professor Arne Randall Associate Professor Bill Lockhart Assistant Professor Ethel Jane Beitler Assistant Professor Meda Johnston Assistant Professor Troy Lockard
1956 - 1957	Professor Arne Randall Associate Professor Bill Lockhart Assistant Professor Ethel Jane Beitler Assistant Professor Meda Johnston Assistant Professor Troy Lockard

Department of Art

Applied Arts' Faculty - page three

1957 - 1958	Professor Arne Randall Associate Professor Bill Lockhart Assistant Professor Ethel Jane Beitler Assistant Professor Meda Johnston Assistant Professor Troy Lockard
1958 - 1959	Professor Arne Randall Associate Professor Bill Lockhart Assistant Professor Ethel Jane Beitler Assistant Professor Meda Johnston Assistant Professor Troy Lockard
1959 - 1960	Professor Arne Randall Associate Professor Bill Lockhart Assistant Professor Ethel Jane Beitler Assistant Professor Meda Johnston Assistant Professor Troy Lockard
1960 - 1961	Professor Bill Lockhart Associate Professor Clarence Kincaid Assistant Professor Ethel Jane Beitler Assistant Professor Troy Lockard
1961 - 1962	Professor Bill Lockhart Associate Professor Clarence Kincaid Associate Professor Ethel Jane Beitler Assistant Professor Troy Lockard
1962 - 1963	Professor Bill Lockhart Associate Professor Clarence Kincaid Associate Professor Ethel Jane Beitler Assistant Professor Troy Lockard
1963 - 1964	Professor Bill Lockhart Professor Clarence Kincaid Associate Professor Ethel Jane Beitler Associate Professor Troy Lockard Assistant Professor John Queen Assistant Professor Franz Kriwanek
1964 - 1965	Professor Bill Lockhart Professor Clarence Kincaid Associate Professor James Anderson Associate Professor Ethel Jane Beitler Associate Professor Troy Lockard Associate Professor Stanley Madeja Assistant Professor John Queen Assistant Professor Franz Kriwanek

Department of Art

Applied Arts' Faculty - page 4

1965 - 1966	Professor Bill Lockhart Professor Clarence Kincaid Associate Professor Ethel Jane Beitler Associate Professor Troy Lockard Associate Professor Stanley Madeja Associate Professor Foster Marlow Assistant Professor John Queen Assistant Professor Franz Kriwanek Assistant Professor D. Jack Davis Assistant Professor Mickey Story
1966 - 1967	Professor Bill Lockhart Professor Clarence Kincaid Associate Professor Ethel Jane Beitler Associate Professor Troy Lockard Associate Professor Foster Marlow Assistant Professor D. Jack Davis Assistant Professor Franz Kriwanek Assistant Professor Juanita Pollard Assistant Professor John Queen Assistant Professor May Dyer Assistant Professor Peggy Howard Assistant Professor Donna Read

Department of Art Faculty

1967 - 1968	Professor Bill Lockhart Professor Ethel Jane Beitler Professor Clarence Kincaid Professor Foster Marlow Associate Professor D. Jack Davis Associate Professor Ray Hellberg Associate Professor Edna Houghton Associate Professor James Howze Associate Professor Franz Kriwanek Associate Professor Troy Lockard Associate Professor Roderick Parkinson Associate Professor John Queen Associate Professor Francis Stephen Assistant Professor May Dyer Assistant Professor Hugh Gibbons Assistant Professor H. V. Greer Assistant Professor Paul Hanna Assistant Professor Richard Henton Assistant Professor Peggy Howard Assistant Professor John Mahlmann Assistant Professor Juanita Pollard Assistant Professor Donna Read Assistant Professor Betty Street

Department of Art - Publications and Art Work - Former Faculty

Madeja, Stanley Stephen

Publications:

"Television in the Art Classroom," Minnesota Education Journal, 42 (November, 1961): 40-41.

"Investigating Art Instruction in The Secondary Schools," Texas Trends (Fall, 1965): 25-29; 44.

Art Work: Shows

Silver pendant, Minnesota Craftsman Invitational, Minnesota State Fair, 1962.

Gold pin with pearl, jewelry, group showing, St. Paul Art Center, 1962.

Gold ring, jewelry, Minnesota State Fair, Fine Arts Exhibit, St. Paul, 1962. Second Award.

One Man Show, jewelry, Hauser Gallery, St. Paul, Minnesota, 1962.

Jewelry collection, Artist-Craftsmen Exhibit, Municipal Garden and Arts Center, Lubbock, Texas, 1964-1965.

Jewelry on permanent exhibit: Walker Art Center, Minneapolis, Minnesota, 1960-1963; Alley 29 Gallery, St. Paul, 1961-1962; Hidden Patio Gallery, Santa Fe, 1965; Workshop Originals Gallery, Albuquerque, New Mexico, 1965.

Department of Art - Publications and Art Work

Randall, Arne William

Publications:

Illustrated Articles in School Arts:
"Art in Educational Television," Vol. 51 (January, 1952), pp. 158-62.
"Art Time for Exceptional Children," Vol. 51 (April, 1952), pp. 274-76.
"Art in Home and Community Life," Vol. 53 (March, 1954), pp. 9-12.
"Mobiles Are Both Old and New," Vol. 54 (December, 1954), pp. 21-22.
"Art Gets a Start in the Home," Vol. 54 (June, 1955), pp. 21-23.

Regular Contributions to the "Here's How" Section each month, beginning in January, 1955.

Articles in Junior Arts and Activities:
"Television and Art," March, 1952, p. 15.
"All Children Need Art," January, 1953.
"Folk Art--Fresh and Spontaneous," March, 1953, p. 28.
"What Good Is a Grade?" December, 1953, p.20.
"Resources Are Where You Find Them," March, 1954, p. 29.

"Toward Coordination in the Arts," Everyday Art, March-April, 1951, p. 18.

"Educational Trends in the Arts," School Life, April, 1951, p.99.

"Is There a Place for Artists?" The Sketch Book of Kappa Pi, Spring, 1951, p. 10.

"Some Recent Trends in Art Education," The Instructor, September, 1951, p. 24.

"The Ability to Create," Educational Leadership, December, 1952, p. 146.

"Capitol Ideas," Art Education, The Journal of the National Art Educational Association, October, 1952, p. 15; November, 1952; December, 1952, p. 14; January, 1953, p.7.

"Planning Better Extended School Programs," School Life, March, 1953, p. 89. (Co-authors: Prepared by specialists of the Elementary School Section, Division of State and Local School System, U.S. Office of Education, Washington, D.C.)

"Mid-Century Ideas in Art Eucation," The National Elementary Principal, October, 1953, p. 34.

"Art in Life Adjustment Education," Life Adjustment Education in Action, Edited by Franklin R. Zeran. New York: Chartwell House, Inc., 1953. Pp. 246-75.

"Learning by Doing," Safety Education, May, 1954, p. 14.

"Silk Screen Printing," The Instructor, Vol. 64 (October, 1954), p. 44.

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Publications con't.

How Children Can Be Creative. United States Department of Health, Education, and Welfare, Bulletin No. 12. Washington: Government Printing Office, 1954. 33 pp. (Co-authors: Wilhemenia Hill and Helen K. MacKintosh)

"Who Is Neglecting Art?" Committee on Art Education Newsletter, April, 1955, p. 8.

"So You've Finished Teaching," The Instructor, June, 1955, p. 40.

"Musical Instruments," The Grade Teacher, November, 1955, p. 62.

Illustrations:

For six elementary readers for Alaskan schools. U.S. Government, Department of the Interior, Bureau of Indian Affairs. Lawrence, Kansas: Haskell Institute Press, 1953.

Cartoon feature for "How It Began," Story Parade, January, 1954, p. 33.

For Florence Randall's "Indian Shelters," Highlights for Children, October, 1954, p. 22.

For Florence Randall's "Indian Baskets," Highlights for Children, October, 1955, p. 20.

Department of Art - Publications and Art Work

Story, Mickey Fay

Publications:

Centrifugal Casting as a Jewelry Process (Scranton: International Textbook Company, 1963). 109 pp.

Art Work: Shows

Gold ring with ruby. Exhibited: Texas Crafts Show, Museum of Fine Arts, Dallas, Texas, 1962.

Gold ring with baroque pearl. Exhibited: Texas Crafts Show, Museum of Fine Arts, Dallas, Texas, 1962.

Ascension, stitchery. Exhibited: Texas Fine Arts Association Show, Laguna Gloria Gallery, Austin, Texas, 1963.

Department of Art

Applied Arts' Enrollment For the Past Ten Years

Fall Semester

Year	No. of Registrations	Semester Cr. Hours	F - T Student Equiv.
1957-58	295	873	12.25
1958-59	307	913	12.29
1959-60	376	1,096	14.76
1960-61	434	1,256	16.75
1961-62	461	1,341	17.19
1962-63	544	1,577	14.21
1963-64	666	1,921	14.89
1964-65	789	2.242	14.95
1965-66	1,075	3,048	15.39
1966-67	1,508	4,185	14.84

Spring Semester

Year	No. of Registrations	Semester Cr. Hours	F - T Student Equiv.
1958-59	312	890	12.49
1959-60	356	1,011	13.48
1960-61	420	1,208	15.49
1961-62	490	1,381	14.39
1962-63	643	1,732	15.60
1963-64	634	1,875	14.53
1964-65	916	2,473	15.27
1965-66	1,318	3,472	15.85
1966-67	1,522	4,288	14.15

Department of Art Enrollment, 1967-1968
(Allied Arts and Applied Arts Courses)

	No. of Registrations	Semester Cr. Hours	F - T Student Equiv.
Fall, 1967	2,358	6,524	13.76
Spring, 1968	2,536	7,106	14.99

Department of Art

Credit Hours for Fall Semesters 1956 - 1967

Allied Arts Courses	1956	1957	1958	1959	1960	1961
Lower	241	254	242	260	438	453
Upper	206	207	221	267	303	352
Grad.	---	---	---	---	---	---
Total	447	461	463	527	741	805

	1962	1963	1964	1965	1966	1967
Lower	507	633	908	934	1027	1031
Upper	411	470	510	622	704	704
Grad.	---	---	---	---	---	---
Total	918	1103	1418	1556	1731	1735

Applied Arts Courses	1956	1957	1958	1959	1960	1961
Lower	521	423	408	559	631	675
Upper	511	366	484	495	553	621
Grad.	21	84	21	42	72	45
Total	1053	873	913	1096	1256	1341

	1962	1963	1964	1965	1966	1967
Lower	803	1070	1077	1419	2482	2633
Upper	705	807	1105	1566	1630	2103
Grad.	69	44	60	63	73	53
Total	1577	1921	2242	3048	4185	4789

Department of Art

Summary Tabulation of Budgets for Department of Applied Arts, 1957-58 - 1966-67

School Year	Instructional Salaries	Staff Salaries	Stud. Asst.	Maintenance, Equipment & Travel	Total
1957-58	$ 30,300.00		$ 475.00	$ 2,945.00	$ 33.720.00
1958-59	32,275.00		475.00	3,322.00	36,072.00
1959-60	34,075.00		475.00	4,516.00	39,066.00
1960-61	33,200.00		525.00	4,200.00	37,925.00
1961-62	40,150.00	$ 695.00	900.00	7,340.00	49,085.00
1962-63	45,200.00	720.00	1,000.00	7,040.00	53,960.00
1963-64	63,720.00	960.00	1,100.00	7,295.00	73,075.00
1964-65	84,444.00	1,440.00	1,100.00	7,288.00	94,272.00
1965-66	115,380.00	3,030.00	1,200.00	9,300.00	128,910.00
1966-67	168,235.00	4,080.00	1,400.00	9,940.00	183,655.00

Tabulation of Budget For Department of Art, 1967-68

School Year	Instructional Salaries	Staff Salaries	Stud. Asst.	Maintenance, Equipment & Travel	Total
1967-68	$ 308,025.00	$ 10,530.00	$ 2,500.00	$ 14,000.00	$ 335,055.00

PART II

CURRENT INFORMATION

A General Statement

The Department of Art holds the philosophy that every individual has creative potentialities which can be developed under proper guidance in a conducive evnironment. Many of the courses offered are designed to meet the specific needs of the various major programs available in the department. Today's fast changing, scientifically oriented society demands highly specialized people in the arts, and one of the objectives of the department is the basic concept of the professional approach. The instruction is designed to prepare the student to be a producing artist or designer in the various highly competitive fields available to him upon the completion of his training.

The department is aware of the fact that through a pursuit of personal excellence in the arts, the individuality of the student is cultivated. Courses have been developed to appeal to students from all areas of the college who wish to engage in creative art experiences as a part of their liberal education.

The department will constantly strive to strengthen the various professional and general courses within the departmental program. In doing this, the needs of students are of the utmost concern in the development and modification of course and program offerings.

The Department of Art has three major purposes: to provide (1) degree programs that lead to professional development in the visual arts, (2) a general nonprofessional degree program for the liberal arts students, and (3) general service courses.

New Department

The current year (1967-68) has been a very hectic and exciting year for the Department of Art. Much time and energy were required of the faculty, far beyond the call of duty, to get the department on a solid base in a very short time.

The final decision on the structure and disposition of the Department of Art was given to the faculty late in May of 1967, and approved by the Texas Technological College Board of Directors on June 3, 1967. It was difficult to involve the faculty in planning for the new department during the summer of 1967 for two reasons - one reason being that many of the faculty were away from campus. The second reason was because contracts were issued late in the summer, and there was doubt among many of the faculty as to their fate. The development of the budget during the spring of 1967 presented a real problem. Budget requests for Applied Arts and Architecture and Allied Arts had been prepared in the Schools of Home Economics and Engineering. When it was announced that the Department of Art would be in the School of Arts and Science, it had not been determined who should plan the budget. Later, the Executive Vice President called the designated chairman of the Department of Art in to prepare a budget for the department. Effort was made to pull faculty salaries in line (salaries varied greatly between the two separate faculties). The designated chairman of the Department of Art had spent time with the chairman of the Department of Architecture in getting evaluations of the former Allied Arts faculty. Later the Dean of the School of Home Economics was called in to cut the salary recommendations for the former Applied Arts faculty members; changes were also made in the salary recommendations for the former Allied Arts faculty members. The chairman of the Department of Art was unaware of these later changes until the contracts were issued.

Enrollment

The department is somewhat unique in that in its first year, according to available figures, it was second only to one school in the Southwest (Texas, Louisiana, Arkansas, Oklahoma, New Mexico, Colorado, and Arizona) regarding the number of majors (North Texas State University reported 576 art majors while Texas Tech reported 570 art majors in the fall of 1967). In the fall of 1967, the Department of Art was probably offering more semester hours credit in art

than any other school in the state. The department offered 6524 semester hours in the fall of 1967 and 7106 semester hours in the spring of 1968 (nine per cent increase).

In addition to courses for art majors, the department offers a large number of service courses (approximately 40 per cent of the art courses). The largest portion of service courses are for elementary education, home economics, and arts and sciences students. A listing of the enrollment figures for 1967-68 follows this section of the report.

New Curricula

The art faculty began a crash program for the development of new art courses and degree requests. They spent many long hours in committee work. Some nights they would work until the early morning hours and then go home, shower, and come back to school. The committee of the School of Arts and Sciences approved the new courses and the request for the Bachelor of Fine Arts degree and the Master of Fine Arts degree.

After some problems, the new courses were approved to be listed in the 1968-69 catalogue. No mention of the proposed degrees could be made in the catalogue.

Excellence of Programs

The former art programs had obtained high degrees of excellence and recognition in advertising art, art education and interior design. Effort was made to further strengthen these areas and also gain excellence and depth in the areas of studio and art history. For the first time, a studio program was developed with depth in drawing, painting, printmaking, sculpture, pottery, jewelry, enameling, and textile design. The studio areas will be able to move at a rapid pace because the department has key faculty members who can provide the needed leadership.

Faculty

September, 1967 started with 31.6 faculty positions in the Department of Art. The faculty was officed in the Home Economics Building, the Architecture-Computer Building, and in barracks on the southwest corner of the campus. The faculty members were teaching applied arts courses, allied arts courses and architecture courses (some of the faculty in the Department of Architecture were teaching Allied Arts courses).

The two former Allied and Applied Arts faculties welded together into one in very short order - especially amazing when they were still teaching all over campus and officing in scattered areas. Because so much had to be done at once, the faculty's personal production was greatly reduced.

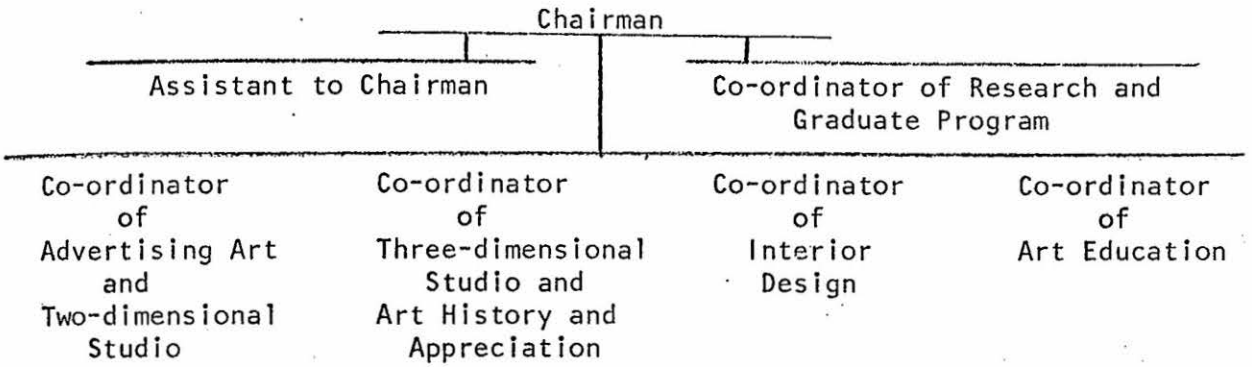
The overall quality of the department's faculty is very high. In fact, this faculty has credentials that are more impressive than the faculties of departments offering doctoral work. The department has been fortunate in recruiting and holding an exceptional faculty; however, this will become more difficult if proposed undergraduate and graduate programs, adequate facilities, competitive salaries, and a realistic operating budget are not made available.

Faculty members serve in national and regional organizations, schools, foundations, and government agencies in the following capacities: officers, committee chairmen, speakers, consultants, editorial board member of professional journals, state representatives to national groups, and jurors. On the state level, faculty members serve in professional organizations as officers, committee chairmen, jurors, speakers, editors of professional journals; serve as consultants to state agencies and schools. Faculty members are represented in national and state art exhibitions.

Faculty ranks and compensation, publications and art works, degrees, and brief data sheets follow this section of the report. Complete faculty data sheets are on file in the office of the Department of Art.

Departmental Administrative Structure

A departmental administrative structure was developed with the approval of the Dean of the School of Arts and Sciences. Below is a chart of the administrative structure.



In the near future, with successful recruitment in art history and advertising art, changes will be made and advertising art will be separated from two-dimensional studio; art history and appreciation will be separated from three-dimensional studio. At that time, a study will be made regarding the possible combination of the two-dimensional and three-dimensional studio under one co-ordinator.

Degrees Offered by the Department of Art

Degrees offered by the Department of Art include:

1. Bachelor of Art degree with a major in art.

   This is a non-professional liberal arts degree. By 1973 it is planned to introduce a major in art history under this degree.

2. Bachelor of Science degree in Education with art certification.

   The all-level and broadfield secondary certifications are available under this degree.

3. Bachelor of Advertising Art and Design.

   This degree was transferred intact from the School of Engineering to the School of Arts and Sciences. This degree will be phased out as soon as the Bachelor of Fine Arts degree is approved. Most

of the freshmen who enter under this degree program will change to the Bachelor of Fine Arts degree if it is approved in the fall of 1968.

4. Bachelor of Science degree in Home Economics with a major in Applied Arts.

This degree was not transferred to Arts and Sciences and will be phased out. Over the strenous objections of the Department of Art faculty, a non-professional applied arts major in Home Economics appears in the 1968-69 catalogue. When reading part of this catalogue, it appears that this degree is for an interior design major. There has never been such a major although interior design was one of several professional options available under the old applied arts major. The art faculty has recommended that if the School of Home Economics is to offer a nonprofessional option in an art related area, it should be jointly planned by the art faculty and the home economics faculty and should be designated as a home arts or related arts major. If the program in the School of Home Economics is really necessary, a designation other than applied arts is needed to eliminate confusion between this program and the programs in art and/or the former Applied Arts major.

Students who were in the Applied Arts program in 1967-68 have seven years from the time they entered Tech as freshmen to complete their degrees under that program.

Degrees Granted

In 1967-68 the following degrees were awarded:

Bachelor of Advertising Art and Design	22
Bachelor of Arts - Art Major	22
Bachelor of Science in Education - Art Certification	18

Bachelor of Science in Home Economics - Applied Arts Major	17
Total Degrees Granted	79

Proposed Degrees to be offered by the Department of Art

The following degrees were developed this year to become effective in the fall of 1968:

1. Bachelor of Fine Arts degree with four major areas of specialization.

   Major areas of specialization are Advertising Art, Art Education, Interior Design and Studio. The studio major has specialization in drawing, painting, printmaking, sculpture, pottery or jewelry.

2. Master of Fine Arts degree

   General major in art with emphasis on the studio area.

Budget

The department faced a major problem involving the budget for maintenance equipment, and travel. It seemed we always had too little to do the necessary job.

A breakdown of the budget for 1967-68 follows:

Teaching Salaries		$ 305,305.00
Staff		10,530.00
Two part-time technicians	$ 5,220.00	
One Secretary	3,720.00	
One part-time Clerk-Typist	1,590.00	
Student Assistants		2,500.00
Travel		1,000.00
Maintenance and Operation		6,000.00
Capital Outlay		7,000.00
Total Budget		$ 332,335.00

The department felt that the budget was inadequate in the following areas:

Teaching Salaries: Major problem in this area is adequate salaries to hold key personnel.

Staff: More staff positions are needed to help the faculty be more effective in the classroom and in their production.

Student Assistants: Because model fees for classes must be paid out of this item, the sum allotted is inadequate.

Maintenance and Operation:

With increased enrollment, equipment demands more upkeep and repair, and more miscellaneous supplies are needed to handle the teaching needs.

Space

The laboratory space assigned to the department has extremely heavy use. Many labs are in use from 7:30 a.m. until 9:30 p.m. without a break. While this is adequate for some basic design and drawing classes, it is very undesirable in special areas, because the labs need to be open for student use at times other than class periods. In sculpture, jewelry, pottery, and crafts, it is impossible to carry one's home work to the dormitory. The same holds true for painting and certain areas in interior design.

Another undesirable feature of the space assigned to the department is the necessity of scheduling three or more different types of classes in one laboratory. The inadequate labs are detrimental to the quality of teaching.

In the fall of 1967, the department had 113 classes meeting 549 contact hours in 22 rooms (seven of the rooms were shared with other departments). In the fall of 1968, there are 121 classes scheduled for 762 contact hours in 24 rooms (eight of these rooms are shared with other departments). Neither of these figures include arranged classes. A listing of the use of space available to the department for classes follows this section of the report. Thirty-two rooms

were provided for office space for the 38 faculty members and teaching assistants.

With the beginning of the new art courses in the fall of 1968, many classes will change from five hours a week (one hour lecture and four hours lab) to nine hours a week (nine hours lab). This change will make crowded space conditions even more crowded. The increase in lab hours is one of the first steps in meeting the accreditation standards set by the National Association of Schools of Art.

In the fall of 1967, many of the labs were in use 40 to 48 hours a week. In the fall of 1968, some labs will be in use over 50 hours per week.

Proposed Building

The Department of Art entered the proposed building project for the Architecture and Art Complex in the middle of the planning. Money had been allocated for an Architecture Building which would also house Allied Arts (before the Department of Art was formed). After the formation of the department, it was decided that part of the project money would be used to provide a building for the Department of Art. The department could not be in on the early planning for the building; therefore, it has been necessary to adapt our needs to the proposed facilities allocated for art.

From the time the department was called in on the planning for the building, it was stressed that there would not be enough money to take care of the Department of Art's needs. All the exhibit space is to be located in the Architecture Building, and it is planned for the Department of Art to use one floor of the Architecture Building until that department grows into it. The Art Building is planned so two more floors can be added. It still has not been decided whether the Art Building will have two or three floors. If three floors are available in the Art Building, the department will still be short of space when it moves into the building. The earliest possible completion date for this building is late 1970.

Research

Limited numbers of departments of art are involved in research. Because of present accomplishments, recognition, and personnel, this department is in a position to develop one of the outstanding art research programs in the nation. A summary of current research in the department follows this section of the report.

Extra Educational Activities

Although the faculty has not been involved in extension classes this year, it has been involved in a number of extra educational activities. Extra educational activities of the faculty include:

1. Consultants for government agencies, foundations, and schools
2. Children's classes at the West Texas Museum
3. Adult classes at the Lubbock Garden and Art Center
4. Evening classes at South Plains Junior College
5. Workshops for elementary teachers and art teachers
6. Workshops for art groups
7. Numerous talks to local, state, and regional groups.

The Eighth National Art in Home Economics Conference was planned by the Department of Art and was held on the Tech campus this past spring. Some faculty members have played key roles in this group, and those faculty members carried the load in organizing and directing this conference. The National Art in Home Economics group is small, but twenty-four states and Canada were represented at the conference. Many reports from out of state conference participants were received expressing very positive impressions of the success of the Tech conference.

The Thirteenth Annual Child Art Conference was sponsored by the department in the fall of 1967. Over 200 teachers, administrators, and adults who work with children attended this one day conference. Conference participants came

from an area of a 150 mile radius of Lubbock. This conference was the pattern for state wide conferences sponsored by the Texas Art Education Association and the Texas Education Agency. This conference has been well received as meeting the needs of the area.

Concluding Statement

The chairman of the Department of Art feels very strongly that students are important, and this is reflected throughout the department. Because of the nature of art, perhaps this is more important in this department than in others.

The faculty morale dropped out the bottom in the spring of 1967, when there was doubt of where art was going to be located and what was going to be considered art. This morale has improved greatly - actually there is a strong faculty morale at this time.

Much credit for the strong faculty morale should go to the Dean of the School of Arts and Sciences who came to Tech without knowing he would have a Department of Art. His ability to listen to the faculty, to help meet emergencies (of which there were many), and to help find the best ways of obtaining goals has helped the Department of Art over many difficult situations.

The Department of Art has a strong faculty, and the department has made great strides even with obstacles and unsolved problems. For this department to reach its full potential, the directions and goals must come from the faculty involved in the program.

The credit for the excellent beginning for the Department of Art should go to the faculty.

DEPARTMENT OF ART

ENROLLMENT BY CLASSES - FALL SEMESTER 1967 - ALLIED ARTS AND APPLIED ARTS COURSES

COURSE NUMBER	NUMBER OF SECTIONS	NUMBER REGISTERED	SEMESTER HOURS CREDIT
ALLIED ARTS 131	2	215	645
ALLIED ARTS 210	1	53	53
ALLIED ARTS 233	3	53	159
ALLIED ARTS 238	4	58	174
ALLIED ARTS 328	2	33	66
ALLIED ARTS 342	2	32	128
ALLIED ARTS 4212	2	35	70
ALLIED ARTS 426	2	22	44
ALLIED ARTS 4311	1	7	21
ALLIED ARTS 4318	1	108	324
ALLIED ARTS 433	1	17	51
APPLIED ARTS 112	3	113	113
APPLIED ARTS 131	22	411	1233
APPLIED ARTS 132	8	123	369
APPLIED ARTS 134	5	100	300
APPLIED ARTS 2311	1	19	57
APPLIED ARTS 2312	1	14	42
APPLIED ARTS 2313	3	44	132
APPLIED ARTS 234	5	73	219
APPLIED ARTS 236	1	15	45
APPLIED ARTS 238	3	41	123
APPLIED ARTS 328	3	88	176
APPLIED ARTS 331	7	117	351
APPLIED ARTS 3312	3	46	138
APPLIED ARTS 3313	2	23	69

DEPARTMENT OF ART - ENROLLMENT BY CLASSES - FALL SEMESTER 1967 - PAGE TWO

COURSE NUMBER	NUMBER OF SECTIONS	NUMBER REGISTERED	SEMESTER HOURS CREDIT
APPLIED ARTS 3314	1	5	15
APPLIED ARTS 334	1	26	78
APPLIED ARTS 337	12	244	732
APPLIED ARTS 338	5	78	234
APPLIED ARTS 411	3	25	25
APPLIED ARTS 4313	1	13	39
APPLIED ARTS 4314	1	20	60
APPLIED ARTS 432	1	15	45
APPLIED ARTS 4321	1	10	30
APPLIED ARTS 4351	1	7	21
APPLIED ARTS 436	1	16	48
APPLIED ARTS 437	1	8	24
APPLIED ARTS 439	1	6	18
UNDERGRADUATE TOTALS	118	1222	6471
APPLIED ARTS 511	3	11	11
APPLIED ARTS 531	1	14	42
GRADUATE TOTALS	4	25	53
UNDERGRADUATE AND GRADUATE TOTALS	122	2358	6524

DEPARTMENT OF ART

ENROLLMENT BY CLASSES - SPRING SEMESTER 1968 - ALLIED ARTS AND APPLIED ARTS COURSES

COURSE NUMBER	NUMBER OF SECTIONS	NUMBER REGISTERED	SEMESTER HOURS CREDIT
ALLIED ARTS 132	2	221	663
ALLIED ARTS 153	2	68	340
ALLIED ARTS 210	1	83	83
ALLIED ARTS 220	1	55	110
ALLIED ARTS 239	4	52	156
ALLIED ARTS 321	2	42	84
ALLIED ARTS 329	2	32	64
ALLIED ARTS 3314	3	43	129
ALLIED ARTS 343	2	28	112
ALLIED ARTS 421	2	34	68
ALLIED ARTS 4313	1	11	22
ALLIED ARTS 427	2	23	46
ALLIED ARTS 4312	1	12	36
ALLIED ARTS 4314	1	17	51
ALLIED ARTS 4319	1	105	315
ALLIED ARTS 434	1	15	45
APPLIED ARTS 112	2	52	52
APPLIED ARTS 131	13	245	735
APPLIED ARTS 132	10	153	459
APPLIED ARTS 134	6	114	342
APPLIED ARTS 231	1	18	54
APPLIED ARTS 2312	2	34	102
APPLIED ARTS 2313	3	43	129
APPLIED ARTS 234	7	110	330
APPLIED ARTS 236	1	11	33
APPLIED ARTS 238	3	43	129

DEPARTMENT OF ART - ENROLLMENT BY CLASSES - SPRING SEMESTER 1968 - PAGE TWO

COURSE NUMBER	NUMBER OF SECTIONS	NUMBER REGISTERED	SEMESTER HOURS CREDIT
APPLIED ARTS 328	3	101	202
APPLIED ARTS 331	6	109	327
APPLIED ARTS 3312	3	62	186
APPLIED ARTS 3313	2	33	99
APPLIED ARTS 3314	1	29	87
APPLIED ARTS 334	1	30	90
APPLIED ARTS 337	10	198	594
APPLIED ARTS 338	6	96	288
APPLIED ARTS 339	1	16	48
APPLIED ARTS 411	4	44	44
APPLIED ARTS 431	1	12	36
APPLIED ARTS 4313	1	18	54
APPLIED ARTS 4315	2	28	84
APPLIED ARTS 432	2	28	84
APPLIED ARTS 4321	1	3	9
APPLIED ARTS 4351	1	8	24
APPLIED ARTS 436	1	12	36
APPLIED ARTS 437	1	15	45
APPLIED ARTS 439	1	12	36
UNDERGRADUATE TOTALS	124	2518	062
APPLIED ARTS 511	3	5	5
APPLIED ARTS 531	1	11	33
APPLIED ARTS 535	1	2	6
GRADUATE TOTALS	5	18	44
UNDERGRADUATE AND GRADUATE TOTALS	129	2536	7106

DEPARTMENT OF ART

FACULTY, ACADEMIC YEAR 1967-1968

Rank and Name	Compensation
Professors:	
Bill C. Lockhart	$ 16,000.00
Mrs. Ethel Jane Beitler	10,600.00
Clarence E. Kincaid, Jr.	15,500.00
Foster L. Marlow	13,500.00
Associate Professors:	
Donald Jack Davis	11,500.00
Ray Wayne Hellberg	11,200.00
Edna Nawanna Houghton	11,300.00
James Dean Howze	11,000.00
Franz Ferdinand Kriwanek	9,900.00
Mrs. Helen Troy Allen Lockard	9,800.00
Roderick Parkinson	9,400.00
John William Queen	8,800.00
Francis B. Stephen	12,700.00
Assistant Professors:	
Mrs. Eula May White Dyer	9,000.00
Hugh James Gibbons	9,700.00
Hiram Varner Greer	9,000.00
Paul Dean Hanna, Jr.	9,200.00
Richard Wayne Henton	10,000.00
Mrs. Peggy Faye Basom Howard	9,300.00
John James Mahlman	10,500.00
Mrs. Patricia Elain Brown Marlow (Part-Time)	2,400.00
Mrs. Juanita Tittle Pollard	10,100.00
Donna Rae Read	8,225.00

DEPARTMENT OF ART - FACULTY - ACADEMIC YEAR 1967-1968 - PAGE TWO

RANK AND NAME	COMPENSATION
ASSISTANT PROFESSORS:	
BETTY ANNE STREET	$ 10,000.00
INSTRUCTORS:	
LONNIE JOE EDWARDS	6,900.00
DICK EVANS	7,400.00
MRS. JACLYN FLYNN HARLAND	6,500.00
LYNWOOD ALOIS KRENECK	7,800.00
MRS. MARY ALICE TERRY LARSON	6,500.00
PART-TIME INSTRUCTORS:	
MRS. QUATHA POWER BAKER	2,600.00
RICHARD JARRELL CHEATHAM, JR.	1,380.00
MRS. ELEANOR JO RUDE KRENECK	1,300.00
MRS. MARJORIE GRAVES LITTLE	3,900.00
MRS. FRONE LOUISE LEHMANN MINTZ	3,250.00
MRS. TERESA JANE ABERNATHY NEAL	1,300.00
JAMES HOWARD WELBORN	650.00
TEACHING ASSISTANTS:	
SHARRON ELIZABETH CREIGHTON	1,200.00
FORREST EDWIN GIST	1,800.00
JEANNE PEARSON	2,400.00
BILL JOE SOWELL	1,800.00

TOTAL FULL TIME FACULTY: 28

TOTAL PART-TIME FACULTY: 8

TOTAL TEACHING ASSISTANTS: 4

TOTAL FACULTY COMPENSATION: $ 305,305.00

Department of Art - Publications and Art Work

Beitler, Ethel Jane

Publications:

Design For You (New York: John Wiley and Sons, Inc., 1961). 206 pp. (with Bill C. Lockhart).

Create With Yarn (Scranton, Pennsylvania: International Textbook Company, 1964). 196 pp.

"You Can Design a Bulletin Board," Practical Home Economics, March, 1962, with Bill C. Lockhart, Vol. 7, No. 6.

"Effective Bulletin Boards," with Bill C. Lockhart, Practical Home Economics, Vol. 8, No. 1, September, 1962.

"Feeling is Seeing," with Bill C. Lockhart, Design, Vol. 63, No. 2, Nov. - Dec., 1961.

Art Work: Awards

Grainlines, Hand-hooked Rug, 1960. Exhibited: Panhandle-South Plains Fair. Second Prize.

The Burning Bush, hand-hooked wallpiece. Exhibited: Dallas Craft Show, Dallas Museum of Fine Arts, 1963. First prize.

Art Work: Shows

Watercolor, Texas Fine Arts Association Circuit Show, 1951; 1953.

One Man Show, Watercolors, Lattimore's Gift Shop, Lubbock, Texas, 1952.

Block Variations, Screen-Printed Textile, 1956. Exhibited: South Plains Art Guild. Citation: Texas Fine Arts Association.

Linear Fantasy, Stitchery Wall Panel, 1960. Exhibited: Twelfth Annual Crafts Exhibition, Dallas.

Green Acres, Hand-hooked Rug, 1960. Exhibited: Second Regional Exhibition, San Antonio, Texas.

One Man Show, "Yarn Fantacies,", Lubbock, Texas, Y.W.C.A., 1961; Alameda State College, Hayward, California, 1962; Municipal Garden and Arts Center, Lubbock, Texas, 1962.

Radiation, stitchery wallpiece. Exhibited: Dallas Craft Show, Dallas Museum of Fine Arts, 1963.

Art Work: Shows con't.

Invitational Craft Show, Lubbock, Texas, 1961, 1962, 1963, 1964, 1965.

Hooked wallpiece, 1966-67. Exhibited: Regional Show for Circuit Tour, Lubbock Art Association.

Creative Stitchery Show, West Texas Museum, Lubbock, Texas, 1966.

Art Work: Commissions

Symbols of Architecture, Enamel on Copper Wall Piece, 22" X 66", Men's Dormitory, Texas Technological College, 1958.

Symbols of the Arts and Sciences, Enamel on Copper Wall Piece, 22" X 66", Men's Dormitory, Texas Technological College, 1958.

Industries of West Texas, Enamel on Copper Wall Pieces, 4 Panels, 24" X 66" each. First Federal Savings and Loan Association, Thirty-fourth Street Office, Lubbock, Texas, 1960. (with B.C. Lockhart).

Enamel and Wood Wallpiece, Mrs. Coates, Seminole, Texas, 1961.

Enamel and Ceramic Fire Screen, Mrs. Bill Collins, Lubbock, Texas, 1959.

Hooked wallpieces, Mrs. Bryan Edwards, Lubbock, Texas, 1964.

Stitchery wallpiece, Mrs. Clara McPherson, Lubbock, Texas, 1965.

Hooked wallpiece, Mr. Ronald Walsh, Lubbock, Texas, 1965.

Pair of hooked wallpieces, Mrs. Douglas Boren, Lubbock, Texas, 1966.

Three hooked wallpieces, Dr. Grover Murray, Lubbock, Texas, 1966.

Stitchery wallpiece, Mrs. Arnold Banks, Lubbock, Texas, 1967.

Department of Art - Publications and Art Work

Davis, Donald Jack

Publications:

"Committee Report: Free and Inexpensive Art Exhibits," Texas Trends in Art Education (Spring, 1963): 21 (with Suella Lacy and Don Stroud).

"Some Thoughts in Intercultural Education Through Art," Texas Trends in Art Education (Spring, 1964): 30.

"How Favorable are the Values of Art Educators to the Creative Person?" Studies in Art Education, 6 (Spring, 1965: 42-53 (with E. Paul Torrance).

"General Creativity Research and Art Education," Texas Trends in Art Education (Autumn, 1965): 22-24.

"Some Implications of General Creativity Research for Art Education," Texas Trends in Art Education (Spring, 1966): 25-28.

"Research Trends in Art Education," Art Education, Vol. XX, No. 7 (October, 1967): 12-16.

Art Work: Shows

Cityscape, casein painting. Exhibited: Waco Art Forum Regional Exhibition, Museum for Contemporary Arts, Waco, Texas, 1961.

One Man Show, painting and drawing. Exhibited: Van Howeling Memorial Library, Wayland Baptist College, Plainview, Texas, 1961.

The City, oil. Exhibited: Texas Fine Arts Association Regional Exhibition, Municipal Garden and Arts Center, Lubbock, Texas, 1962. Citation Award. Exhibited: Texas Fine Arts Association State Exhibition, Laguna Gloria Gallery, Austin, Texas, 1962. Exhibited: Plains Art Association Exhibition, Sidewalk Art Show, Plainview, Texas, 1963. Citation Award.

Red Mountains, oil. Exhibited: Plains Art Association Exhibition, Woman's Club, Plainview, Texas, 1962.

One Man Show, painting and drawing. Exhibited: South Plains College Library, Levelland, Texas, 1962.

Forest Movement, watercolor. Exhibited: Texas Fine Arts Association Regional Exhibition, Municipal Garden and Arts Center, Lubbock, Texas, 1963.

One Man Show, painting and drawing. Exhibited: Methodist Hospital Gallery, Lubbock, Texas, 1963.

The Steeple, watercolor. Exhibited: Methodist Hospital Gallery, Invitational Religious Art Exhibition, Lubbock, Texas, 1963.

Art Work: Shows con't.

Woven rya rug and silk screened fabric. Exhibited: Minnesota State Fair Arts Exhibition, State Fair Gallery, St. Paul, Minnesota, 1964.

Silk screened fabric. Exhibited: Lubbock Art Association, Artist-Craftsmen Invitational Show, Municipal Garden and Arts Center, Lubbock, Texas, 1965.

Creative Stitchery Exhibition, West Texas Museum, Lubbock, Texas, 1967.

Texas Technological College Art Department Faculty Show, Texas Art Education Association Spring Conference, Odessa Junior College, Odessa, Texas, 1968.

Art Work: Juror for shows

Methodist Hospital Gallery Invitational Religious Art Show, Lubbock, Texas, 1962.

Wichita Falls Art Association's 18th Sidewalk Art Show, Wichita Falls, Texas, 1965.

Big Spring Art Association Regional Art Show, Big Spring, Texas, 1967.

Department of Art - Publications and Art Work

Dyer, Eula May

Art Work: Awards

Purchase award for painting from Voertman's for student exhibition at Texas Women's University, 1962.

Regional award, Texas Fine Arts Association, Austin, Texas, 1968.

Art Work: Shows

Tarrant County Exhibitions

Fort Worth Art Center

Texas Women's University, 1966.

Stitchery Exhibition, West Texas Museum, Lubbock, Texas, 1966.

Shuttle's Gallery, Dallas, Texas.

President's Wing, Texas Technological College, Lubbock, Texas, 1966, 1967.

Texas Tech Faculty Show, McKelvy's, Lubbock, Texas, 1967.

Stitchery Show, West Texas Museum, Lubbock, Texas, 1968.

Faculty Show, New Mexico Junior College, Hobbs, New Mexico, 1968.

Art Work: Commissions

Two paintings, Harold A. Ellard, Dallas, Texas, 1966.

Five paintings, Robert W. Roush, Fort Worth, Texas, 1966-67.

Painting, Jewel Bishop, Los Angeles, California, 1966.

Department of Art - Publications and Art Work

Edwards, Lonnie Joe

Art Work: Shows

52nd Allied Artists of America, 1965.

Baker Collectors Gallery, Lubbock, Texas.

Department of Art - Publications and Art Work

Evans, Dick

Art Work: Awards

Utah State Fair, Ribbons, 1963, 1964, 1965.

Utah Designer Craftsmen, 1965, two awards of merit issued by American Craftsman's Council.

Southwestern Craftsmen, 1967, Honorable Mention.

Pottery and sculpture, Midland Art Association Exhibition, Midland, Texas, 1967, first prize, second prize and honorable mention.

First Annual Prints, Drawings, and Crafts Exhibition, Arkansas, 1967, Purchase prize and honorable mention.

Art Work: Shows

Second Intermountain Biennial of Painting and Sculpture, Salt Lake City, Utah, 1965.

Southwestern Craftsmen, Santa Fe, New Mexico, 1965.

Utah Craftsmen Exhibit, 1965.

Eighth Utah Biennial of Painting and Sculpture, 1966.

Southwest Regional Exhibition of Craftsmen, U.S.A., 1966.

Southwestern Fiesta Biennial Exhibition, Santa Fe, New Mexico.

One Man Show, Phillips Gallery, Salt Lake City, Utah, 1966, 1967.

One Man Show, University Art Gallery, University of Utah, 1966.

One Man Show, Regency Gallery, Lubbock, Texas, 1966.

45th Regional Jury Exhibition Painting and Sculpture, Louisiana, 1967.

Juried Arts, Fourth National Exhibition, Texas, 1967.

Texas Designer Craftsman Exhibition, 1968.

Juried Gulf Coast Art Exhibit, Alabama, 1968.

4th National Arts and Crafts Exhibition, Mississippi, 1968.

Two Man Show, Gallery in the Square, Fort Worth, Texas, 1968.

Art Work: Commissions and Permanent Collections

Wedding rings, Shirley White, Salt Lake City, Utah, 1965.

Wedding rings, Harold Boggs, Salt Lake City, Utah, 1966.

Wedding rings, Elizabeth Anderson, Salt Lake City, Utah, 1966.

Wedding rings, Tim Sloan, Salt Lake City, Utah, 1964.

Ring, Joyce Gardner, Salt Lake City, Utah, 1965.

Ring, Quata Taylor, Phoenix, Arizona, 1965.

Wedding rings, Mike Burgess, Lubbock, Texas, 1966.

Wedding rings, David Spaeth, Lubbock, Texas, 1967.

Sculpture, Bass & Hobbs Attorneys, Lubbock, Texas, 1966.

Sculpture, Dr. Barrington, Dental Clinic, Lubbock, Texas, 1967.

Sculpture, Mr. and Mrs. Brooks Herring, Lubbock, Texas, 1967.

Ceramic planters, Mr. and Mrs. Ed Winton, Lubbock, Texas, 1968.

Ceramic planters, Mr. and Mrs. Arthur Foster, Lubbock, Texas, 1968.

Ceramic planters, Dr. and Mrs. Donald Craig, Lubbock, Texas, 1968.

Sculpture in the permanent collection of the Salt Lake Art Center, Salt Lake City, Utah.

Department of Art - Publications and Art Work

Gibbons, Hugh James

Art Work: Awards

Oil painting, Annual Harrisburg, Pennsylvania Art Association Exhibit, 1958, second prize for oils.

Pen and ink drawing. Exhibited: The 1964 Southwestern Biennial, Fine Arts Building, Museum of New Mexico, Santa Fe, 1964. Patron's Award for Drawing.

Pen and ink drawing, 1964. Exhibited: The First Bucknell Annual National Drawing Exhibition, Kress Gallery, Bucknell University, Lewisburg, Pennsylvania, 1965. Purchase Award.

The Santa Fe Biennial, Fine Arts Building, Museum of New Mexico, Santa Fe, 1966. Cash award for "Excellence in Drawing".

Art Work: Shows

Student Exhibitions at the A.V.B. and M.I. Art Galleries, University Park, Pennsylvania, 1958-1961.

One Man Show, The Landing Gallery, Harrisburg, Pennsylvania, 1959.

Group Show (Oils), Gallery 129, State College, Pennsylvania, 1960.

Paintings, The Ivyside Gallery, Altoona, Pennsylvania, 1960.

The 155th Pennsylvania Academy of Fine Arts, Philadelphia, Pennsylvania, 1960.

Young American Artists, Xavier University, New Orleans, Louisiana, 1960.

Second Biennial of American Painting and Sculpture, The Detroit Institute of Arts, 1960.

One Man Show, fifteen oil paintings, ten pen and ink drawings and three sculptures. Exhibited: The Jenner Art Gallery, Jennerstown, Pennsylvania, 1962.

Six oil paintings, seven pen and ink drawings, and four sculptures. Exhibited: The A.A. Gohn Gallery, Harrisburg, Pennsylvania, 1962.

Pen and ink drawing, 1961. Exhibited: The 158th Annual Exhibition, The Pennsylvania Academy of Fine Arts, Philadelphia, 1963.

One Man Show, fifteen oil paintings and fourteen pen and ink drawings. Exhibited: Art-Gallery, The Pennsylvania State Museum, Harrisburg, 1963.

Pen and ink drawing, 1963. Exhibited: The Fifth National "Ultimate Concerns" Exhibition, Ohio University Art Gallery, Athens, 1964.

Art Work: Shows con't.

Two pen and ink drawings. Exhibited: The 53rd Annual, Newport Art Association Gallery, Newport, Rhode Island, 1964.

Three oil paintings and six pen and ink drawings. Exhibited: The Texas Technological College Student Union, Lubbock, Texas, 1964.

Two pen and ink drawings. Exhibited: The 160th Annual Exhibition, The Pennsylvania Academy of Fine Arts, Philadelphia, 1965.

Pen and ink drawing, 1964. Exhibited: The 21st Drawing Biennial, Museum of Arts and Sciences, Norfolk, Virginia, 1965.

Three oil paintings. Exhibited: The Rotunda Gallery, West Texas State Museum, Lubbock, Texas, 1965.

One Man Show, twenty-two oil paintings and twenty-one pen and ink drawings. Exhibited: Municipal Garden and Arts Center, Lubbock, Texas,1965.

Three sculptures. Exhibited: The Lubbock Art Association Annual Invitational Artist-Craftsmen Show, Municipal Garden and Arts Center, Lubbock, Texas, 1965.

Six pen and ink drawings. Exhibited: The Martin Gallery, New York, 1965.

The Second Biennial Invitational Drawings Exhibition, Otis Art Institute, Los Angeles, California, 1966.

The 55th Annual Newport, Rhode Island Art Association Show, 1966.

Fourth Annual Western Washington State College Show, Pellingham, Washington.

Third Bucknell Annual National Drawing Exhibition, Bucknell University, Lewisburg, Pennsylvania.

Three man painting exhibition, Lynn Kotter Galleries, New York.

Faculty show, New Mexico Junior College, Hobbs, New Mexico, 1968.

"Illuminated Prominences No. 1", mixed media painting, Hemisfair Exhibit, sponsored by Texas Fine Arts Commission, San Antonio, Texas, 1968.

Department of Art -- Publications and Art Work

Greer, H. V.

Art Work: Shows

Invitational Show, Fair Grounds, Women's Building, Lubbock, Texas, 1964.

Two Man Show, Regency Gallery, Lubbock, Texas, 1965.

Arts and Crafts Show, Garden and Arts Center, Lubbock, Texas, 1966, best in graphics award.

Invitational Show, Methodist Hospital, Lubbock, Texas, 1966.

Invitational Graphics Show, Lubbock Art Gallery, Lubbock, Texas, 1966.

TFAA Region 20 Show, Lubbock, Texas, 1967.

TFAA Region 20 Winners Show, Austin, Texas, 1967.

Membership Show, Lubbock Art Association, Lubbock, Texas, 1967.

Invitational Show, Lubbock Art Association, Lubbock, Texas, 1967.

Invitational Show, Student Union Building, Texas Technological College, Lubbock, Texas, 1967.

Faculty exhibit, President's Wing, Texas Technological College, Lubbock, Texas, 1967.

Faculty exhibit, New Mexico Junior College, Hobbs, New Mexico, 1968.

Pen and ink drawing, Texas Fine Arts Association's Summer Citation Exhibition, Laguna Gloria Museum, Austin, Texas, 1968, regional citation.

Art Work: Commissions

Ceramic Murals, Hulen and Clement Halls, Texas Technological College, Lubbock, Texas, 1964.

Oil Paintings, Mrs. Jim Gard, Amarillo, Texas, 1965, 1966.

Numerous commissions in Advertising Art.

Department of Art - Publications and Art Work

Hanna, Paul Dean

Art Work: Awards

Collage, 1963. Exhibited: Texas Fine Arts Association Show, Laguna Gloria Museum, Austin, Texas, 1963. Also exhibited Lubbock Art Association, Municipal Garden and Arts Center. First Place Purchase Prize, 1963.

Oil painting, 1965. Exhibited: Texas Fine Arts Association, Lubbock Art Association Region 20 Show, Municipal Garden and Arts Center, Lubbock, Texas, 1965. First Place Purchase Prize. Citation.

Woodblock print, 1965. Exhibited: Texas Fine Arts Association, Lubbock Art Association Region 20 Show, Municipal Garden and Arts Center, Lubbock, Texas, 1965. Citation. Exhibited: Fort Worth Art Association Show, Fort Worth Art Center, Fort Worth, Texas, 1965. Bell Reproduction Purchase Award.

Oil painting, 1965. Exhibited: Fort Worth Art Association Show, Fort Worth Art Center, Fort Worth, Texas, 1965. Co-winner Bertram Newhouse Award.

Bronze sculpture, 1965. Exhibited: Texas Fine Arts Association Region 15, Fort Worth Art Center, 1965. Third Place Cash Award.

Woodblock print, 1966. Exhibited: Texas Fine Arts Association, Lubbock Art Association Region 20 Annual, Forrest Company purchase prize, three citations.

"Best in Oils," 1966, First Annual Regional, Hobbs, New Mexico, Purchase Prize.

Bronze, Eight State Exhibition of Painting and Sculpture, Oklahoma Art Center, Purchase Prize.

"Return of the Prodigal," "Resistant Man," and "Owl," woodblock prints, 1967 Midland Arts Association Arts and Crafts Exhibition, "best of show," Award.

Art Work: Shows

Texas Fine Arts Association State Annual, Laguna Gloria Museum,Austin, Texas, 1964.

One Man Show, Lubbock Municipal Garden and Arts Center, 1964.

Oil painting, 1964. Exhibited: Show of Miniatures, Hertzberg Gallery, San Antonio, Texas, 1964.

One Man Show, 1964. Exhibited: Texas Christian University, Fort Worth, Texas, 1964.

Gouache, 1964. Exhibited: Texas Watercolor Show, Witte Museum, San Antonio, Texas, 1964.

Group Show, Ferrell Galleries, Santa Fe, New Mexico, 1964.

Texas Annual Painting and Sculpture Show, Dallas Museum of Fine Arts, Dallas, Texas, 1964.

Art Work: Shows con't.

Texas Annual Painting and Sculpture Show, Circuit Show, 1964.

Group show, Studio One Gallery, Fort Worth, Texas, 1964.

Woodblock print, 1965. Exhibited: Fort Worth Art Association Show, Fort Worth Art Center, 1965. Exhibited: Religion in Art Exhibition, The Birmingham Museum, Birmingham, Alabama, 1965.

Drawing, 1965. Exhibited: Fort Worth Art Association Show, Fort Worth Art Center, 1965.

Gouache, 1965. Exhibited: Texas Watercolor Show, Witte Museum, San Antonio, Texas, 1965.

Three woodblock prints and two paintings, 1965. Exhibited: 3rd Annual Art Festival, Temple E-man-u-el, Dallas, Texas, 1965.

Oil painting, 1965. Exhibited: Texas Annual Painting and Sculpture Show, Dallas Museum, 1965.

One Man Show, 1965. Exhibited: National Gallery, Fort Worth, Texas.

Bronze sculpture, 1965. Exhibited: Texas Fine Arts Association Region 15, Laguna Gloria Museum, Austin, Texas, 1965.

Four sculptures (two bronzes, two welded), 1965. Exhibited: Lubbock Art Association Artists and Craftsmen Invitational Exhibition, Municipal Garden and Arts Center, Lubbock, Texas, 1965.

Woodblock print, Dallas-Fort Worth Art Directors' Show, 1965.

Group Show, C. Troup Gallery, Dallas, Texas, 1965.

Southwestern Exhibition of Prints and Drawings, Dallas Museum of Fine Arts, Dallas, Texas, 1966.

Northwest Printmakers International Print Show, 1966.

Seattle Museum of Art, 1966.

Portland Museum of Art, 1966.

Texas Fine Arts Association State Annual, Laguna Gloria Museum, Austin, Texas, 1966.

Group show, Lubbock Art Gallery, 1966.

Faculty show, Texas Technological College, Lubbock, Texas, 1966.

Gallery in the Square, Inc., Neiman-Marcus, Fort Worth, Texas, 1966.

Art Work: Shows con't.

Print, 55th Annual National Exhibition of the Art Association of Newport, 1966.

Print and Oil, Southwestern Biennial Exhibition, Museum of New Mexico, Santa Fe, 1966.

Print, Fifth Biennial National Religious Art Exhibition, Cranbrook Galleries, Bloomfield Hills, Michigan, 1966.

Country Beautiful National Print Show (Dignity of Man Theme)

"Resistant Man," woodcut, 7th Annual Mercyhurst College National Exhibition of Graphics, Edinboro, Pennsylvania, 1967.

"Latent," oil painting, 10th Annual Invitational Art Exhibition, Longview, Texas, 1968.

"Non Pousto," woodcut, 39th Northwest Printmakers International Exhibition, Portland Art Museum, Portland, Oregon, 1968.

Faculty show, New Mexico Junior College, Hobbs, New Mexico, 1968.

"Hysozooist," oil, Hemisfair Exhibit, sponsored by Texas Fine Arts Commission, San Antonio, Texas, 1968.

Department of Art - Publications and Art Work

Harland, Jaclyn Flynn

Art Work: Shows

Applied Arts Show, Texas Technological College, Lubbock, Texas, 1964.

Stitchery Show, West Texas Museum, Lubbock, Texas, 1966, 1968.

Faculty Art Show, Garden and Arts Center, Lubbock, Texas, 1965, 1967.

Faculty Art Show, Texas Technological College Student Union, Lubbock, Texas, 1965, 1967.

Department of Art - Publications and Art Work

Hellberg, Ray

Publications:

"Conceptual Learning in Art" (Video-Tape), 1959, Brigham Young University.

Art Work: Awards

First Place, Religious Art Show, Lubbock, Texas, 1962.

Citation, South Plains Art Guild Show, Lubbock, Texas, 1962.

First Mention, Texas Fine Arts Association Traveling Exhibition, 1962.

First Place, Sculpture, South Plains Fair, Lubbock, Texas, 1963.

First Place, National Art Week Show, Provo, Utah, 1957.

Second Place, National Art Week Show, Provo, Utah, 1961.

Art Work: Commissions

Commission for Mural, Provo, Utah, 1960.

Art Work: Shows

Exhibits of paintings, prints and sculpture in Texas invitational and group shows

Henton, Richard Wayne

Publications:

"Appraising Value of Interior Design Courses," Journal of Home Economics. December, 1962, p. 54.

"Do the Labels of Home Furnishings Provide Adequate Information?" Journal of Home Economics, May 1967, p. 59.

Art Work: Commissions

Dining Area, Hideaway Pizza Hut, Stillwater, Oklahoma, 1961.

Reception Area, Veterans Hospital, Marian, Illinois, 1963.

Color Consultant, Dr. Glen P. Reeder, Greenville, N.C., 1965.

Interiors consultant, Dr. Glen P. Reeder, Nashville, Tennessee, 1966.

Interiors consultant, F.O. Haywood, Bartlesville, Oklahoma, 1964.

Color consultant, Edwards Electronics, Lubbock, Texas, 1968.

Department of Art - Publications and Art Work

Howard, Peggy B.

Art Work: Shows

Dallas, 1961-1966.

Western Arts Association, Minneapolis, Minnesota, 1963.

Stitchery Show, West Texas Museum, Lubbock, Texas, 1966, 1967.

Robert Hall Gallery, 1967.

Faculty Show, McKelvy's, Lubbock, Texas, 1966.

Lubbock Art Association Exhibit, Garden and Arts Center, 1967. (Painting chosen for circuit tour.)

Art Work: Commissions

Stitchery, Dallas, Texas, 1967.

Stitchery, Law Library, St. Mary's College, San Antonio, Texas, 1968.

Department of Art - Publications and Art Work

Howze, James D.

Publications:

Cartoons and humorous verse in several issues, 1965-1966, of Sports Car Graphic magazine.

Tech Library Brochure, Texas Technological College, Lubbock, Texas, 1965.

Brochure for Association of Collegiate Schools of Architecture, 1963.

Art Work: Awards (last five years)

Two consecutive national first place awards for teachers in package design, St. Regis National Student Package Design Competition, Chicago, Illinois, 1962-1964.

Dallas - Fort Worth Art Directors Club, regional - two, award of Distinctive Merit.

TFAA Region 20 Exhibition, award.

Llano Estacado Annual Exhibit, Hobbs, New Mexico, award.

"Visit from a Living Relative," charcoal drawing, exhibited, 1967 Midland Arts Association Arts and Crafts Exhibition, second award in graphics.

Art Work: Shows (last five years)

Three Texas Technological College Faculty Exhibitions, Lubbock, Texas.

Four West Texas Watercolor Association Exhibitions.

Four Lubbock Art Association Exhibitions, Lubbock, Texas.

Southwest Print and Drawing Exhibition, Dallas Museum, Dallas, Texas.

Fifth Biennial National Religious Art Exhibition, Cranbrook Academy.

Texas Fine Arts Association Exhibition, Austin, Texas.

One Man Show, Lubbock, Texas.

Lubbock Art Association Circuit Shows, two, Lubbock, Texas.

Three Man Show, West Texas Museum, Lubbock, Texas.

Santa Fe Biennial, Museum of New Mexico, Santa Fe, New Mexico.

Lubbock Art Association Invitational Exhibition, represented by: Lubbock Art Gallery, Gallery in the Square, Neiman-Marcus Plaza, Fort Worth, Texas.

Art Work: Shows con't.

Exhibition, New Mexico Junior College, Hobbs, New Mexico, 1968.

Hemisfair Exhibition, "Seraph," watercolor, San Antonio, Texas, 1968.

Art Work: Juror for Shows

Co Juror, Lawton,Oklahoma National Exhibition, 1963.

Juror, Big Spring Art Association, 1966.

Art Work: Commissions

Illustration for article in Ordnance magazine, Maj. Allan Taffler, Ft. Sill, Oklahoma, 1956.

Three drawings for Athens of the Panhandle (book), Clarendon Press, Clarendon, Texas, 1959.

Symbol and letterhead and yearbook, American Academy of Advertising, 1964.

Department of Art -- Publications and Art Work

Kincaid, Clarence Everit

Publications:

"Imagination Versus Knowledge," Texas Trends in Art Education (Spring, 1963): 7-8.

"Examining Values in the Art of Children," Art Education, 17 (October, 1964): 15-17.

"The Determination and Description of Various Creative Attributes of Children," Creativity and Art Education, National Art Educators Association (1964): 108-115.

"Approaching Watercolor," Texas Trends in Art Education (Spring, 1965): 32-35.

Co-director of approximately 100 educational films (8mm concept).

Art Work: Awards

Sculpture Award, First Place, International Soap Sculpture Contest, Proctor and Gamble, 1954 (Honorable Mention, 1955).

Exhibit Award, First Place, West Texas State University Art Alumni Show, 1955.

Purchase Award, West Texas Art Guild Exhibition, Amarillo, Texas, 1955.

Jewelry, South Plains Fair, Lubbock, Texas, 1960 and 1961, first prize.

Ship and Sail, watercolor. Regional Show, Texas Fine Arts Association (Spring, 1963). First Award.

Citation Awards, watercolor paintings, Regional Show, Texas Fine Arts Association; 1962, 1963, 1964, and 1965.

Art Work: Shows

One Man Showing, Oil and Casien Painting, Tri-State Fair Exhibition, Amarillo, Texas, 1956.

Represented in Traveling International Exhibit, "Life in the United States," Ford Motor Company, 1958.

Sterling Silver and Ebony Pendant, Jewelry, 1958. Exhibited: The Pennsylvania State University Summer Art Exhibit (First Award), 1958. Exhibited: Panhandle-South Plains Fair, Lubbock, Texas, 1960 (Second Prize).

Circuit Exhibitor, Texas Fine Arts Association, 1962 and 1963.

One Man Show, watercolor. Municipal Garden and Arts Center, Lubbock, Texas, September, 1963.

Art Work: Shows con't.

One Man Show, watercolor. Reynolds Gallery, Taos, New Mexico, July, 1963.

One Man Show, watercolor. Reynolds Gallery, Taos, New Mexico, July, 1965.

"West Texas", watercolor, Hemisfair Exhibit, sponsored by Texas Fine Arts Commission, San Antonio, Texas, 1968.

Art Work: Commissions and Permanent Collections

Sculpture ("Old Charlie"), Senior Class '49, West Texas State University, Canyon, Texas, 1949.

Mural, Canyon Senior High School, Canyon, Texas, 1956.

Series of watercolors, J.W. Bailey, Architect, Amarillo, Texas, 1957-1959.

Four Habitants, Plains Historical Museum, Canyon, Texas, 1957-1958.

The Palo Duro Canyon, A Series of Paintings (Water Color), 1957. On a commission from the Ford Motor Company. Published in The Ford Times, August, 1957.

The "Dry Cimarron Country" of New Mexico, A Series of Paintings (Water Color), 1958. On a commission from the Ford Motor Company. Published in The Ford Times, May, 1958.

Folsom, New Mexico. A Painting. Selected by the Ford Motor Company for inclusion in an international traveling exhibition on "Life in the United States," 1959.

Series of watercolors, Texas Tech Student Union, Lubbock, Texas, 1962.

Mural, Purchased by John Lott, Lubbock, Texas, 1963.

Discover the New Texas Panhandle, four watercolor illustrations, Ford Times, 57 (November, 1964): 17-21.

Permanent Exhibition, Reynold's Gallery, Taos, New Mexico.

Permanent Exhibition, Fine's Galleries, Lubbock and Dallas, Texas.

Permanent collection, Texas University.

Permanent collection, Frank Dobie-Paisano project.

Ford Times Permanent Art Collection.

Viktor Lowenfeld Memorial Permanent Collection.

Art Work: Commissions and Permanent Collections con't.

Permanent exhibition, West Texas Museum, Lubbock, Texas.

Permanent exhibition, Texas Technological College Student Union, Lubbock, Texas.

Department of Art - Publications and Art Work

Kreneck, Lynwood Alois

Art Work: Awards

Pollock Paper Corporation Annual Competitive Packaging Contest, 1958, First Award.

Two-color magazine advertisement. Exhibited: Artists' and Designers' Show, San Antonio, Texas, 1962. First Award.

Full-color outdoor billboard. Exhibited: Artists' and Designers' Show, San Antonio, Texas, 1962. First Award.

TFAA Regional Exhibition, 1966, Fifth Award.

Texas Watercolor Society Annual Exhibition, 1967, Purchase Prize.

Art Work: Illustrations

Thirty-six illustrations, in twenty-five issues of Texas Parade, October, 1963, through November, 1965.

Art Work: Shows

Three-color brochure. Exhibited: Artists' and Designers' Show, San Antonio, Texas, 1961.

Bitter Frozen Sky, casein painting. Exhibited: Annual Exhibition of Southwestern American Art, Oklahoma Art Center, Oklahoma City, 1962.

Solitary Bather, casein painting. Exhibited: Annual Texas Watercolor Exhibition, Witte Memorial Museum, San Antonio, Texas, 1962.

Parishioner, casein painting. Exhibited: Annual City Exhibition, Witte Memorial Museum, San Antonio, Texas, 1962.

Simple Pleasure, casein painting, 1962. Exhibited: Annual Texas Painting and Sculpture Exhibition, Witte Memorial Museum, San Antonio, Texas, 1962-1963.

Shabasha Place, casein painting. Exhibited: Annual City Exhibition, Witte Memorial Museum, San Antonio, Texas, 1963.

Even in Winter, The Sun God, ink drawing. Exhibited: Annual City Exhibition, Witte Memorial Museum, San Antonio, Texas, 1963.

Simple Pleasure, casein painting, 1962. Exhibited: Texas Fine Arts Association Exhibition, Laguna Gloria Gallery, Austin, Texas, 1964.

Bitter Fruit of Winter's Garden, four-color etching, 1964. Exhibited: Northwest Printmakers Thirty-Sixth International Exhibition, Seattle Art Museum, Seattle, Washington, 1965. Exhibited: Fifteenth Exhibition of Southwestern Prints and Drawings, Dallas Museum of Fine Arts, Dallas, 1965.

Art Work: Shows con't.

Thought, drawing, 1965. Exhibited: Fifteenth Exhibition of Southwestern Prints and Drawings, Dallas Museum of Fine Arts, Dallas, 1965.

Invoke the Ancient Idol, oil. Exhibited: Texas Fine Arts Association Exhibition, Laguna Gloria Gallery, Austin, 1965.

Llano Estacado Annual Competition, Hobbs, New Mexico, 1966.

Kutztown Annual Imprint Printmaking Exhibition, 1966.

Watercolor U.S.A. (Circuit Merit), 1966.

Northwest Printmaker's 36th International Print Exhibition, 1966.

Butler Institute Midyear Exhibition, Youngstown, Ohio, 1967.

Faculty Show, New Mexico Junior Collge, Hobbs, New Mexico, 1968.

Texas Watercolor Society Annual Exhibition, Witte Museum, San Antonio, Texas, 1966-1967.

"Still Life With Kite," an acrylic, Hemisfair Exhibit, sponsored by Texas Fine Arts Commission, San Antonio, Texas, 1968.

Department of Art - Publications and Art Work

Kriwanek, Franz F.

Publications:

Iowa Art Education Bulletin, 1955, 1956, 1960.

Artist Equity News, 1959.

"Art Education and the Cold War," Texas Trends, 1965.

"Texas Clay for Texas Schools," Texas Trends, 1967.

"A $35.00 Pugmill for Every Potter," Texas Trends, 1967.

Art Work: Commissions

Fresco paintings, Apse of Bongbro Church, Sweden, 1949.

Ceramic Mural, Kopning, Sweden, 1949.

Fountains, Shenandoah, Iowa, 1953-56.

Silver Bowl, White Sox, Chicago, 1959.

Silver Bowl, Iowa Wesleyan College, 1965.

Three large planters, Texas Technological College Theatre, 1965.

Large Ceramic Mural, Charles Maedgen, Lubbock, Texas, 1966.

Mural, Library, Shenandoah, Iowa, 1958.

Ceramic plaques, Dr. K.L. Reeck, Tuscon, Arizona.

Tray, D.W. Williams, Yakima, Washington.

Planters, President's Office, Texas Technological College, Lubbock, Texas.

Stoneware Fountain, Mrs. Beal, Midland, Texas, 1966.

Stoneware Plaque, King Ranch, Texas, 1966.

Two large planters, Library, Texas Technological College, Lubbock, Texas, 1966.

Large garden piece, Mr. and Mrs. Marshall Pennington, Lubbock, Texas, 1967.

Art Work: Permanent Collections

Znojmo Cultural Museum, Czechoslovakia, 1940.

Znojemska Umelecka Gallery, Czechoslovakia, 1940-41.

Art Work: Permanent Collections con't.

Grazer Kunst Gallery, Austria, 1947-48.

Vienna Art Guild Gallery, Vienna, Austria, 1941.

The Vienna Secession Gallery

Wasteros Fine Arts Museum, Sweden, 1949.

Swedish National Art Museum, Stockholm, Sweden, 1949.

Permanent Collection at State University of Iowa, 1961.

Des Moines Art Center, Des Moines, Iowa, 1958.

The Joslyn Art Memorial, Omaha, Nebraska, 1958-59.

West Texas Museum, Texas Technological Collge, Lubbock, Texas, 1967.

Art Work: Shows

West Texas Panhandle Fair Art Exhibit, 1964.

One Man Show, Los Patios, Midland, Texas, 1965.

One Man Show, Mission Gallery, Taos, New Mexico, 1965.

One Man Show, Little Shoppe, Lubbock, Texas, 1965-66.

International Museum of Folkart, Santa Fe, New Mexico, 1966.

State Invitational Exhibit, Texas Designer Craftsman, 1965.

T.D.C. Invitational, University of Texas, Austin, Texas, 1967.

Gallery Show, Midland Public Library, Midland, Texas, 1968.

Exhibited work in the United States and Austria, Sweden, and Italy, (17 one man shows, and more than 50 invitational group exhibits).

Art Work: Juror for Shows

Texas Secondary Schools Art Exhibit, Odessa, Texas, 1964.

District Fine Arts Exhibit of District 21, Amarillo, Texas, 1965.

Big Spring, Midland, Odessa Districts, Regional Fine Arts Exhibit, 1966.

Department of Art - Publications and Art Work

Larson, Mary Alice Terry

Art Work: Shows

One Man Stitchery Show, Big Spring Savings and Loan, Big Spring, Texas, 1965.

Stitchery Show, West Texas Museum, Lubbock, Texas, 1966.

Faculty Show, Texas Technological Collge Student Union, 1967.

Department of Art - Publications and Art Work

Lockard, Troy Allen

Publications:

Brush Tips in Watercolor, A Forty-minute Educational Sound-Color Film, 1956. (with Robert I. Lockard)

Illustrations for Mabel D. Erwin, Clothing for Moderns (New York: The Macmillan Company, Revised Edition, 1957).

Art Work: Awards

Three top prizes for interior design in the International "Better Homes for Better Living" competition, 1942.

Art Work: Shows

Two Man Show, West Texas Museum, 1938.

Two Man Show, Lubbock Municipal Garden and Arts Center, 1962.

Art Work: Commissions

Two carved panels, Texas Technological College Student Union, Lubbock, Texas, 1962.

Department of Art - Publications and Art Work

Lockhart, Bill C.

Publications:

Design for You (New York: John Wiley & Sons, Inc., 1961). 198 pp. (with Ethel Jane Beitler.)

Photographs, in Create With Yarn, Ethel Jane Beitler, International Textbook Company, 1964.

Articles in Texas Trends:
"Fun with Plaster and Glass," Spring, 1951, pp. 2-3.
"Inspirational Meeting - First National Art Education Association Convention," Spring, 1951, p.4.
"Penn State Art Education Department," Fall, 1951, p.3.
"Bill Lockhart Says--," November, 1955, p.8.

"Fun With Plaster and Glass," Texas Outlook, Vol. 35, No. 6, (June, 1951), pp. 24-25.

"Art and Community Relationships," Chapter 9, Art and Human Values, Third Yearbook, National Art Education Association, 1953, pp. 99-106.

"Parental Understanding of School Art Programs and Its Relationship to Certain School Supervisory Practices in Art Education, Research in Art Education, Yearbook of the National Art Education Association, 1956, pp. 96-102.

"Do Parents Understand School Art?" Texas Trends in Art Education, November, 1956, p. 23.

"Perceiving Proper Proportions," Texas Trends in Art Education, Autumn, 1959, p. 22.

"You Can Design Effective Bulletin Boards," Practical Home Economics (Teacher Edition of Co-ed, February, 1962): 24-25; 34 (with Ethel Jane Beitler).

"Policy Committee Report on Art Certification," Texas Trends in Art Education (Spring, 1963): 22-26.

"Effective Bulletin Boards," Practical Home Economics (Teacher Edition of Co-ed, September, 1962): 32-33; 51-53 (with Ethel Jane Beitler).

"Swan Song," Texas Trends in Art Education (Fall, 1962): 24.

Editorial Board, section on Art Education, Journal of the National Art Education Association (1963-1965).

"Art Education," guest editorial, Journal of the National Art Education Association, (October, 1964): 3.

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Publications con't.

"Where Now Brown Cow," Texas Trends in Art Education (Spring, 1961): 1.

"Feeling is Seeing," Design, 63 (November-December, 1961): 82-84 (with Ethel Jane Beitler).

Art Work: Awards

Conception, Wire Sculpture, 1956. Exhibited: South Plains Art Guild (First Prize for Crafts). Exhibited: Texas Fine Arts Association, 1957.

Art Work: Shows

One Man Show, oils, watercolors, and pottery, Amarillo, Texas, 1950.

One Man Show, oils and watercolors, Pampa, Texas, 1950.

One Man Show, oils and watercolors, Clarendon, Texas, 1950.

One Man Show, oils and watercolors, Borger, Texas, 1951.

One Man Show, oils and watercolors, Quanah, Texas, 1951.

One Man Show, oils and watercolors, Wichita Falls, Texas, 1951.

One Man Show, sculpture, Wichita Falls, Texas, 1958.

Alcove Show, sculpture, Lubbock Art Association, 1960.

Finalist in American Academy in Rome Fellowships, 1951.

Exhibits in painting and sculpture in Texas and Pennsylvania, 1950-1955.

Exhibits in enamels and sculpture in Texas, 1955 - present.

The Old Man, Wire Sculpture, 1956. Exhibited: South Plains Art Guild, 1956.

Metal sculpture, two or three items each year, Invitational Craft Show, Municipal Garden and Arts Center, 1962-1965.

Art Work: Commissions

Money Tree, Brass Metal Sculpture, 71/2' X 10'. First Federal Savings and Loan Association, Thirty-fourth Street Office, Lubbock, Texas, 1960.

Symbols of Engineering, Enamel on Copper Wall Piece, 22" X 66", Men's Dormitory, Texas Technological College, 1958.

Art Work: Commissions con't.

Symbols of Business Administration, Enamel on Copper Wall Piece, 22" X 66", Men's Dormitory, Texas Technological College, 1958.

Industries of West Texas, Enamel on Copper Wall Pieces, 4 Panels, 24" X 66" each, First Federal Savings and Loan Association, Thirty-fourth Street Office, 1960. (with E.J. Beitler)

Growth, cast aluminum wall sculpture, Mr. and Mrs. Jim Steele, El Paso, 1968.

Art Work: Juror for Shows

Permian Basin Exhibit, Midland, Texas, 1965.

Midland Woman's Club Exhibit, 1961.

Scholastic Art Show, Houston, 1959, 1968.

Scholastic Art Show, Odessa, Texas, 1958.

San Angelo College Show, San Angelo, Texas, 1962.

Department of Art - Publications and Art Work

Mahlmann, John James

Art Work: Awards

Collage, Halls Gallery, Lubbock, Texas, First Award, 1967-68.

Llano Estacado Art Association Show, Hobbs, New Mexico, Graphics Award, 1967.

Art Work: Shows

Harvard University, Cambridge, Massachusetts, 1966-67.

Boston University, Boston, Massachusetts, 1965, 1966.

Religious Art Show, Cranbrook Academy of Art, Bloomfield Hills, Michigan, 1966.

Botolph Gallery, Boston, Massachusetts, 1965.

Slate Gallery, State College, Pennsylvania, 1965.

Pennsylvania State University, University Park, Pennsylvania, 1967.

Barncellar Gallery, Cape Cod, Massachusetts, 1965.

Institute of Contemporary Art, Boston, Massachusetts, 1966.

Circuit Show, Lubbock Art Association, Lubbock, Texas, 1967-68.

Exhibition, New Mexico Junior College, Hobbs, New Mexico, 1968.

Department of Art - Publications and Art Work

Marlow, Foster L.

Publications:

"Casting in Lead" and "Patchwork," filmstrips, Bailey Films, Hollywood, California.

"Casting," School Arts, 1965.

Art Work: Awards

Religious Art Show, Methodist Hospital, First Award, 1967.

San Angelo College Art Show, Oil Painting, Purchase Award.

Carlsbad Association Show, Oil Painting, Second Award.

Art Work: Shows

One Man Painting Show, Methodist Hospital, Lubbock, Texas, 1967.

One Man Painting Show, Hall's Gallery, Lubbock, Texas, 1966.

West Texas Watercolor Show, 1967.

Texas Watercolor Show, San Antonio, Texas, 1967.

Painting, Tech Art Faculty Show, Lubbock Art Gallery, Lubbock, Texas, 1966.

Stitchery and Collage, Tech Art Faculty Show, Lubbock Art Gallery, Lubbock, Texas, 1967.

One Man Show of Welded Metal Sculpture, Little Shoppe, Lubbock, Texas, 1966.

State Gallery, University Park, Pennsylvania, 1965.

Millbrook Gallery, Mill Hall, Pennsylvania, 1965-65.

Temple Israel Invitational, St. Louis, Missouri, 1965.

Sioux City Open, Sious City, Iowa, 1961, 1962.

Exhibit, New Mexico Junior College, Hobbs, New Mexico, 1968.

Stitchery Show, West Texas Museum, Lubbock, Texas, 1966, 1968.

Gallery Show, Midland Public Library, Midland, Texas, 1968.

Art Work: Commissions

Numerous Church Murals in Illinois, 1949-52.

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Art Work: Commissions con't.

500 square feet of murals, Cherokee Cave Museum of Natural History, St. Louis, Missouri, 1949.

Symbol, Buffalo Electric Company, Houston, Texas, 1965.

Theatre Symbol, Alexandria, Minnesota, 1965.

Art Work: Permanent Collections

Talisman Gallery, Bartlesville, Oklahoma.

Reynolds Gallery, Taos, New Mexico.

Little Shoppe, Lubbock, Texas.

Hall's Gallery, Lubbock, Texas

Department of Art -- Publications and Art Work

Parkinson, Roderick

Publications:

"The Challenge in Counseling for Art Education," Texas Trends in Art Education, November, 1956, pp. 18-19.

"Differential Perspectives and Organizational Success in an Art Association," Proceedings of the Southwestern Sociological Association, 13 (1964): 109-117 (with Walter J. Cartwright).

Art Work: Awards

Juxtaposition, watercolor, 18" X 24", 1958. Exhibited: South Plains Art Guild and Texas Fine Arts Association Circuit Shows. Cash award.

Non-Objective, oil, 24" X 30", 1959. Exhibited: South Plains Fair, second prize.

Art Work: Shows

Fifteen Portraits. Lubbock, Texas: James Pinson Interiors, 1956.

Twenty-eight Paintings and Sculptures. Lubbock, Texas: South Plains Art Guild, The Museum, 1958.

Several Paintings. Lubbock, Texas: "The Place Gallery," (Associated Artists), 1959.

Road to Samarra, relief sculpture, walnut, 1964. Exhibited: First Invitational Artists and Craftsmen Exhibition, Lubbock Art Association, 1964.

One Man Show, ten oil paintings, nine watercolors and three wood sculptures. Sixth Coronado Inn Exhibit of Southwestern Regional Art, 1965.

Worldly Desire, relief sculpture, walnut, 1965. Artists-Craftsmen Show, Municipal Garden and Arts Center, 1965.

Seven Last Words of Christ, oil, 1962. Exhibited: Methodist Hospital Exhibit of Religious Painting and Exhibition of Faculty Art at the West Texas Museum, 1965.

Dark Canyon, watercolor, 14" X 18". Exhibited: Exchange Show in Volkshochschule, Hannover, Germany, and other places.

Paintings and sculptures. Exhibited: President's Wing, Texas Technological College, Lubbock, Texas, 1967.

Paintings in acrylic. Exhibited: New Mexico Junior College, Hobbs, New Mexico, 1967.

Art Work: Shows con't.

Paintings and sculpture. Exhibited: American Art Exchange Show, Wichita Falls Museum, Wichita Falls, Texas, 1967.

Lubbock Art Association Annual Crafts and Small Painting Show, 1968.

Art Work: Commissions and Permanent Collections

Watercolor, Permanent collection, Texas Fine Arts Association.

Four watercolors, Howard Hancock, M.D.

Oil landscape, Dr. Albert Barnett.

Mural, Mr. and Mrs. Fred Kunde, Glen Ellen, California.

Wood relief sculpture, Ray C. Janeway, Lubbock, Texas.

Life size sculpture in wood, St. Francis, Ruidoso, New Mexico.

Department of Art - Publications and Art Work

Pollard, Juanita Tittle

Publications:

"Block Sculpture", Texas Trends, 1962.

"Art is a Language", Christian Woman, 1965.

Art Work: Shows

Solo Show, Texas Fine Arts Association, Austin, Texas, 1951.

Solo Show, Abilene Museum Fine Arts, Abilene, Texas, 1950, 1962.

Solo Show, Dunn Gallery, Knoxville, Tennessee, 1966.

Solo Show, Hardin Simmons University, Abilene, Texas, 1964.

Solo Show, Beaumont CMB, Beaumont, Texas, 1955.

Solo Show, Midland Art Guild, Midland, Texas, 1958.

Solo Show, South Plains Art Guild, Garden and Arts Center, Lubbock, Texas, 1961.

Solo Show, Wayland Baptist College, Plainview, Texas, 1964.

Solo Show, San Angelo Junior College, San Angelo, Texas, 1964.

Solo Show, Hall's Gallery, Lubbock, Texas, 1966.

Three Texas Women Painters' Show, Witte Museum, San Antonio, Texas, 1952.

Texas Watercolor Society Show, 1964.

Watercolor, U.S.A., 1965.

Faculty Art Shows, Texas Technological College, 1966-68.

Exhibition, New Mexico Junior College, Hobbs, New Mexico, 1968.

Art Work: Commissions

Paintings (six screens), Bill Crees, Abilene, Texas, 1966.

Ceramic Mural, Elder Building, Midland, Texas, 1960.

Ceramic Mural, Barber Building, Abilene, Texas, 1958.

Art Work: Commissions con't.

Mosaic, Nathan Morris Building, Abilene, Texas, 1958.

Paintings, Security National Bank, Lubbock, Texas, 1965.

Paintings, Griffon Wagnon Building, Lubbock, Texas, 1966.

Paintings, Dr. Johnson, Lubbock, Texas, 1960.

Ceramic Sculpture, Roy Beal, Austin, Texas, 1967.

Painting, Bank, Shallowater, Texas, 1961.

Paintings, (4), Marilyn Nini, Coleman, Texas, 1966.

Department of Art - Publications and Art Work

Queen, John William

Art Work: Awards

First Place in Sculpture, South Plains Fair, 1960, 1961, 1962, 1963, 1964.

First Place in Sculpture, New Mexico Painting and Sculpture Exhibit, Hobbs, New Mexico, 1966.

Grand Award, Texas Fine Art Association, Region 20 Painting and Sculpture Exhibit, 1961, 1966.

Third Place, Kansas Designer Craftsmen Show, 1962.

Art Work: Shows

Invitational Crafts Show, Garden and Arts Center, Lubbock, Texas, 1961-1965.

One Man Show, Cultural Center, Temple, Texas, 1965.

One Man Show, Cushing Gallery, Dallas, Texas, 1967.

Invitational Sculpture Exhibit, Lubbock Art Association, Lubbock, Texas, 1966.

Exhibit and demonstration, West Texas Museum, Lubbock, Texas.

Exhibit and demonstration, Lubbock Art Association Studio Tour, Lubbock, Texas.

Sculpture exhibit, Fine Arts Museum, Abilene, Texas.

Exhibited at the following cities - Lawrence, Kansas; Amarillo, Texas; Wichita Falls, Texas; Midland, Texas; Abilene, Texas; Odessa, Texas.

Permanent exhibit, Elms Gallery, Midland, Texas.

Art Work: Commissions

Bust of Alexander Hamilton, Aluminum, 1959, Alexander Hamilton High School, Tulsa, Oklahoma.

Growth, welded metal wall sculpture.Student Union Building, Texas Technological College Campus, 1961.

Cowboy, welded metal sculpture. Smiley Wilson Junior High School Building, Lubbock, Texas, 1961.

Two metal and cement sculptured fountains, Wall and Gates Dormitories, Texas Technological College Campus, 1963.

Two metal and cement patio sculptures, Dr. Max M. Stettner Clinic, Lubbock, Texas, 1965.

100 smaller commissions for individuals.

Metal and cement sculptured fountain, Rose Garden, Hodges Memorial Park, Lubbock, 1963

Department of Art - Publications and Art Work

Read, Donna R.

Art Work: Shows

Guest Exhibitor, 12 Designer Craftsmen Shop, Gatlinburg, Tennessee, 1965.

Southern Highland Handicraft Guild Fairs, Gatlinburg, Tennessee and Asheville, North Carolina, 1962-65.

Piedmont Craft Show, Mint Museum, Charlotte, North Carolina, 1964.

One Man Show, University of Alabama, 1964.

Enamel, Santa Fe International Folk Museum Craft Show, 1967.

Enamel, Annual Drawings, Prints and Crafts Show, Little Rock, Arkansas, 1967.

Stitchery Show, West Texas Museum, 1967-68.

Faculty Show, Texas Technological College Student Union, 1967.

Faculty Exhibit, President's Wing, Texas Technological Collge, 1968.

Regional Circuit Show, Lubbock Art Association, Lubbock, Texas, 1967-68.

Art Work: Commissions

Stitchery, Dr. A.M. Campbell, Knoxville, Tennessee, 1962.

Plastic Sculpture, Pi Beta Phi Settlement School, Gatlinburg, Tennessee, 1964.

Polyester Resin Door, Dr. and Mrs. Bill Lockhart, Lubbock, Texas, 1968.

Department of Art - Publications and Art Work

Stephen, Francis B.

Art Work: Awards

Twenty-one awards in jewelry and sculpture competitions at state level.

Two awards in jewelry at regional level.

Four awards in jewelry and sculpture at national level.

Sculpture, Texas Fine Arts Association, 1968, Citation Award.

"1968 International Diamonds Awards", placed on drawing in Best 150.

Sculpture - Jewelry, 1967 Annual Great Designs in Jewelry, New York, Swarovski Award.

Art Work: Shows

Four national invitational exhibitions for jewelry.

Five One Man Shows in sculpture and jewelry.

Six works in permanent collections of museums, jewelry and sculpture.

National Invitational Decorative Arts and Ceramics Exhibition, Wichita Art Association, Wichita, Kansas, 1968.

Annual Prints, Drawings and Crafts Exhibition, Arkansas Arts Center, Little Rock, Arkansas, 1967.

1967 Southwestern Craftsmen's Exhibition, Santa Fe, New Mexico, 1967.

Art Work: Commissions

Metal and wood, Central National Bank and Trust Co., Enid, Oklahoma, 1961.

Metal construction, Methodist Rest Home, Enid, Oklahoma, 1961.

Art Work: Juror for Shows

Oklahoma Designer Craftsmen, Oklahoma City, Oklahoma, 1966.

Oklahoma Art Festival, Oklahoma City, Oklahoma, 1967.

Department of Art - Publications and Art Work

Street, Betty A.

Art Work: Shows

Southern Highland Handicraft Guild Fairs, 1959-61.

Festival of Contemporary Arts, University of Illinois, 1961.

Faculty and Student Exhibit, Department of Home Economics, University of Illinois, 1963.

Faculty Show, Texas Technological College Student Union, 1967.

Art Work: Commissions

Handwoven textile, upholstery, Van Akens, Milwaukee, 1963.

Handwoven textiles, pillows, Davis, Champaign, Illinois, 1967.

DEPARTMENT OF ART

FACULTY BACHELOR DEGREES EARNED AT OUT OF STATE INSTITUTIONS

INSTITUTION	NUMBER OF DEGREES
IOWA STATE UNIVERSITY	2
EASTERN ILLINOIS STATE UNIVERSITY	1
BRIGHAM YOUNG UNIVERSITY	1
UNIVERSITY OF UTAH	1
UNIVERSITY OF SOUTHERN CALIFORNIA	1
UNIVERSITY OF OKLAHOMA	1
OKLAHOMA STATE UNIVERSITY	1
SOUTH CENTRAL OKLAHOMA COLLEGE	1
PENNSYLVANIA STATE UNIVERSITY	1
BOSTON UNIVERSITY	1
UNIVERSITY OF TENNESSEE	1
TOTAL	12

FACULTY BACHELOR DEGREES EARNED AT TEXAS INSTITUTIONS

INSTITUTION	NUMBER OF DEGREES
TEXAS TECHNOLOGICAL COLLEGE	6
BAYLOR UNIVERSITY	1
AUSTIN COLLEGE	2
TEXAS WOMANS UNIVERSITY	2
UNIVERSITY OF HOUSTON	1
ABILENE CHRISTIAN COLLEGE	1
UNIVERSITY OF TEXAS AT AUSTIN	1
WEST TEXAS STATE UNIVERSITY	2
TOTAL	16

ONE FACULTY MEMBER EARNED THE EQUIVALENT TO A BACHELORS DEGREE FROM THE UNIVERSITY OF VIENNA.

DEPARTMENT OF ART

FACULTY MASTERS DEGREES EARNED AT OUT OF STATE INSTITUTIONS

INSTITUTION	NUMBER OF DEGREES
PENNSYLVANIA STATE UNIVERSITY	2
MARQUETTE UNIVERSITY	1
EASTERN ILLINOIS STATE UNIVERSITY	1
BRIGHAM YOUNG UNIVERSITY	1
UNIVERSITY OF UTAH	1
UNIVERSITY OF SOUTHERN CALIFORNIA	1
UNIVERSITY OF MICHIGAN	1
UNIVERSITY OF IOWA	1
UNIVERSITY OF KANSAS	1
UNIVERSITY OF OKLAHOMA	1
OKLAHOMA STATE UNIVERSITY	1
BOSTON UNIVERSITY	1
UNIVERSITY OF TENNESSEE	2
TOTAL	15

FACULTY MASTERS DEGREES EARNED AT TEXAS INSTITUTIONS

INSTITUTION	NUMBER OF DEGREES
TEXAS TECHNOLOGICAL COLLEGE	2*
TEXAS WOMANS UNIVERSITY	4
BAYLOR UNIVERSITY	1
TEXAS CHRISTIAN UNIVERSITY	1
UNIVERSITY OF TEXAS AT AUSTIN	1
WEST TEXAS STATE UNIVERSITY	1
TOTAL	10

*ONE OF THESE COMPLETED THE DEGREE IN THE SUMMER OF 1968 AND HAS RESIGNED. ANOTHER INSTRUCTOR HAS BEGUN WORK ON A MASTERS DEGREE AT TEXAS TECHNOLOGICAL COLLEGE.

DEPARTMENT OF ART

INSTITUTIONS GRANTING DOCTORAL DEGREES TO FACULTY MEMBERS

INSTITUTION	NUMBER OF DEGREES
PENNSYLVANIA STATE UNIVERSITY	3
UNIVERSITY OF MINNESOTA	2
TOTAL	5

TWO ADDITIONAL FACULTY MEMBERS HAVE COMPLETED COURSE WORK AND ARE WORKING ON THEIR DISSERTATIONS WITH GRADUATION PLANNED FOR THE SUMMER OF 1969. ONE OTHER FACULTY MEMBER HAS STARTED WORK TOWARD A DOCTORAL DEGREE.

Department of Art - 1967-1968 Full-time Faculty

Rank: Professor Name: Ethel Jane Beitler

Date of birth: August 18, 1906

Degrees awarded by institution and date:

B. S.	(Applied Arts)	Iowa State University	1929
M.Ed.	(Secondary Education)	Marquette University	1943

Professional positions held:

Instructor
Milwaukee Vocational and Adult School
Milwaukee, Wisconsin
1929 - 1946

Instructor
Kansas State Teachers College
Hayes, Kansas
Summer 1930

Secretary-Treasurer
Design Today, Inc.
Lubbock, Texas
Summers 1950 - 1959

Professor
Department of Art
Texas Technological College
1947 - present

Membership in professional societies:

American Institute of Interior Designers, Texas Home Economics Association, American Home Economics Association, Texas Fine Arts Association, Phi Upsilon Omicron, Omicron Nu, Lubbock Art Association, Association of Interior Designers, American Craftsman's Council, Texas Association of College Teachers.

Current Production:

Stitchery and Hooking

Department of Art - 1967-1968 Full-time Faculty

Rank: Associate Professor Name: Donald Jack Davis

Date of birth: May 17, 1938

Degrees awarded by institution and date:

B. A.	(Art and Education)	Baylor University	1959
M. A.	(Education)	Baylor University	1961
Ph.D.	(Art Education)	University of Minnesota	1966

Professional Experience:

Junior High Art Instructor
Waco, Texas, Public Schools
1959-1961

Instructor
Art Department
Baylor University
Summers: 1960 & 1961

Instructor
Art Department
Wayland Baptist College
1961-1963

Research Assistant
Bureau of Educational Research
University of Minnesota
1963-1964

Instructor
Art Education Department
University of Minnesota
1964-1965

Associate Professor
Department of Art
Texas Technological College
1965-present

Visiting Professor of Art
Illinois State University
Normal, Illinois
Summer 1967

Professional Organizations:

Kappa Delta Pi, Texas Art Education Association, Western Arts Association, National Art Education Association, National Society for the Study of Education, Creative Education Foundation, American Association of University Professors, American Educational Research Association, Texas Art Educators Association, Texas State Teachers Association.

Davis - page 2

Research:

Research Trends in Art and Art Education, 1960-1961; Reported 1961 - masters thesis.
Art Educators' Concepts of the Ideal Pupil, 1964; Reported 1964 - Studies in Art Education.
A Comparison of Two Methods of Teaching Art Upon Creativity, Art Attitudes and Aesthetic Quality of Art Products, 1965-1966; Reported - Doctoral dissertation.
Effects of Creative Performance Regarding Success Factors in College, 1965; Reported - Departmental research project.
The Effects of Two Methods of Instruction and Two Motivations Upon Expressive Strategies of Elementary Education Majors, 1967-1968; Reported - Departmental research project.

Current Production:

Textile Design

Department of Art - 1967-68 Full-time Faculty

Rank: Assistant Professor Name: Eula May White Dyer

Date of birth: January 1, 1927

Degrees awarded by institution and date:

B. A.	(English, major - Art, minor)	East Central State College	1948
M. A.	(Painting)	Texas Women's University	1963

D.Ed. in progress at Pennsylvania State University

Professional Experience:

Teacher
Fort Worth Public Schools
Fort Worth, Texas
1955 - 1966

Teacher
Fort Worth Children's Museum
Fort Worth, Texas
1963 - 1966

Assistant Professor of Art
San Fernando Valley State College
Northridge, California
Summer 1967

Assistant Professor
Department of Art
Texas Technological College
1966 - present

Professional Organizations:

National Art Education Association, Western Art Education Association, Texas State Art Education Association, Fort Worth Art Education Association.

Research:

Professional paper for M. A. on printmaking.

Current Production:

Painting and Stitchery

Department of Art - 1967-1968 Full-time Faculty

Rank: Instructor Name: Lonnie Joe Edwards

Date of birth:

Degrees awarded by institution and date:

B. A.	Texas Technological College	1964
M.F.A. in progress	Texas Technological College	

Professional Experience:

Instructor
Department of Art
Texas Technological College
1966 - present

Current Production:

Ceramics and Sculpture

Department of Art - 1967-1968 Full-time Faculty

Rank: Instructor Name: Lonnie Joe Edwards

Date of birth:

Degrees awarded by institution and date:

B. A.	Texas Technological College	1964
M.F.A. in progress	Texas Technological College	

Professional Experience:

Instructor
Department of Art
Texas Technological College
1966 - present

Current Production:

Ceramics and Sculpture

Department of Art - 1967-1968 Full-time Faculty

Rank: Instructor Name: Dick Evans

Date of birth: July 10, 1941

Degrees awarded by institution and date:

B.F.A. (Painting & Drawing) University of Utah	1964
M.F.A. (Ceramics & Sculpture) University of Utah	1966

Professional Experience:

Teaching Fellow
University of Utah
1964 - 1966

Instructor
Department of Art
Texas Technological College
1966 - 1968

Professional Organizations:

Texas Designer Craftsmen, American Craftsmen's Council.

Current Production:

Ceramics

Department of Art - 1967-1968 Full-time Faculty

Rank: Assistant Professor Name: Hugh James Gibbons

Date of birth: September 26, 1937

Degrees awarded by institution and date:

B. A.	Pennsylvania State University	1959
M. A.	Pennsylvania State University	1961

Professional Experience:

Graduate Teaching Assistant
Pennsylvania State University
1959 - 1961

Assistant Professor
Department of Art
Texas Technological College
1963 - present

Professional Organizations:

College Art Association

Current Production:

Painting

Department of Art - 1967-1968 Full-time Faculty

Rank: Assistant Professor Name: H.V. Greer

Date of birth: August 5, 1917

Degrees awarded by institution and date:

B. of Ad. (Art)	Texas Technological College	1955

Professional Experience:

Free lance artist
two years

Staff artist
Buckner Advertising Agency
Lubbock, Texas
six years

Art Director
Buckner Advertising Agency
Lubbock, Texas
three years

Assistant Professor
Texas Technological College
Department of Art
(1962 - 1966; instructor)
1966 - present

Professional Organizations:

Lubbock Art Association

Current Production:

Painting

Department of Art - 1967-1968 Full-time Faculty

Rank: Assistant Professor Name: Paul D. Hanna

Date of birth:

Degrees awarded by institution and date:

B. A.	Austin College	1951
M.F.A. (Painting)	Texas Christian University	1965

3 years study at Chouinard Art Institute

Professional Experience:

Teaching Assistant
Texas Christian University

Art Director
E.D. Kramer Co.
Los Angeles, California

Illustrator and designer
Webster-Harris-Welborn Advertising Agency
Lubbock, Texas

Assistant Professor
Department of Art
Texas Technological College
- present

Current Production:

Painting

Department of Art - 1967-1968 Full-time Faculty

Rank: Instructor Name: Jaclyn Flynn Harland

Date of birth: March 25, 1939

Degrees awarded by institution and date:

B. S. (Art Education) Texas Technological College 1961

Professional Experience:

3rd Grade Teacher
Wright Elementary School
Lubbock, Texas
1961 - 1963

Instructor
Department of Art
Texas Technological College
1963 - present

Professional Organizations:

Texas Art Education Association, Lubbock Art Association.

Current Production:

Hooking and Stitchery

Department of Art - 1967-68 Full-time Faculty

Rank: Associate Professor Name: Ray W. Hellberg

Date of birth: January 10, 1929

Degrees awarded by institution and date:

B. A.	(Art)	Brigham Young University	1955
M. A.	(Design)	Brigham Young University	1962
D.Ed.	(Education)	Pennsylvania State University	in progress

Professional Experience:

Teacher
Brigham Young University Laboratory School
Provo, Utah
1956 - 1962

Artist
West Texas Advertising Agency
Lubbock, Texas
Summer, 1962

Instructor
Applied Arts Department
Texas Technological College
1962 - 1965

Graduate Assistant
Pennsylvania State University
1965 - 1967

Associate Professor
Department of Art
Texas Technological College
1967 - present

Professional Organizations:

Utah Art Educators Association, Utah Academy of Arts, Sciences and Letters, Texas Art Educators Association, Lubbock Art Guild, West Texas Watercolor Society, Texas Fine Arts Association.

Research:

Masters Thesis, Wall-baord, A Ground for Mosaic Murals, Brigham Young University.
Design and Rendering For The Hair Sylist, Charles Powel, Lubbock, Texas, 1966.
"Four Faces of Repentance", The Instructor, Wheelwright Lithographing Co., Salt Lake, January, 1965.
Doctors Thesis in progress, The Tangram Test, A Study In Perception and Problem-solving, and Their Relationship to Some Art Concepts and Transfer, The Pennsylvania State University, 1967.

Current Production:

Painting

Department of Art - 1967-1968 Full-time Faculty

Rank: Assistant Professor Name: Richard Wayne Henton

Date of birth: September 26, 1938

Degrees awarded by institution and date:

B.S.	Housing & Interior Design	Oklahoma State University	1960
M.S.	Housing & Interior Design	Oklahoma State University	1961
Ph.D.	Related Art (Interior Design)	University of Minnesota	1968

Professional Experience:

Instructor
University of Nebraska
Lincoln, Nebraska
1961 - 1962

Instructor
Southern Illinois University
Carbondale, Illinois
1962 - 1963

Assistant Professor
East Carolina College
Greenville, North Carolina
1964 - 1966

Teaching Assistant
University of Minnesota
St. Paul, Minnesota
1966 - 1967

Assistant Professor
Department of Art
Texas Technological College
1967 - 1968

Professional Organizations:

Interior Designers Educators Council, Society for Architectural Historians, National Society of Interior Designers, American Institute of Interior Designers, Southeast Chapter of National Society of Interior Designers, Texas Chapter of National Society of Interior Designers, Texas Chapter of American Institute of Interior Designers.

Research:

Evaluations made by Three Gainfully Employed Groups of People Regarding Courses in a Housing and Interior Design Curriculum, 1961

Henton - page 2

Research con't.

An Experimental Study Comparing Modular units with Conventional furnishings for Teaching Furniture Arrangement, 1968.

Department of Art - 1967-1968 Full-time Faculty

Rank: Associate Professor Name: Edna Houghton

Date of birth:

Degrees awarded by institution and date:

B. S.	(Architectural Eng.)	Texas Technological College
B. A.	(Fine Arts)	University of Southern California
M. A.	(History)	University of Southern California

Professional Experience:

Associate Professor
Department of Art
Texas Technological College
- present

Professional Organizations:

Lubbock Art Association, West Texas Watercolor Society.

Current Production:

Painting

Department of Art - 1967-1968 Full-time Faculty

Rank: Assistant Professor Name: Peggy Basom Howard

Date of birth: February 17, 1918

Degrees awarded by institution and date:

B. S.	(Art)	Texas Women's University	1938
M. A.	(Art Education)	Texas Women's University	1963

Professional Experience:

Art Teacher
Fannin Elementary School
Dallas, Texas
1956 - 1957

Art Teacher
Zumwalt Junior High School
Dallas, Texas
1957 - 1963

Art Teacher
Marsh Junior High School
Dallas, Texas
1963 - 1964

Art Teacher
W.H. Adams High School
Dallas, Texas
1964 - 1966

Teacher
Y.W.C.A.
Dallas, Texas
1960-1966

Assistant Professor
Department of Art
Texas Technological College
1966 - present

Professional Organizations:

National Art Education Association, American Craftsman Council, Western Arts Association, National Art Education, Texas Art Education Association, Dallas Art Education Association, Texas State Teachers Association

Current Production:

Hooking

Department of Art - 1967-1968 Full-time Faculty

Rank: Associate Professor Name: James Dean Howze

Date of birth: April 8, 1930

Degrees awarded by institution and date:

B. A.	(Art)	Austin College	1951
M. S.	(Drawing & Painting)	University of Michigan	1958

Professional Experience:

Illustrator
Graphics Section
T.A. & G.M.S.
Ft. Sill, Okla. 1956

Graphic Designer
Independent
1955 - 1957

Teaching Fellowship
School of Architecture & Design
University of Michigan
1957

Associate Professor
Department of Art
Texas Technological College
(1958 - 1961; instructor
1961 - 1964; assistant professor)
1964 - present

Professional Organizations:

Who's Who in American Art, National Academic Relations Committee, Advertising Federation of America, College Art Association, Alpha Delta Sigma, Who's Who in the South and Southwest, Dallas-Ft. Worth Art Directors Club.

Current Production:

Painting and Drawing

Department of Art - 1967-1968 Full-time Faculty

Rank: Professor Name: Clarence E. Kincaid

Date of birth: July 22, 1927

Degrees awarded by institution and date:

B. S.	(Art)	West Texas State University	1949
M.Ed.	(Education)	West Texas State University	1958
D.Ed.	(Art Education)	Pennsylvania State University	1960

Professional positions held:

Art Teacher
Amarillo Public Schools
1959 - 1954

Instructor of Art (part time)
Amarillo Junior College
1956 - 1957

Instructor of Art
West Texas State University
1957 - 1958

Graduate Assistant
Art Education
Pennsylvania State University
1958 - 1959

Assistant Professor of Art
Eastern Illinois University
1959 - 1960

Professor
Department of Art
Texas Technological College
1960 - present

Instructor
St. Cloud State College
St. Cloud, Minnesota
Summer 1963

Director, Summer Art Field School
Taos, New Mexico

Membership in professional societies:

National Art Education Association, Western Arts Association, Texas Art Educators Association, Texas Fine Arts Association, Lubbock Art Association, Texas Watercolor Society.

Kincaid - page 2

Research: (Principal research interest: General Creativity)

Current research project: Examination of Creative Attributes of Elementary Children, Grades 4, 5 and 6

Examination of Creative Attributes of Primary Children, Grades 1, 2 and 3

Current Production:

Watercolor

Department of Art - 1967-1968 Full-time Faculty

Rank: Instructor Name: Lynwood Alois Kreneck

Date of birth: June 11, 1936

Degrees awarded by institution and date:

B.F.A.	University of Texas	1958
M.F.A. (Printmaking)	University of Texas	1965

Professional Experience:

Teaching Assistant
University of Texas
1964 - 1965

Instructor
Department of Art
Texas Technological College
1965 - 1968

Professional Organizations:

Texas Watercolor Society

Current Production:

Printmaking

Department of Art - 1967-1968 Full-time Faculty

Rank: Associate Professor Name: Franz F. Kriwanek

Date of birth: May 1, 1920

Degrees awarded by institution and date:

B. A. status acknowledged by	State University of Iowa	1958
M. A.	State University of Iowa	1961

Professional positions held:

Instructor of Drawing
Sweden Whitecollar Workers Association
1949 - 1952

Free Lance Art
Vasterois, Sweden
1948 - 1950

Private School of Art
Shenandoah, Iowa
1953 - 1956

Art Supervisor
Shenandoah Public Schools
Shenandoah, Iowa
1956 - 1958

Instructor
Ottumwa Public Schools
Ottumwa, Iowa
1958 - 1961

Assistant Professor and Head of Art Department
Iowa Wesleyan College
Mount Pleasant, Iowa
1961 - 1963

Visiting Professor
University of Houston
Summer 1963

Associate Professor
Department of Art
Texas Technological College
1963 - 1968

Membership in professional societies:

National Art Education Association, Texas Art Educators Association, Iowa Designers-Craftsmen, Art Educators of Iowa, Iowa Art Educators, Artist Equity, T.A.C.T.

Research:

Folkskunst Und Kinderkunst, (Folkart and Children) - A study of ethnocentric influences on childrens art, Vienna School of Fine Arts, 1940, unpublished.

Bamboo Painting of the Yan Dynasty, a stylistic study of early Chinese bamboo paintings, (Research assistant to Dr. Tsu-tsin Li, State University of Iowa) 1958, published by Press Asiae, Switzerland.

Some Approaches to Obdurate Materials In Secondary Schools, Masters Thesis, State University of Iowa, 1961

A New Approach to Empirical Formulas in Glazes, a translation of empirical molecular glaze equivalents into parts by weight equivalents. In process of being published.

Uses of West Texas Clays and Cotton Ashes in Small Scale Production and Educational Ceramics. Research grant $1,300 received from the State of Texas for the 1966-67 academic school year. Published Fall 1967.

Current Production:

Ceramics

Department of Art - 1967-1968 Full-time Faculty

Rank: Instructor Name: Mary Alice Terry Larson

Date of birth:

Degrees awarded by institution and date:

B. S.	Texas Technological College	1964
M. S. (Education)	Texas Technological College	1968

Professional Experience:

Teacher
Big Springs Public School System
1964 - 1966

Teacher
Lubbock Public School System
1965 - 1966

Instructor
Department of Art
Texas Technological College
1966 - 1968

Professional Organizations:

American Home Economics Association, Texas Home Economics Association.

Current Production:

Stitchery and Silk Screen

Department of Art - 1967-1968 Full-time Faculty

Rank: Associate Professor Name: Troy Allen Lockard

Degrees awarded by institution and date:

B. S.	(Costume and Interior Design)	Texas Womans University	1932
M. A.	(Interior Design)	Texas Womans University	1940

Professional positions held:

Instructor
Texas Womans University
Summer 1933

Staff Member
Advertising Department
Burdines
Miami, Florida
1933 - 1935

Staff Member
Advertising Department
Neiman-Marcus
Dallas, Texas
1935

Teaching Fellowship
Texas Womans University
1935 - 1936

Associate Professor
Department of Art
Texas Technological College
1937 - 1943; 1947 - present

Membership in professional societies:

American Institute of Interior Design, American Home Economics Association, Interior Designers Educators Council, Texas Home Economics Association, Texas Association of College Teachers, Lubbock Art Association

Department of Art - 1967-1968 Full-time Faculty

Rank: Professor Name: Bill C. Lockhart

Date of birth: January 25, 1926

Degrees awarded by institution and date:

B. S.	(Art)	West Texas State University	1950
M.Ed.	(Art Education)	The Pennsylvania State University	1952
D.Ed.	(Art Education)	The Pennsylvania State University	1955

Professional Experience:

Art Teacher (Grades 4, 5 and 6)
Amarillo Public Schools
1950-1951

Graduate Assistant in Art Education
Pennsylvania State University
1951 - 1952

Graduate Assistant in Administration
Pennsylvania State University
1952 - 1953

Instructor - Crafts
The Pennsylvania Workshop
Pennsylvania State University
Summer, 1952; Summer, 1953

Instructor, Extension Division
Pennsylvania State University
Spring, 1953

Art Supervisor (Grades K - 12)
Athens Borough and Joint Schools
Athens, Pennsylvania
1953 - 1955

Professor and Head
Department of Art
Texas Technological College
1955 - Present

Professional Organizations:

Texas Art Educators Association, Western Arts Association (President-Elect), National Art Education Association, National Committee on Art Education, International Society for Education Through Art, Art in Home Economics, Texas Fine Arts Association, Lubbock Art Association, Texas Association of College Teachers, Phi Delta Kappa, Phi Kappa Phi, Creativity Foundation, West Texas Museum Association.

Lockhart - page 2

Research: (Main areas of interest: community understanding of art programs, teacher education and supervision of art teachers, general creativity, and metal sculpture.)

A Case Study of Experimental Art Programs in Two One-Room Pennsylvania Schools, 1951-1953.

Parental Understanding of School Art Programs and Its Relationship to Certain School Supervisory Practices in Art Education, 1952-1954.

Competencies, Skills and Knowledge Needed by Art Teachers, Texas Trends in Art, Journal of the Texas Art Educators Association, Spring, 1963.

Evaluation of Preparation for the Profession of Teaching Art, Texas Trends in Art, Journal of the Texas Art Educators Association, Spring, 1963.

A Survey of Lay Public Understanding of the School Art Program, Paper presented to Spring meeting of Texas Art Educators Association, March, 1964.

Examination of Creative Attributes of College Freshmen (in progress).

Current Production:

Sculpture

Department of Art - 1967-1968 Full-time Faculty

Rank: Assistant Professor Name: John James Mahlmann

Date of birth: January 21, 1942

Degrees awarded by institution and date:

B.F.A. (Art Education)	Boston University	1962
M.F.A. (Art Education)	Boston University	1963
Ed.D. in progress at Pennsylvania State University		

Professional Experience:

Graduate Assistant
Boston University
1962 - 1963

Graduate Assistant
Pennsylvania State University
1963 - 1964

Instructor
Boston University
1964 - 1966

Instructor
Penn State University
1966 - 1967

Assistant Professor
Department of Art
Texas Technological College
1967 - present

Professional Organizations:

National Art Education Association, Phi Delta Kappa, American Craftsmen's Council, Eastern Arts, Texas Fine Arts Association, Texas Art Education Association, Pennsylvania State University Graduate Club, Lubbock Art Association.

Research:

Research currently underway for Ed.D. degree at Penn State involves an experiment to determine the effect of various visual stimuli on the art products of college students.

Current Production:

Collage

Department of Art - 1967-1968 Full-time Faculty

Rank: Professor Name: Foster Leroy Marlow

Date of birth: November 10, 1925

Degrees awarded by institution and date:

B. S.	(Art)	Eastern Illinois University	1949
M. S.	(Art Education)	Eastern Illinois University	1960
D.Ed.	(Art Education)	Pennsylvania State University	1965

Professional positions held:

Art Teacher (Grades 1 - 12)
Lawrenceville, Illinois, Public Schools
1949 - 1950

Art Teacher (Grades 1 - 8)
Robinson, Illinois, Public Schools
1950 - 1951

Art Teacher (Grades 1 - 6)
Vandalia, Illinois, Public Schools
1956 - 1957

Interior Decorator and Store Manager
Dallas, Texas
1959

Instructor
Art and Art Education
St. Cloud State College
St. Cloud, Minnesota
1960 - 1963

Graduate Assistant
Art Education and Research
Pennsylvania State University
1963 - 1965

Professor
Department of Art
Texas Technological College
1965 - 1968

Professional Organizations:

National Education Association, National Art Education Association, Eastern Arts Association, Minnesota Art Education Association, Illinois Art Education Association, Illinois Education Association, Penn State Graduate Club in Art Education (President)

Current Production:

Textile design and Painting

Department of Art - 1967-1968 Full-time Faculty

Rank: Associate Professor Name: Roderick Parkinson

Date of birth:

Degrees awarded by institution and date:

Pratt Institute School of Fine and Applied Arts		1940
B. S. (Education)	Texas Technological College	1948
M.Ed.	Texas Technological College	1950

Professional Experience:

Associate Professor
Department of Art
Texas Technological College
- present

Professsional Organizations:

National Art Education Association, Texas State Art Teachers Association, South Plains Art Guild, Lubbock Art Association, West Texas Watercolor Association, Texas Fine Arts Association, Gargoyle Society, Aplha Delta Sigma Fraternity, Satchems.

Current Production:

Painting

Department of Art - 1967-1968 Full-time Faculty

Rank: Assistant Professor Name: Juanita Pollard

Date of birth: September 14, 1909

Degrees awarded by institution and date:

B. A.	(English Education)	Abilene Christian College	1931
M. A.	(Painting)	Texas Women's University	1952

Professional Experience:

Classroom Teacher
Abilene Public Schools
Abilene, Texas
1932 - 38

Head of Art Department
Abilene Christian College
Abilene, Texas
1938 - 1958

Illustrator
North American Aviation Co.
Grand Prairie, Texas
1943 - 1944

Head of Art Department
Lubbock Christian College
Lubbock, Texas
1959 - 1966

Assistant Professor
Department of Art
Texas Technological College
1966 - present

Professional Organizations:

Inactive member of AAUW and ALTRUSA International, Texas Fine Arts Society, Associated Art Instructors of Texas, Texas Water Color Society, West Texas Museum, West Texas Water Color Society, Lubbock Art Association.

Research:

Acrylics (Plastic Water Colors) 1967.

Current Production:

Painting

Department of Art - 1967-1968 Full-time Faculty

Rank: Associate Professor Name: John W. Queen

Date of birth: September 28, 1929

Degrees awarded by institution and date:

B. S. (Art Education)	University of Houston	1956
M.F.A. (Sculpture)	University of Kansas	1962

Professional positions held:

Instructor
Spartan School of Aeronautics
Tulsa, Oklahoma
1957

Teacher - Art
Alexander Hamilton Junior High School
Tulsa, Oklahoma
1957 - 1959

Associate Professor
Department of Art
Texas Technological College
1960 - present

Membership in professional societies:

Texas Fine Arts Association, Lubbock Art Association, Texas Home Economics Association, American Home Economics Association, National Casting Conference.

Research:

Metal sculpture, continually involved in research dealing with the handling of the study of the durability of welded metal and cast concrete for out of door sculpture. (self financed)

Current Production:

Sculpture

Department of Art - 1967-1968 Full-time Faculty

Rank: Assistant Professor Name: Donna Rae Read

Date of birth: March 11, 1938

Degrees awarded by institution and date:

B. S.	(Applied Arts)	Iowa State University	1960
M. S.	(Related Art and Crafts)	University of Tennessee	1962

Professional Experience:

General Clerk (mosaics)
Denver Ceramics
Costa Mesa, California
1960 - 1961

Graduate Assistant
University of Tennessee
1961 - 1962

Instructor
University of Tennessee
Craft Workshop
Summers 1964 and 1965

Instructor
Judson College
Marion, Alabama
1962 - 1965

Assistant Professor
Judson College
Marion, Alabama
1965 - 1966

Assistant Professor
Department of Art
Texas Technological College
1966 - 1968

Professional Organizations:

Art in Home Economics, A.C.C., A.H.E.A., A.A.U.P., T.A.C.T., Alabama Home Economics Association, A.A.U.W.

Current Production:

Enameling and Textile Design

Department of Art - 1967-1968 Full-time Faculty

Rank: Associate Professor Name: Francis B. Stephen

Date of birth: March 7, 1916

Degrees awarded by institution and date:

B.F.A. (Sculpture)	Oklahoma University	1951
M.F.A. (Sculpture)	Oklahoma University	1952

Professional Experience:

Illustrator
National Research Bureau
Burlinton, Iowa
1948 - 1949

Illustrator
Stars & Stripes Army News Service
Tunis, Tunisia
1943 - 1944

High School Art Teacher
Pharr San Juan Alamo Independent School District
Pharr, Texas
1952 - 1957

Associate Professor
Phillips University
Enid, Oklahoma
1957 - 1964

Assistant Professor
North Texas State University
Denton, Texas
1964 - 1967

Associate Professor
Department of Art
Texas Technological College
1967 - present

Professional Organizations:

American Craftsmen's Council, Texas Designer-Craftsmen, Oklahoma State Representative
American Craftsmen's Council, Lubbock Art Association.

Current Production:

Jewelry and Kinetic Sculpture

Department of Art - 1967-1968 Full-time Faculty

Rank: Assistant Professor Name: Betty A. Street

Date of birth: February 11, 1936

Degrees awarded by institution and date:

B. S. (Related Art & Crafts)	University of Tennessee	1958
M. S. (Crafts)	University of Tennessee	1959

Professional Experience:

Assistant Director
Pi Beta Phi
University of Tennessee Craft Workshop
Gatlinburg, Tennessee
Summers: 1962 - 1967

Assistant
Pi Beta Phi
University of Tennessee Craft Workshop
Gatlinburg, Tennessee
Summers: 1957 - 1961

Instructor
University of Illinois
1959 - 1963

Assistant Professor
University of Illinois
1963 - 1967

Teacher
Pi Beta Phi
University of Tennessee Craft Workshop
Gatlinburg, Tennessee
Summer 1968

Assistant Professor
Department of Art
Texas Technological College
1967 - present
(Summer - 2nd session - 1968)

Professional Organizations:

American Craftsmen's Council, Illinois Craftsman's Council, TACT.

Current Production:

Textile Design

USE OF SPACE AVAILABLE TO THE DEPARTMENT OF ART - FALL 1967

Room	Number of Students Room Designed to Accommodate per Class	Scheduled Classes	Number of Hours Class Meets Per Week
H 2	17-25	Ap.A. 437-1A	5
		Ap.A. 436-1A	5
		Ap.A. 132-1A	5
		Ap.A. 132-2B	5
		Ap.A. 132-6F	5
		Ap.A. 132-4D	5
		Ap.A. 134-4D	5
		Ap.A. 234-4D	5
		8 classes	40 hours
H 104	25 - Lab	Ap.A. 131-1A	5
		Ap.A. 131-2B	5
	35 - Lecture	Ap.A. 131-6F	5
		Ap.A. 131-7G	5
		Ap.A. 131-8H	5
		Ap.A. 131-9J	5
		Ap.A. 131-10K	5
		Ap.A. 328-1	2
		Ap.A. 328-2	2
		Ap.A. 328-3	2
		10 classes	41 hours
H 166	20	Ap.A. 331-1A	5
		Ap.A. 331-2B	5
		Ap.A. 331-3C	5
		Ap.A. 331-4D	5
		Ap.A. 331-5E	5
		Ap.A. 331-6F	5
		Ap.A. 331-7G	5
		Ap.A. 236-2B	5
		Ap.A. 334-1A	3
		Ap.A. 4314-1A	5
		10 classes	48 hours
H 272	25	Ap.A. 131-11	5
		Ap.A. 337-1A	5
		Ap.A. 337-3C	5
		Ap.A. 337-5E	5
		Ap.A. 337-6F	5
		Ap.A. 337-8H	5
		Ap.A. 337-10K	5
		7 classes	35 hours

Use of Space - Department of Art - Fall 1967 - Page Two

Room	Number of Students Room Designed to Accommodate Per Class	Scheduled Classes	Number of Hours Class Meets Per Week
H 273	20	Ap.A. 131-21	5
		Ap.A. 337-2B	5
		Ap.A. 337-4D	5
		Ap.A. 337-7G	5
		Ap.A. 337-9J	5
		Ap.A. 337-11L	5
		Ap.A. 337-12M	5
		Ap.A. 338-5E	5
		8 classes	40 hours
H 275	20	Ap.A. 131-3C	5
		Ap.A. 131-4D	5
		Ap.A. 131-5E	5
		Ap.A. 2311-1A	5
		Ap.A. 338-1A	5
		Ap.A. 338-2B	5
		Ap.A. 338-3C	5
		Ap.A. 338-4D	5
		8 classes	40 hours
H 276	17	Ap.A. 132-3C	5
		Ap.A. 132-5E	5
		Ap.A. 132-7G	5
		Ap.A. 132-8H	5
		Ap.A. 238-1A	5
		Ap.A. 238-2B	5
		Ap.A. 238-3C	5
		7 classes	35 hours
X 98		Ap.A. 432-2B	5
		1 class	5 hours
X 50A		Ap.A. 2313-1A	5
		Ap.A. 2313-2B	5
		Ap.A. 2313-3C	5
		3 classes	15 hours
X 50B		Ap.A. 131-11	5
		Ap.A. 131-12	5
		Ap.A. 131-13	5
		Ap.A. 131-14	5
		Ap.A. 131-15	5
		Ap.A. 131-16	5
		Ap.A. 131-17	5
		Ap.A. 131-18	5
		Ap.A. 131-20	5
		9 classes	45 hours

Room	Number of Students Room Designed to Accommodate Per Class	Scheduled Classes	Number of Hours Class Meets Per Week
H 106 (shared with Home Economics Classes)	20	Ap.A. 112-1	1
		Ap.A. 112-2	1
		Ap.A. 112-3	1
		3 classes	3 hours
X 79A	20	Ap.A. 234-5E.	5
		Ap.A. 131-22	5
		Ap.A. 134-5E	5
		Ap.A. 2312-1A	5
		Ap.A. 3312-1A	5
		Ap.A. 3312-2B	5
		Ap.A. 3312-4D	5
		7 classes	35 hours
X 79B	20	Ap.A. 134-1A	5
		Ap.A. 134-2B	5
		Ap.A. 134-3C	5
		Ap.A. 234-1A	5
		Ap.A. 234-2B	5
		Ap.A. 234-3C	5
		Ap.A. 3313-1A	5
		Ap.A. 3313-2B	5
		8 classes	40 hours
AC 101 (shared with Architecture classes)	100	Al.A. 131-01	3
		Al.A. 131-02	3
		Al.A. 210-01	1
		Al.A. 233-01	1
		Al.A. 238-01	1
		Al.A. 4318-01	3
		6 classes	12 hours
AC 107	20	Al.A. 233-A	6
		Al.A. 328-A	6
		Al.A. 328-B	6
		Al.A. 342-A	9
		Al.A. 433-A	9
		5 classes	36 hours
AC 109	20	Al.A. 233-B	6
		Al.A. 342-B	9
		2 classes	15 hours

USE OF SPACE - DEPARTMENT OF ART - FALL 1967 - PAGE FOUR

ROOM	NUMBER OF STUDENTS ROOM DESIGNED TO ACCOMMODATE PER CLASS	SCHEDULED CLASSES	NUMBER OF HOURS CLASS MEETS PER WEEK
AC 111 (SHARED WITH ARCHITECTURE CLASSES)	20	AL.A. 233-C	6
		1 CLASS	6 HOURS
AC 1	20	AL.A. 238-A	6
		AL.A. 238-B	6
		AL.A. 238-C	6
		AL.A. 238-D	6
		AL.A. 4311-A	9
		5 CLASSES	33 HOURS
AC 201 (SHARED WITH ARCHITECTURE CLASSES)	50	AL.A. 342-01	1
		1 CLASS	1 HOUR
AC 302B (SHARED WITH ARCHITECTURE CLASSES)		AL.A. 4212-A	6
		1 CLASS	6 HOURS
AC 304 (SHARED WITH ARCHITECTURE CLASSES)		AL.A. 4212-B	6
		1 CLASS	6 HOURS
X 30-A (SHARED WITH ARCHITECTURE CLASSES)		AL.A. 426-A	6
		AL.A. 426-B	6
		2 CLASSES	12 HOURS

TOTAL CLASSES: 113 TOTAL CLASS HOURS: 549

APPLIED ARTS CLASSES: 89 CLASS HOURS: 422
ALLIED ARTS CLASSES: 24 CLASS HOURS: 127

USE OF SPACE AVAILABLE TO THE DEPARTMENT OF ART - SPRING 1968

Room	Number of Students Room Designed to Accommodate per Class	Scheduled Classes	Number of Hours Class Meets per Week
H 2	17-25	Ap.A. 132-1A	5
		Ap.A. 132-2B	5
		Ap.A. 132-5E	5
		Ap.A. 132-6F	5
		Ap.A. 132-7G	5
		Ap.A. 338-3C	5
		Ap.A. 338-6F	5
		Ap.A. 436-1A	5
		Ap.A. 437-1A	5
		9 classes	45 hours
H 104		Ap.A. 131-1A	5
		Ap.A. 131-3C	5
		Ap.A. 131-4D	5
		Ap.A. 234-3C	5
		Ap.A. 236-1A	5
		Ap.A. 328-01	2
		Ap.A. 328-02	2
		Ap.A. 328-03	2
		Ap.A. 334-01	3
		Ap.A. 4315-2B	5
		10 classes	39 hours
H 166		Ap.A. 331-1A	5
		Ap.A. 331-2B	5
		Ap.A. 331-3C	5
		Ap.A. 331-5E	5
		Ap.A. 331-6F	5
		Ap.A. 331-8H	5
		Ap.A. 4315-1A	5
		7 classes	35 hours
H 105		Ap.A. 112-01	1
		Ap.A. 112-02	1
		2 classes	2 hours
H 272		Ap.A. 337-1A	5
		Ap.A. 337-3C	5
		Ap.A. 337-5E	5
		Ap.A. 337-6F	5
		Ap.A. 337-7G	5
		Ap.A. 337-9J	5
		Ap.A. 338-4D	5
		Ap.A. 338-5E	5
		Ap.A. 234-7G	5
		9 classes	45 hours

USE OF SPACE - DEPARTMENT OF ART - SPRING 1968 - PAGE TWO

ROOM	NUMBER OF STUDENTS ROOM DESIGNED TO ACCOMMODATE PER CLASS	SCHEDULED CLASSES	NUMBER OF HOURS CLASS MEETS PER WEEK
H 273	20	AP.A. 131-12M	5
		AP.A. 131-13N	5
		AP.A. 337-2B	5
		AP.A. 337-4D	5
		AP.A. 337-8H	5
		AP.A. 337-10K	5
		AP.A. 411-D	1
		AP.A. 234-6F	5
		8 CLASSES	36 HOURS
H 275	20	AP.A. 131-5E	5
		AP.A. 132-10K	5
		AP.A. 338-1A	5
		AP.A. 338-2B	5
		AP.A. 431-1A	5
		AP.A. 134-6F	5
		6 CLASSES	30 HOURS
H 103 (SHARED WITH HOME ECONOMICS CLASSES)	24	AP.A. 231-1A	5
		1 CLASS	5 HOURS
H 276	17	AP.A. 132-2C	5
		AP.A. 132-4D	5
		AP.A. 132-8H	5
		AP.A. 238-1A	5
		AP.A. 238-2B	5
		AP.A. 238-3C	5
		AP.A. 339-1A	5
		7 CLASSES	35 HOURS
X 50A		AP.A. 2313-1A	5
		AP.A. 2313-2B	5
		AP.A. 2313-3C	5
		3 CLASSES	15 HOURS
X 50B		AP.A. 131-2B	5
		AP.A. 131-6F	5
		AP.A. 131-7G	5
		AP.A. 131-8H	5
		AP.A. 131-9J	5
		AP.A. 131-10K	5
		AP.A. 131-11L	5
		7 CLASSES	35 HOURS

USE OF SPACE - DEPARTMENT OF ART - SPRING 1963 - PAGE THREE

ROOM	NUMBER OF STUDENTS ROOM DESIGNED TO ACCOMMODATE PER CLASS	SCHEDULED CLASSES	NUMBER OF HOURS CLASS MEETS PER WEEK
X 79A		AP.A. 134-1A	5
		AP.A. 134-2B	5
		AP.A. 134-3C	5
		AP.A. 134-4D	5
		AP.A. 134-5E	5
		AP.A. 2312-1A	5
		AP.A. 2312-2B	5
		7 CLASSES	35
X 79B		AP.A. 3312-1A	5
		AP.A. 3312-2B	5
		AP.A. 3312-3C	5
		AP.A. 3313-1A	5
		AP.A. 3313-2B	5
		5 CLASSES	25 HOURS
X 98		AP.A. 234-1A	5
		AP.A. 234-2B	5
		AP.A. 234-4D	5
		AP.A. 234-5E	5
		AP.A. 432-1A	5
		AP.A. 432-2B	5
		6 CLASSES	30 HOURS
AC 101 (SHARED WITH ARCHITECTURE CLASSES)	100	AL.A. 132-01	3
		AL.A. 132-01	2
		AL.A. 153-01	1
		AL.A. 210-01	1
		AL.A. 239-01	1
		AL.A. 343-01	1
		AL.A. 4319-01	3
		7 CLASSES	13 HOURS
AC 107	20	AL.A. 153-A	9
		AL.A. 329-A	6
		AL.A. 343-A	9
		AL.A. 434-A	9
		4 CLASSES	33 HOURS
AC 109	20	AL.A. 329-B	6
		AL.A. 343-B	9
		2 CLASSES	15 HOURS
AC 201 (SHARED WITH ARCHITECTURE CLASSES)		AL.A. 220-01	2
		1 CLASS	2 HOURS

USE OF SPACE - DEPARTMENT OF ART - SPRING 1968 - PAGE FOUR

ROOM	NUMBER OF STUDENTS ROOM DESIGNED TO ACCOMMODATE PER CLASS	SCHEDULED CLASSES	NUMBER OF HOURS CLASS MEETS PER WEEK
AC 302		AL.A. 4314-A	9
		AL.A. 153-C	9
		AL.A. 4213-A	6
		3 CLASSES	24 HOURS
AC 3		AL.A. 3314-A	9
		AL.A. 3314-B	9
		AL.A. 3314-C	9
		3 CLASSES	27 HOURS
AC 1	20	AL.A. 239-A	6
		AL.A. 239-B	6
		AL.A. 239-C	6
		AL.A. 239-D	6
		AL.A. 4312-A	9
		5 CLASSES	33 HOURS
X 30A		AL.A. 427-A	6
		AL.A. 427-B	6
		2 CLASSES	12 HOURS
X 50B (SHARED WITH		AL.A. 321-A	4
		AL.A. 321-B	4
		2 CLASSES	8 HOURS

TOTAL CLASSES: 129 TOTAL CLASS HOURS: 577

APPLIED ARTS CLASSES: 100 CLASS HOURS: 410
ALLIED ARTS CLASSES: 29 CLASS HOURS: 167

RESEARCH ACTIVITIES IN THE DEPARTMENT OF ART

SINCE 1964, THE DEPARTMENT OF ART HAS BEEN ENGAGED IN DEVELOPING A FULL-FLEDGED RESEARCH PROGRAM DEALING WITH MANY FACETS OF THE VISUAL ARTS AND VISUAL ARTS EDUCATION. PRIOR TO THAT TIME, INDIVIDUALS IN THE DEPARTMENT HAD BEEN PRODUCTIVE IN RESEARCH IN THE ARTS; HOWEVER, THERE WAS NO CONCERTED DEPARTMENTAL EFFORT. IN 1965, A FACULTY MEMBER WAS DESIGNATED AS COORDINATOR OF RESEARCH ACTIVITIES IN ART, AND THIS HAS HELPED TO STIMULATE INTEREST IN RESEARCH AND SYNTHESIZE THE DIVERSE INTERESTS OF THE DEPARTMENT.

FUNDED PROJECTS

FUNDED PROJECTS HAVE BEEN SUPPORTED SOLELY THE STATE APPROPRIATED RESEARCH MONEY WHICH HAS BEEN RATHER LIMITED. NEVERTHELESS, MUCH HAS BEEN ACCOMPLISHED WITHIN THE LIMITATIONS OF THE FUNDS AVAILABLE.

FRANZ KRIWANEK'S PROJECT, "USES OF WEST TEXAS CLAYS AND COTTON ASHES IN SMALL SCALE PRODUCTION AND EDUCATIONAL CERAMICS," WAS FUNDED DURING THE 1966-67 AND 1967-68 ACADEMIC YEARS. IT IS AN OUTSTANDING PIECE OF STUDIO RESEARCH, WELL DESIGNED AND WELL EXECUTED. IT POINTS UP THE PRESSING NEED THAT WE HAVE IN THE FIELD OF THE VISUAL ARTS FOR BODIES OF RESEARCH KNOWLEDGE OF THIS TYPE. STUDIO ARTISTS HAVE ENGAGED IN RESEARCH IN THE RESPECTIVE AREAS FOR MANY YEARS; HOWEVER, THEIR APPROACHES HAVE NOT USUALLY BEEN WELL ORGANIZED AND SYSTEMATICALLY APPROACHED. THEY HAVE BEEN EVEN MORE NEGLIGENT IN REPORTING THE RESULTS OF THEIR INVESTIGATIONS.

ONE OF THE BASIC WORKING ASSUMPTIONS WHICH HAS HAD AN INCREASING INFLUENCE IN THE AREA OF VISUAL ARTS EDUCATION DURING THE PAST THREE DECADES IS THE PROMOTION OF CREATIVE THINKING ABILITIES THROUGH ART ACTIVITIES. ART EDUCATORS HAVE NOT HAD A LIMITED VIEW OF THIS IDEA, BUT HAVE CONTENDED THAT GENERAL CREATIVITY IS PROMOTED AND REWARDED IN THE ART CLASSROOM, WITH THINKING ABILITIES DEVELOPED BEING TRANSFERABLE TO OTHER AREAS OF ENDEAVOR. IT HAS BEEN GENERALLY ASSUMED THAT THERE IS A STRONG RELATIONSHIP BETWEEN GENERAL CREATIVITY AND CREATIVITY IN THE VISUAL ARTS. YET, THE ART EDUCATORS'

POSITION HAS BEEN LARGELY BASED UPON PHILOSOPHICAL AND ANALYTICAL THINKING WITH A LACK OF RESEARCH EVIDENCE TO SUPPORT THIS POSITION. IT WAS WITHIN THIS FRAMEWORK OF THINKING THAT THE TECH STUDIES IN CREATIVITY AND ART EDUCATION WERE ESTABLISHED. THE BASIC PURPOSE OF THE INITIAL RESEARCH PROJECT WAS TO INVESTIGATE THE RELATIONSHIP OF GENERAL CREATIVE THINKING ABILITIES TO THREE VITAL AREAS OF ART EDUCATION - TEACHING METHODOLOGY, GRADING, AND SUCCESS IN COLLEGE. THE PROJECT WAS BEGUN IN 1965 AND WAS PLANNED IN THREE PHASES:

PHASE I: TEACHING METHODOLOGIES IN ART: AN EXPERIMENT IN DEPTH AND BREADTH APPROACHES TO INSTRUCTION: DONALD JACK DAVIS, PRINCIPAL INVESTIGATOR.

THIS PROJECT WAS CONCERNED WITH THE EFFECTS OF TWO METHODS OF TEACHING ART - DEPTH AND BREADTH - UPON THE CREATIVE THINKING, ART ATTITUDES, ART INFORMATION, AND AESTHETIC QUALITY OF BEGINNING COLLEGE ART STUDENTS. A PRELIMINARY REPORT ON THIS PHASE OF THE PROJECT WAS COMPLETED IN AUGUST, 1966, AND A PAPER CONCERNING IT WAS PRESENTED AT THE NATIONAL ART EDUCATION ASSOCIATION MEETING IN SAN FRANCISCO IN THE SPRING OF 1967. THE FINAL REPORT OF THE PROJECT WAS COMPLETED IN THE SUMMER OF 1968 AND IS IN THE PROCESS OF BEING REPRODUCED IN MONOGRAPH FORM BY THE TECH PRESS. AN ARTICLE CONCERNING THIS PROJECT HAS ALREADY BEEN ACCEPTED FOR PUBLICATION IN THE WINTER ISSUE OF <u>STUDIES IN ART EDUCATION</u>, THE RESEARCH JOURNAL OF THE NATIONAL ART EDUCATION ASSOCIATION.

PHASE II: INVESTIGATING EVALUATIVE CRITERIA FOR STUDIO ART COURSES: AN EXPLORATORY STUDY: STANLEY S. MADEJA, PRINCIPAL INVESTIGATOR.

DR. MADEJA, FORMERLY ASSOCIATE PROFESSOR OF ART AT TEXAS TECH AND NOW WITH THE U.S. OFFICE OF EDUCATION, GAVE A PRELIMINARY REPORT OF THIS PROJECT AT THE NATIONAL ART EDUCATION ASSOCIATION MEETING IN SAN FRANCISCO IN THE SPRING OF 1967. THE FINAL REPORT OF THE PROJECT WAS COMPLETED IN THE SUMMER OF 1968, AND IS IN THE PROCESS OF BEING REPRODUCED IN MONOGRAPH FORM BY TECH PRESS.

PHASE III: CREATIVITY, MOTIVATION, AND ACADEMIC SUCCESS: AN EXPLORATORY STUDY: DONALD JACK DAVIS AND STANLEY S. MADEJA, PRINCIPAL INVESTIGATORS.

THIS STUDY HAS BEEN A LONG RANGE ONE CONSIDERING THE CREATIVE THINKING ABILITIES, MOTIVATION, AND ACADEMIC SUCCESS OF 300 COLLEGE STUDENTS OVER THEIR FIRST TWO YEARS OF COLLEGE. THE FINAL DATA ANALYSIS IS IN PROGRESS AND THE FINAL REPORT OF THE PROJECT IS EXPECTED FOR COMPLETION IN THE FALL OF 1968. IT WILL BE PRESENTED IN MONOGRAPH FORM.

ANOTHER FUNDED PROJECT WAS CARRIED ON DURING THE 1967-1968 ACADEMIC YEAR BY DR. FOSTER MARLOW AND DR. DONALD JACK DAVIS. THIS PROJECT WAS CARRIED WITH ELEMENTARY EDUCATION MAJORS AND WAS CONCERNED WITH THE USE OF VISUAL INSTRUMENTS FOR SELF-DIRECTED LEARNING. THE PROJECT, ENTITLED "THE USE OF VISUAL INSTRUMENTS FOR SELF-DIRECTED LEARNING" HAS BEEN COMPLETED, AND THE FINAL REPORT IS IN THE PROGESS OF BEING PREPARED. IT IS INTENDED THAT THE RESULTS OF THE PROJECT WILL BE DISSEMINATED THROUGH A PUBLISHED ARTICLE AND POSSIBLY THROUGH A MORE DETAILED MIMEOGRAPHED REPORT.

UNFUNDED RESEARCH

DR. BILL C. LOCKHART HAS BEEN ENGAGED DURING THE PAST YEAR IN A PROJECT AIMED AT IDENTIFYING CREATIVE CHARACTERISTICS OF SECONDARY SCHOOL STUDENTS. THE PROJECT IS BEING CONDUCTED IN COOPERATION WITH THE ART DEPARTMENT OF THE SAN ANGELO, TEXAS PUBLIC SCHOOLS.

CONTINUING INTEREST AND WORK IN DETERMINING AND ANALYZING RESEARCH TRENDS IN THE VISUAL ARTS HAS BEEN MAINTAINED BY DR. DONALD JACK DAVIS. A PROGRESS REPORT OF HIS RESEARCH IN THIS AREA WAS PUBLISHED IN ART EDUCATION, THE JOURNAL OF THE NATIONAL ART EDUCATION ASSOCIATION, IN OCTOBER, 1967. AT THE PRESENT TIME, A BIBLIOGRAPHY OF SCIENTIFIC INVESTIGATIONS IN ART BETWEEN 1940 AND 1960 IS BEING MIMEOGRAPHED AND ASSEMBLED IN BOOKLET FORM. EFFORTS HAVE ALREADY BEEN MADE TO CONTINUE THIS PROJECT BY EXAMINING AND ANALYZING THE RESEARCH LITERATURE IN THE VISUAL ARTS SINCE 1960 AS WELL AS BEFORE 1940.

ONE DISSERTATION PROJECT WAS COMPLETED IN JUNE, 1968, BY DR. RICHARD WAYNE HENTON. HIS PROJECT WAS ENTITLED, "AN EXPERIMENTAL STUDY COMPARING MODULAR UNITS WITH CONVENTIONAL FURNISHINGS FOR TEACHING FURNITURE ARRANGEMENT" AND WAS ACCEPTED BY THE GRADUATE SCHOOL OF THE UNIVERSITY OF MINNESOTA IN

PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE PH.D. DEGREE.

TWO OTHER DISSERTATION PROJECTS ARE UNDERWAY BY MR. RAY W. HELLBERG AND MR. JOHN J. MAHLMAN. BOTH FACULTY MEMBERS ARE PURSUING THE ED.D. DEGREE AT THE PENNSYLVANIA STATE UNIVERSITY. EXPECTED COMPLETION DATE IS JUNE 1969.

IN ADDITION TO THE MORE ACADEMIC RESEARCH PROJECTS MENTIONED ABOVE, A NUMBER OF THE FACULTY ARE INVOLVED IN CREATIVE RESEARCH IN THEIR STUDIOS. THE RESULTS OF MUCH OF THIS ENDEAVOR CAN BE NOTED IN THE NUMBER AND SCOPE OF ART EXHIBITIONS - LOCAL, STATE, REGIONAL, AND NATIONAL - IN WHICH THE ART FACULTY IS REPRESENTED.

PART III

FUTURE INFORMATION

Objectives and Goals

Simply stated, the new Department of Art of Texas Technological College has an exciting and unlimited potential. The major goal is to develop the most outstanding department of art in the country. In view of the present enrollment and predicted future growth, it becomes vividly evident that tremendous opportunities exist in all areas of study in the visual arts at Texas Tech. The possibility of having one of the largest departments in the nation makes the challenge even stronger to achieve a very high degree of excellence. The majority of the art faculty is acutely aware of this challenge.

Major Strength - The Faculty

The major strength of the department is the superior quality of the art faculty; the present professional faculty has gained national attention in many areas and represents a team in depth and breadth that is found in few departments over the nation. The faculty has developed very strong programs in several areas under conditions that were far from ideal. A ten year projection of the number of faculty is attached.

New Structure - An Opportunity

The new department offers the structure to develop key programs at both the undergraduate and graduate level that will provide additional leadership for the state and nation. This leadership will not only come from the quality of teaching and from the graduates, but in all areas of the visual arts - production, research, writing and professional leadership.

Expanding Enrollment

A big problem facing the department is in regard to expanding enrollment. In the fall of 1962 there were 2495 semester hours (Applied Arts and Allied Arts) taught, and in the fall of 1967 there were 6524 semester hours taught. This represents an increase of 162 per cent over a five year period.

Extending that percentage would mean an increase of 10,569 semester hours in the fall of 1972 for a total of 17,093. Predicting this even further would mean a total of 44,784 semester hours by the fall of 1977. It is obvious that this growth is impossible. A report by the Coordinating Board has predicted large increases in art for all state institutions, and Tech's program has consistently grown at a faster rate than other art programs in Texas. The number of teaching positions, facilities, and university policies will in part determine enrollment growth. It seems very important to take a discerning look at predicted future growth. In fact, unless extra funds are available for teaching positions, the department will be forced to limit enrollment in the fall of 1968. There is a definite need to develop an orderly growth. A chart of the projected ten year enrollment is attached.

Objectives

It becomes extremely difficult to determine and/or define long range goals and objectives for the Department of Art in view of the fact that there are immediate needs yet to be realized which are critical to the present operation of the department. With the creation of the Department of Art at Texas Tech, it was obvious that certain curricula and degree provisions would occur; however, the procurement of these provisions has apparently become difficult. Unless immediate goals are realized very soon, the successful development of the Department of Art will be severely jeopardized. At present, the art faculty and students are becoming extremely skeptical of our precarious situation. The idea of a student embarking upon an extensive course of study prefaced by "if we get the programs" is very demoralizing to the total department. In addition to curricula and degree provisions, the area of adequate budgeting and facilities also represents present critical needs.

Immediate Objectives

The following are immediate objectives:

1. To obtain the Coordinating Board's approval of the Bachelor of Fine Arts and Master of Fine Arts degrees.

2. Dependent upon the approval of the Bachelor of Fine Arts degree, to phase out the Bachelor of Advertising Art and Design degree and the Applied Arts major. These two programs are responsible for much student confusion and are detrimental to the professional program planned.

3. To obtain adequate operating budget for the Department of Art. Inadequate maintenance, equipment, and travel funds are detrimental to the department's immediate goals. The two major areas that hurt the department most are needed slides for art history and money for model fees. The Department of Art's slide collection is practically nonexistent. It will take considerable support for a period of five to seven years to develop an adequate slide collection. A ten year projection of budget needs follows this section of the report.

4. To obtain adequate salaries to hold key faculty in the department. Many schools are attempting to hire some of our key faculty members in the areas of art education, interior design, studio and research by offering much higher salaries than Texas Tech has made available for these faculty members. Because of interest and loyalty to the department, these individuals have stayed at Texas Tech; however, the department cannot expect to hold key people if more competitive salaries are not given these people. To replace the key people would cost Texas Tech more than it would cost to reward the present personnel for their work.

Five to Ten Year Objectives

Objectives the Department of Art needs to achieve in the next five to ten years are listed below.

1. Recruitment of key people in the areas of art history and advertising art. There is a shortage of professional teachers in these fields, and these are two areas in which the department needs key faculty. Our lack of an art history slide collection will not help in recruiting. To attract a quality art historian, with excellent credentials, will probably take a higher salary than is presently being paid in the department.
2. Reduction of teaching loads. In the fall of 1968, the art faculty will be carrying the heaviest clock hour load to date. Most of the studio faculty will be teaching 27 clock hours, and the art education and interior design faculty will be teaching 12 semester hours. The University of Texas' studio faculty teach 18 clock hours for 6 semester hours credit. Their art education instructors teach 18 clock hours for 9 semester hours credit. In order to have a first class art department, we need to encourage intensive art production, research, professional work, and leadership in the department. To reduce the teaching loads of key faculty, it would take an increase of 25 to 30 per cent in teaching positions to handle present enrollment. Many of the present faculty have gained national recognition in their respective fields, and to further promote this professional growth it is imperative that clock and semester hours be reduced in the future. This probably could not be accomplished at one time, but each year some faculty members' teaching loads could be reduced.

3. Obtain adequate building facilities. Two-thirds of the art faculty have never taught a class at Texas Tech in a laboratory that was designed for art instruction. Our department has gained the reputation of having one of the strongest faculties with the weakest facilities. The proposed building is a step in the right direction, but should all three floors that are proposed be completed, the building still will not meet the department's needs by the time it moves in. In addition to adequate laboratory space, exhibition space (we have none now), storage (our faculty exhibition is presently stored in a rest room) and office areas are critically needed. A listing of the projected space needs for the department follows this section of the report.

4. The development of a master's and a doctor's degree program in art education. The plans need to be developed immediately for these degrees with implementation coming as soon as possible. There is an increased demand for doctoral degree people in college teaching, and there is no place in Texas where such degrees can be earned as reported by the Coordinating Board in the report, "The Survey of Art, Music, and Drama in 1965." This report related that Texas Tech had over twice as many doctoral people in the Department of Art as any other school in the state. There is a definite need for the doctoral degree, and Texas Tech has the best faculty to develop the degree programs. The implementation of these programs can be instrumental in holding key faculty at Texas Tech.

5. Obtain the Master of Arts degree. This degree is needed to provide an academic and research oriented master's program.

6. To expand research: practical and theoretical aspects of the visual arts. In the past several years the art faculty has developed sound research. A major objective in the near future is to develop a broad base for research. In addition to the kinds of research being executed in the department, the whole area of creative research in the visual arts needs to be explored and refined. At present, the Department of Art has the faculty that can continue this development in the various research areas. A graduate program will definitely further stimulate and enhance research in the Department of Art.

7. To closely scrutinize the various possibilities regarding the final disposition of the Department of Art in regard to administrative structure. This objective is not based on an objection to the present structure, but it is based on a statement made in the spring of 1967 by the Academic Vice President that the Department of Art's location in the School of Arts and Sciences was an interim phase. This study and consideration of a future structure should involve the art faculty as well as others at a very early stage.

8. Development and establishment of field schools. The Taos Workshop, Taos, New Mexico, has operated very successfully for the past three summers. This program adds depth and prestige to our program. There is a critical need to establish permanent quarters for this operation in terms of studio laboratories and student housing. While the program has operated for six weeks the past two summers, a home for the workshop in Taos would enable the department to offer a full program for twelve weeks and could serve a special use for part of the proposed graduate program the other nine months.

The faculty has begun developing plans for a field school in

Dallas for advertising art majors. Six weeks of work between the junior and senior year will add much to the strength of the advertising art program. By operating in Dallas, the department could make use of top advertising art people and their facilities which are not available locally. Because many of our students are employed in Dallas, it would add to the importance of this program.

9. Accreditation by the National Association of Schools of Art. The National Association of Schools of Art is the only accrediting group for professional art programs. Only the University of Texas in this state is now accredited by N.A.S.A. Because of the professional orientation of the art programs at Texas Tech, it is important for these programs to be accredited. In order to gain accreditation, faculty loads must be reduced, a slide collection must be developed, and exhibit and gallery space must be made available.

10. Appointment of an art manager. The art manager would be a staff position responsible for (a) exhibitions, (b) procurring and maintaining permanent collections, (c) coordinator of continuing education, and (d) coordination of consultant and resource services to local, regional and state groups. This position is needed to help provide the services that are in keeping with the role of a university. This staff position would do much to free the faculty to continue their professional development.

11. Development of a contemporary art collection. Because of our isolation, it becomes important to develop a contemporary art collection as a teaching aid to be used campus wide. The department is very much concerned with being able to provide constant exhibitions all over the campus - in offices, dormitories, classrooms, etc. New York University has been very successful with their "Living Art Collection." Such a collection would contribute to a cultural

climate for the students and faculty of the university.

12. Visiting artists. It is important to bring outstanding artists to campus each semester. The visiting artist could alternate between a potter, a painter, a sculptor, etc. This way the department would have contact with many outstanding artists. Often these people could be encouraged to bring exhibits to the campus. The department's needs would be served better by visiting artists than by having a consulting professor.

13. Develop photography for the advertising art program. With increasing numbers of advertising artists being used in television, and with the development of the cinema as a fine arts medium, it becomes important to develop comprehensive programs in photographic processes as related to television, still photography, and motion picture technology.

14. Development of experimental program in appreciation. The Department of Art has a strong obligation to help develop understanding and insight of art in our culture for students other than art majors. Through the development of experimental courses, much could be done to help find better ways to contribute to the total development of all students.

15. Exhibits and competitions of national and international scope. Because of Lubbock's isolation, the students and art faculty, and college community are apt to be out of touch with art. Facilities and money are needed to put together extraordinary exhibitions. Selected competitions can do much to promote attention to our program and bring present day art to our campus.

16. Development of a print center. Print centers have been established on the West Coast and the East Coast, but none in the central part

of the United States. This would mean the addition of a master printer who could supervise and assist artists. This service would be available to artists of the area. The main strength would come through the invitation of an international artist, such as Miss Georgia O'Keeffe, who would develop the design and direct limited editions of a print. The department would keep one print and the rest would be for sale. A successful print center could attract international attention in a relatively short time.

17. Publication of books and portfolios of faculty work. Identity could be gained for the department by the publication of works of the faculty-artist. This would also be a valuable method of rewarding faculty who have made outstanding ahcievements in the visual arts.

18. Graduate student and faculty studios. Graduate students will need studio space where they will be able to spend many hours a day without interuption from scheduled classes. Certain individuals of the studio faculty need a place to work, and by having this work take place on campus, it would add to the atmosphere and serve as motivation for students. Two to three barracks would serve this purpose.

19. Further strengthening and upgrading the faculty. In the future, there will be little recruiting at the instructor level. With the development of graduate programs, more teaching will be done by teaching assistants. Stress will be placed on rewarding the faculty who do the most to contribute to the department.

Concluding Statements

The Department of Art needs three things to achieve its major goals: time, money, and facilities. Time is needed to get new programs underway,

with additional time to evaluate the results. Adequate money is needed to operate the present program with more needed to achieve major goals. It is obvious that all the money needed cannot come from state funds. Outside sources will have to provide partial support for such needs as the Taos center, the contemporary art collection, and expanded research work. Facilities are needed to provide a highly professional faculty the opportunity to be most effective.

The goals and objectives have been developed with the dream of excellence in a broad based visual arts program. The faculty is energetic and eager, and they desire to pursue this dream. With adequate support, the sky is the limit!

Department of Art

Faculty Projections For A Ten Year Period

Year	Full Time Faculty Equivilants (Includes teaching assistants)
1967-68	31.6
1968-69	32.6
1969-70	37.6
1970-71	41.4
1971-72	47.6
1972-73	52.4
1973-74	60.2
1974-75	66.2
1975-76	76.2
1976-77	83.8

Department of Art

Projections of Fall Semester Enrollment for a Ten Year Period*

Year	Semester Credit Hours
1967-68	6,524
1968-69	7,176
1969-70	7,894
1970-71	8,683
1971-72	9,551
1972-73	10,506
1973-74	11,557
1974-75	12,713
1975-76	13,984
1976-77	15,382

* Semester credit hours are based on a ten percent increase per year.

Department of Art

Budget Projections For a Ten Year Period

School Year	Instructional Salaries	Staff Salaries	Stud. Asst.	Maintenance, Equipment & Travel	Total	Visiting Artists
1967-68	$ 305,305.00	$ 10,530.00	$ 2,500.00	$ 14,000.00	$ 335,055.00	
1968-69	337,285.00	11,130.00	2,500.00	14,000.00	366,010.00	
1969-70	419,465.00	17,013.00(a)(b)	4,000.00	21,500.00	461,978.00	$ 2000.00
1970-71	496,468.00	17,785.00	4,500.00	27,633.00	546,386.00	2,000.00
1971-72	613,611.00	34,664.00(c)(d)	4,950.00	30,396.00	683,621.00	2,000.00
1972-73	726,106.00	40,807.00(e)(f)	5,445.00	33,435.00	805,793.00	2,000.00
1973-74	896,739.00	59,888.00(g)	5990.00	36,780.00	999,397.00	2,000.00
1974-75	1,060,060.00	67,244.00(h)	6590.00	40,458.00	1,174,352.00	2,000.00
1975-76	1,311,706.00	73,968.00	7,250.00	44,503.00	1,437,427.00	2,000.00
1976-77	1,550,719.00	77,666.00	7,975.00	48,953.00	1,685,313.00	2,000.00

(a) Includes new position (one-half time) for secretary. $1,837.00
(b) Includes new position (one-half time) for technician. $3,014.00
(c) Includes new position (one-half time) for slide librarian. $2,100.00
(d) Includes new position (full time) for art manager. $13,000.00
(e) Includes new position (one-half time) for slide librarian. $2,205.00
(f) Includes new position (one half time) for secretary. $2,205.00
(g) Includes new position for Master Printer. $15,000.00
(h) Includes new position (one-half time) for technician. $4,362.00

Department of Art

Projections of Space Needs For a Ten Year Period

Year	Classroom and Laboratory Spaces*	Offices Spaces
1967-68	18	32
1968-69	21	30
1969-70	28	37
1970-71	30	40
1971-72	32	47
1972-73	34	52
1973-74	37	60
1974-75	40	66
1975-76	43	76
1976-77	46	83

* Other labs for graduate student and faculty studios will be needed - two labs for 1970, two additional labs for 1972, and two additional labs for 1974.

DEPARTMENT OF BIOLOGY

MEDIUM AND LONG-RANGE PLANS

FOR

THE DEPARTMENT OF BIOLOGY

TEXAS TECHNOLOGICAL COLLEGE

A Report to Dr. Grover E. Murray, President

by

The Faculty of the Department of Biology

September 1, 1968

History of the Department

The history of the Department of Biology, Texas Technological College, has been developed by the activities of a group of biological scientists dedicated to teaching and research.

Richard Arthur Studhalter, first head of the Department, served as head from 1925 until 1948. He was a member of the first faculty of Texas Technological College and was listed as a professor of biology in The Preliminary Announcement of the First Annual Catalogue, 1925-1926[1]. Three biology courses, Elementary Botany, Taxonomy of the Seed Plants, and Elementary Bacteriology, were described in the preliminary announcement. A course in zoology, though not described, was listed as a part of the curriculum for courses of study in agriculture.

Mrs. Richard A. (Ruth B.) Studhalter was an instructor in biology for the Fall term and was listed in The Opening of a New Institution[2]. Four courses in Biology: General Botany, General Zoology, Physiology, and Vertebrate Anatomy were listed in the bulletin mentioned above.

The First Annual Catalogue number, 1925-1926, with Announcements for 1926-1927[3] described twenty courses in biology; 6 in botany, 3 in bacteriology and 11 in zoology. During this first year, biology was taught in the School of Liberal Arts. These courses were taught by Mr. and Mrs. Richard Arthur Studhalter. The biology laboratory consisted of a well-lighted, north room on the third floor of the Administration Building. This laboratory was equipped with water, electricity and gas.

Dr. Edward Looman Reed and Miss Bessie Beakley League joined the biology faculty for the 1926-1927 academic year. Dr. Reed was the first member of the

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1 Bulletin of Texas Technological College I:2, p. 5

2 Bulletin of the Texas Technological College I:4, p. 8

3 Bulletin of the Texas Technological College II:1, pp. 43-48

biology faculty who had earned the doctorate. The following students served as biology assistants during the 1926-1927 academic year: Anne Chipley, Claude Hope, Pauline Miller, J. I. Kendrick, Jr., Ewell Hunt, and Charlie Read. Two of these assistants, Dr. Pauline Miller and Dr. Ewell Hunt are physicians in Lubbock at the present time. Milton Frederic Landwer and J. Welborn McKay joined the faculty in 1927, and Jesse Q. Sealey joined the faculty in 1928.

In 1929, the Department of Biology moved into the new Chemistry Building, sharing the second floor with the Department of Geology.

Dr. Studhalter was elected the first president of the Plains Museum, at the first meeting of the Society, March 27, 1929. Dr. Studhalter was a member of the first expedition to study the Yaqui Indians of Sonora, Mexico. During the early years of the College, Dr. and Mrs. Studhalter conducted summer field courses in biology in the mountains of New Mexico. Generally, these courses were taught in the Boy Scout Buildings in Gallinas Canyon near Las Vegas, New Mexico. One field course involved an expedition to the Pacific Northwest. Martha Cox, studying with Dr. Studhalter, was awarded the first Master's Degree in 1939. During his tenure as head of the Department, he carried a heavy class load and published an impressive number of scientific papers.

When Dr. Studhalter resigned as head of the department in 1948, the biology faculty consisted on one professor, one associate professor, one assistant professor, and six instructors. Two members of the faculty had earned the doctorate. Several of the instructors had begun work within the Department toward the Master's Degree but had not completed the requirements for the degree.

In 1948, Dr. James Cecil Cross became the second head of the Department. Graduate work in botany and zoology at the Master's level was emphasized. Seven Master's degrees with majors in botany and 27 Master's degrees with majors in zoology were awarded during the eleven years of Dr. Cross' tenure as departmental

head (Table 1). The faculties of the Department of Biology, Department of Geology and Department of Physics planned a new Science building which was completed in 1952. The Department of Biology occupied the second floor and part of the attic of this new facility. The amount of usable space occupied by the Department of Biology totaled 19,149 square feet (Figure 5). A great deal of controversy surrounded the planning, location, and construction of this building. Ruth Horn Andrews[4] has described this building as "a squatty structure of anamolous design denominated the Science Building". The Legislature had placed a rider on the appropriations bill stating that no funds could be used for air-conditioning in the new building. Some faculty designated the elaborate stone trim as "gingerbread". The architects had insisted that the building keep the appearance of a low-roof design and planned only a few windows for the attic floor, particularly on the front of the building, stating that the attic would never be used for anything but storage. However, this attic floor without air-conditioning in this "squatty building of analomous design" has been converted, piece-meal, into air-conditioned rooms housing most of the research laboratories of the Department of Biology.

When Dr. Cross retired as head of the Department in 1958, the faculty consisted of 4 professors, 2 associate professors, 4 assistant professors and 6 instructors. Nine of the 15 full-time members of the faculty had earned the doctorate.

In 1959, the present chairman, Dr. Earl D. Camp, became the third head of the Department. The past 9 years have been characterized by a rapid increase in student enrollment, a gradual rise in student-teacher ratios, a continuous support of institutes and workshops, an increased emphasis upon graduate education and research, and a gradual development of additional space for teaching and research. The enrollment in semester hours has increased from 5,112 in the fall of 1959 or 10,429 for the entire year of 1959-1960 to 14,280 in the fall of 1967 or 28,356

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4 First Thirty Years: A History of Texas Technological College 1925-1955, p. 7.

for the entire year of 1967-1968 (Tables 3, and 6, Figure 1). Since 1960 the student-teacher ratio has been considerably above the ten year mean for the School of Arts and Sciences (Figure 4). This ratio increased from 19:1 in 1958 to a high of almost 33:1 in 1965; it dropped to 29:1 in 1967 (Figure 4).

The number of courses offered in the Department has increased from 4 listed in 1925 to 80 listed in 1968[5] (Table 10).

A Summer Institute for High School Biology Teachers has been supported by the National Science Foundation and by the faculty of the Department of Biology each year since 1959. Workshops for Medical Technicians have been supported several years.

The graduate faculty in biology has improved both in number and educational qualifications. In 1967 the faculty consisted of 20.5 members with the Ph.D. degree, one member with the Master's degree (as the highest degree) and 31 teaching assistants (Figure 3).

The Bachelor of Science in Medical Technology has been instituted at the undergraduate level. The Master of Science Degree with a major in microbiology and the doctorate with majors in biology, botany, microbiology, and zoology have been implemented at the graduate level. Support for a large number of Graduate Assistants has been provided. During the past 9 years, 22 students have earned the Master's degree with a major in botany, 49 students have earned the Master's degree with a major in zoology, and one student has earned the Master's degree with a major in microbiology (Table 1). Seventy-two of the 107 Master's Degrees earned in the Department of Biology have been earned in the past 9 years.

The expenditure for research in biology has increased. In 1967-1968 a total of $195,600 was provided for research in biology. Of this amount $27,410 was provided by the State Legislature, $126,190 was provided by the Federal Government, and $42,000 was provided by private sources (Table 8).

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[5] Bulletin of Texas Technological College XLIV:3, p. 79-85.

Additional space has been provided. In 1962, an addition to the Science Building increased this space to 24,756 square feet. Modification of the South Attic and, later, the North Attic increased this space to 36,043 square feet. The construction of the new Biology Facility, which will be completed in 1969, will increase this space to 89,000 square feet when all of the space is assigned to the Department of Biology (Figure 5).

Future development of teaching and research in biology appears to be quite promising.

GOALS OF THE DEPARTMENT

Past Goals

In the fall semester of 1958 the faculty of the Department of Biology was asked by The Administration to study the condition of the Department, to assess its role as a college department, and to establish goals for the future.

This study revealed that: (1) the faculty consisted of 9 members with the doctorate, four members with the Master's Degree, and one with the Bachelor's Degree; (2) the faculty was deficient in the areas of animal physiology, bacteriology, and plant pathology; (3) the instructional program suffered from a duplication of certain beginning courses, offered at the request of other departments, and from a limited variety of graduate courses; (4) faculty research was not adequately supported in terms of released time and apportionment of funds; (5) the graduate program was hindered by inadequate support for graduate students and instructional equipment.

The faculty decided that the Department should function within at least three roles; instruction, research, and public service. The instructional role had three aspects; teaching a general biology course for large numbers of students, teaching service courses for majors in other departments, and providing professional training for biology majors. Some controversy arose concerning the research role. The faculty agreed that research should be encouraged to the extent that it does not interfere with teaching duties. Public service involved a willingness to serve as consultants on biological problems, to participate in conferences and workshops, to speak before large groups, and to provide a reference collection of plants and animals for the benefit of local individuals.

The improvement of these roles seemed a worthwhile goal for the future. Objectives to foster this improvement were discussed, and the following recommendations were made:

1. Consolidate the lecture sections in the freshman course to form larger lecture sections and recruit competent graduate students to teach laboratory sections. Require close coordination between lectures and laboratories. Such consolidation would provide faculty time to develop more courses at the upper class levels.

2. Offer a one-semester general bacteriology course for all students electing a course in bacteriology and provide an advanced bacteriology course the second semester for biology majors.

3. Combine the five semesters of courses in human anatomy and physiology into a challenging, one-semester course.

4. Institute a problems course for senior students.

5. Evaluate the courses offered as a part of the teacher training program at the undergraduate level. A seminar type course should be investigated.

6. Initiate a graduate program at the Master's level in bacteriology, immediately. Declared majors in bacteriology at the freshman level comprised over one-half of the freshman declaring majors in biology.

7. Support research by reducing the teaching loads to a maximum of 10-12 contact hours a week, by budgeting a certain amount of departmental funds for research to cover cost of publications by faculty members, travel to scientific meetings, and purchase of certain types of equipment, by recognizing research that leads to publication, and by encouraging faculty to obtain grants from federal, state, and private agencies.

8. Support graduate study by making available teaching assistantships that are competitive financially with those of the best universities, by taking steps toward initiating a Ph.D. program as soon as commitment of funds for the support of a graduate faculty and graduate facilities is made by the administration, by recruiting the best qualified faculty possible, by replacing part-time instructors who do not plan to study for advanced degrees, and by recruiting graduate students to teach laboratories.

9. Improve the present curriculum by developing new courses essential to a biology program.

10. Improve the status of the faculty by recruiting only those individuals with the Ph.D. degree who have proven ability or professional promise in both teaching and research and by awarding promotion and tenure only to those individuals showing an increasing professional merit in teaching and research.

At the suggestion of President Goodwin in 1961, the faculty of Texas Technological College made an institutional self-study as a part of the report to the Southern Association of Colleges and Universities. The committee on the purpose of the Institution in a communication to the faculty dated November 1, 1961, stated,

> "Supported in its belief by past developments, current trends, geographical considerations, and a philosophy of higher education, the Committee on Purpose believes that Texas Technological College can best serve the future by striving to be a multipurpose state university of the first class--the center of learning in West Texas--which provides opportunity for a liberal education and professional training at the undergraduate and graduate levels."

This report was approved by the faculty of the College. At this time the faculty of the Department of Biology was faced by an increasing influx of students whose basic need was undergraduate education requiring the services of a large faculty. At the same time the faculty was faced by a smaller but increasing group of students pursuing graduate work and research, requiring the services of an imaginative, experienced, graduate faculty. The accommodation of both groups seemed impossible in relation to the limited resources provided.

However, the faculty of the Department decided that if it fulfilled its goal of improving its role in the three areas mentioned earlier, teaching, research, and public service, in supporting the purpose of the College, both of these groups of students should be accommodated.

In faculty meetings, and in two faculty conferences, one held in September, 1963, at the Silver Spruce Lodge in Red River, New Mexico, and the other held in September, 1964, in the St. Bernard Hotel and Chalets, Taos Ski Valley, Taos, New Mexico, the faculty made plans for the effective accommodation of both of these groups of students. Some of the objectives outlined and decisions made are listed below:

1. Request an increased number of classified personnel to provide efficient office help and stock room management. This objective also involved the outlining of procedures for ordering supplies and equipment.

2. Evaluate present space allotments to determine what spaces could be modified and reallocated to best serve the functions of the Department.

3. Study the present curriculum to prevent overlap at the undergraduate level and to allow expansion at the graduate level. Some effort at this study had been made, but more effort was needed.

4. Develop a program at the Master's level in microbiology and at the doctorate level in biology, botany, microbiology and zoology.

5. Improve the graduate faculty both in quantity and in quality. To accomplish this objective, individuals must be recruited who are capable and willing to teach at the undergraduate level while developing graduate courses and independent research programs leading to publications in the individual scientist's area of interest. Areas for recruitment listed by the faculty over the past nine years include animal physiology, bacteriology, plant physiology, cytology, cytogenetics, population genetics, virology, protozoology, industrial microbiology, ethology, ornithology, parasitology, electron microscopy, ecology, biometry, and radiation biology.

The order listed did not necessarily indicate the order of recruitment in the different fields. The quality of the person recruited seemed more important.

6. Plan laboratory facilities and office space to accommodate the increasing number of graduate faculty to be recruited.

7. Support field research and instruction by providing and maintaining field vehicles for the transportation of faculty and students and by developing the Kermit Field Station.

8. Apply for private, state and federal funds to support teaching and research.

Due to the imaginative efforts of an industrious faculty and the understanding of an encouraging administration most of these objectives have been accomplished but to varying degrees.

The increase in the number of degrees earned in biology is indicated in Table 1.

The rapid increase in student enrollments in biology is indicated in Tables 3 and 4, and Figure 1.

This enrollment has been accommodated to a large extent by the increase in student-teacher ratio for the Department of Biology as diagramed in Figure 4.

The cost of instruction (faculty salaries) per semester hour is tabulated in Table 5 and has not increased appreciably over the past years, the cost of instruction at all levels never approaching the formula recommendation for undergraduate instruction. During the same periods, programs at the master's and doctoral level have been implemented, and the number of graduate students has increased as reported in Table 7.

The operational cost of the Department per semester hour is recorded in Table 6, and has not increased appreciably during the past years. The cost for all levels of instruction in biology has been less than 50% of the recommended formula for undergraduate instruction in the sciences.

The additional funds that would have been available to instructional salaries of the Department if budget allocations could have followed formula recommendations is recorded in Figure 2.

The increase in the undergraduate and graduate majors may be observed in Table 7.

The improvement in quantity and quality of the graduate faculty and the increase in support of teaching assistants is evident in Figure 3. The full time faculty is recorded in Table 2, followed by the publication record of the faculty.

The success in acquiring space for programs in biology is reflected in Figure 5.

The increase in support for research by state, local, and private agencies is recorded in Table 8.

A large portion of the Departmental budget for maintenance, equipment, and travel has been spent on operation and maintenance of the Department and a much smaller portion has been spent to purchase capital equipment as indicated in Table 9. Continual evaluation of expenditures are required as the level of instructional courses change. The increase in the number of graduate courses offered is recorded in Table 10.

The Department of Biology has made remarkable progress in achieving its goal over the past ten years, but even more progress must be accomplished in the future. Projections of student enrollment during the next five years are given in Table 11. The basis for continual assessment of requirements for faculty, space, and facilities is determined in part from these projections.

Five Year Goals

On February 14, 1966, The Coordinating Board, Texas College and University System recommended with certain exceptions that "all doctorate programs within the Texas College and University System shall be limited to:

The University of Texas

Texas A & M University

Texas Technological College

The University of Houston".

Dr. Grover E. Murray, President of Texas Technological College, has indicated that Texas Technological College shall become a center for study of problems associated with arid and semi-arid lands and has implemented this plan by the creation of ICASALS. The faculty has supported this idea. Much of the research of the biology faculty is related to the plants and animals of arid and semi-arid lands and to playas within these areas.

During the past few years The Coordinating Board, Texas College and University System has encouraged the opening of additional junior colleges in Texas, particularly in or near metropolitan areas. The opening of these junior colleges has reduced the rate of growth of freshman and sophomore enrollments at Texas Technological College and in this Department. On the other hand, the rate of increase of enrollments at the upper class level and graduate level has increased in the Department of Biology. The rate of increase will be accelerated in the future.

In light of the three developments described above, the faculty of the Department of Biology has reevaluated the present position of the Department and the objectives necessary to maintain its goal of improving its role in the teaching, research and public service areas of the college.

The faculty of the Department realizes that a strong graduate program in biology is essential to the role of Texas Technological College in a university

system, that many of the problems of arid lands are biological in nature, and that the shift in levels of instruction from the freshman level to the upper undergraduate level and graduate instruction may become quite expensive in regard to funds and faculty time.

An evaluation of the present conditions of the Department, indicates that tremendous progress has been made in teaching, research, and public service during the past ten years.

1. Faculty members have been recruited in 10 of the 16 areas listed as necessary by the faculty. Areas of recruitment during the next five years should include eight faculty members recruited in the following areas; developmental biology, radiation biology, microbial physiology, ethology, population ecology, cell physiology, vertebrate physiology, and virology.

The recruitment of faculty in these areas will fill all of the space originally planned for the Department of Biology in the new Biology Building. During the next five years the space presently designated as general space and certain other space must be altered to accommodate the anticipated growth of the faculty in both number and quality.

Salary support for the additional faculty may be justified by the enrollment increase at the upper undergraduate level and at the graduate level and by a reduction of the student-teacher ratio in biology (Table 11). However, increasingly the research activities of the faculty should receive support from funds other than teaching salaries.

2. The undergraduate curriculum in biology is strong at the present time. The capable students who have majored in biology have been quite successful in Graduate School and other professional schools. However, the curriculum should receive constant study by the faculty to determine what changes should be made to insure that the information the student receives is current and accurate, that the communication and relationship between the faculty and the student are the best

that can be provided, utilizing the present resources, that students are stimulated in the learning progress, and that the implementation of the curriculum provides time for faculty research and development. This study will emphasize the following areas:

a. The two freshman courses, general botany and general zoology, should be studied to see if they should continue to be taught as separate courses, or if they should be integrated into a general biology course. Principles to be emphasized and methods of presentation should be reviewed.

b. The core curricula of the three major fields in the Department should be reviewed to determine what modifications should be made.

c. The upper level undergraduate courses should be studied to determine if a reorganization of present courses and the addition of new courses should be made.

These curriculum studies may be made by the present faculty, or, if help is needed, the service of off-campus consulting agencies may be requested.

3. The graduate areas of study must receive constant review as new faculty members are added and as the number of masters and doctoral candidates increases.

4. The research activity of the faculty and students must be supported, strengthened and increased. The areas of research to be emphasized will depend to a large extent upon the faculty that can be recruited and retained. Within the next five years a great deal of flexibility will exist in research areas. The new biology building has been planned with this flexibility in mind. This flexibility of the faculty could necessitate the acquisition of additional field study areas.

Several members of the faculty of the Department of Biology, competent in teaching and research, have been attracted by and have moved to other institutions such as the University of Michigan, the University of Missouri, the University of Texas Southwestern Medical School, the Bishop Museum, and the National Cotton Council of America. Because emphasis has been placed upon individual research

rather than upon team research, when each scientist moved he took the entire program with him. Efforts to fill these vacancies with scientists whose interests are in the same general area of study have led to the recruitment of capable scientists, but the research interests of the new scientists have differed from those of the original ones. This variance is not, necessarily, regrettable. In some cases it may be desirable. A desirable result of recruitment should be the addition of faculty with imagination and industry who are able and willing to conduct research which leads to publication and who will attract capable students to study with them. When a scientist consistently publishes the results of his work he develops a reputation which may be regional, national, or world-wide. If the reputation is good, hopefully, he will attract students to study with him who may develop into capable teachers and research scientists. The increase in number of scientists of this caliber and the increase in number of capable graduate students attracted will foster the reputation of the Department and extend this reputation regionally, nationally and world-wide. The eminence that this Department will enjoy in the future will depend upon the number of such scientists attracted, retained, and supported. Current areas of research that will receive additional emphasis in the future may be envisioned by a study of the bibliography which accompanies this report.

Ten Year Goals

If resources become available to support the continued growth and development of the Department and if the faculty remains imaginative, energetic, and productive, within the next ten years the faculty should have designed and should have been assured funds for a research building probably built as an addition to the new facility to be occupied in 1969. The design of this research addition will be developed as requirements of future experimental equipment change and as emphasis in new and existing areas of study change. The possible role of non-teaching research scientists should be explored.

Support for Goals

The support for the accomplishment of the goal discussed must be provided. Most of the increased support must come from the Legislature. The request for the 1969-71 biennium includes a request for a three-fold increase in funds for departmental operation. This increase is mandatory in view of the facts, that past budgets have been totally inadequate for the purchase of necessary capital equipment, that the occupation of the new facility will require funds to maintain everything from typewriters to an electron microscope, that some of the present equipment will become obsolete, and that the amount requested is relevant to the formula yield proposed by two groups charged with a study of higher education in Texas, The Texas Commission on Higher Education and The Coordinating Board, Texas College and University System. Budget support for teaching salaries and for departmental operation in biology has been approximately 50 per cent of the recommended formula yield. The lack of such budget support may produce a crisis within the Department. Certainly, this lack of adequate support has been the cause of some unrest among the present faculty in the Department.

Neither the Department nor the College can attain a place of eminence among the universities of the nation without adequate funding. Unfortunately, the provisions of increased funds will not assure excellence. A resourceful, creative, and industrious faculty must utilize these funds. Without adequate support, the faculty of the Department of Biology believes that excellence in the areas of teaching, research, and public service will be more difficult to attain and maintain.

Table 1.

Number of Degrees in the Laboratory Sciences By Major and Year

MAJOR	YEAR																						
	1927	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49
Biology baccalaureate																							
Bacteriology																							
Biology (B.S.Ed.)			2	2	4	1	1						2	2									
Botany			1		1		2		2	1	2		1	2	3	1	2		1	1			
Medical technology																							
Microbiology																							
Zoology		1					4		8	7	4	4	9	9	9	5	6	2	6	3	6	8	16
Sub total Biology	0	1	3	2	5	1	7	0	10	8	6	4	12	13	12	6	8	2	7	4	6	8	19
Biology graduate																							
Botany													1										
Microbiology																							
Zoology																							
Total Biology	0	1	3	2	5	1	7	0	10	8	6	4	13	13	12	6	8	2	7	4	6	8	19
Chemistry baccalaureate	1	1	9	7	11	9	12	7	5	17	8	14	7	9	19	14	7	3	6	10	9	19	34
Chemistry (B.S.Ed.)										1			1										
Chemistry graduate						2	1		1		1	1		1		1					1	1	2
Geoscience baccalaureate	1	1	3	6	5	4	5	4	2	5	2	12	8	14	9	7	2	2	1	4	11	12	
Geoscience (B.S.Ed.)																							
Geoscience graduate						1			1	2	2	1	6	2	1	2					3		2
Physics baccalaureate		1	1	2	1	3	2	1				3		1	1		2	2	2		1	5	5
Physics (B.S.Ed.)																							
Physics graduate			1			1		2	1	1					1								1
Total Sciences	2	4	17	17	22	21	27	14	20	34	19	35	35	40	43	30	19	9	16	18	31	45	64

Table 1 (cont.)

Number of Degrees in the Laboratory Sciences By Major and Year

MAJOR	YEAR 1950	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	Totals 1927-68
Biology baccalaureate																				
Bacteriology							3	1	1	2	1	7	4	2	11	9	9	12	0	62
Biology (B.S.Ed.)	1	5	2				1		2	3	1	3		5	4	9	3	6	11	70
Botany	1	1	1			1			1	1	1	1					3	2	4	40
Medical technology																	2	3	6	11
Microbiology																		9	12	21
Zoology	16	6	10	7	4	8	3	6	5	7	5	7	8	11	7	16	24	16	34	307
Sub total Biology	18	12	13	7	4	9	7	7	9	13	8	18	12	18	22	34	41	48	67	511
Biology graduate																				
Botany	3	2	1				1					1	2	1	3	3	4	1	7	30
Microbiology																			1	1
Zoology	4	6			2	4	4	1	2	4	2	4	4	7	4	7	8	7	6	77
Total Biology	25	20	14	7	6	13	12	8	11	17	10	23	18	26	29	44	53	56	81	618
Chemistry baccalaureate	26	24	9	14	10	21	11	21	16	24	21	29	26	22	29	25	38	29	27	660
Chemistry (B.S.Ed.)	1				1	1														6
Chemistry graduate	3	2	1	2	2	1		5	5	3	3	3	6	8	8	9	12	6	6	97
Geoscience baccalaureate	2	2	1		6	5	10	41	46	50	37	29	13	10	5	7	14	13	12	423
Geoscience (B.S.Ed.)			1																	1
Geoscience graduate	13	4		4	5	4	4	2	6	7	8	5	3	4	3	1	4	6	6	112
Physics baccalaureate	5	4	5	2	3	3	5	6	5	8	16	5	12	7	7	8	1	9	9	153
Physics (B.S.Ed.)				1																1
Physics graduate	1					2				1	3	3	6		4	3	8	8	2	49
Total Sciences	76	56	31	30	33	50	42	83	89	110	98	97	84	77	85	97	130	127	143	2,120

Table 2.

INSTRUCTIONAL STAFF SINCE THE INCEPTION OF THE DEPARTMENT

Year	Professor	Associate Professor	Assistant Professor	Instructor
1925	Richard Arthur Studhalter, Head			Mrs. Ruth Studhalter
1926	Richard Arthur Studhalter, Head	Bessie Beakley League Edward Looman Reed		
1927	Richard Arthur Studhalter, Head	Milton Frederic Landwer Bessie Beakley League Edward Looman Reed		J. Welborn McKay
1928	Richard Arthur Studhalter, Head	Milton Frederic Landwer Bessie Beakley League Edward Looman Reed		J. Welborn McKay[1] Jesse Q Sealey Mrs. Ruth Studhalter
1929	Richard Arthur Studhalter, Head Edward Looman Reed	Mildred Bush[2] Milton Frederic Landwer Bessie Beakley League		Jesse Q Sealey Mrs. Ruth Studhalter
1930	Richard Arthur Studhalter, Head Edward Looman Reed	Helen Mathilde Boysen Milton Frederic Landwer Bessie Beakley League		Jesse Q Sealey Mrs. Ruth Studhalter Paul Dirks Voth
1931	Richard Arthur Studhalter, Head Edward Looman Reed	Helen Mathilde Boysen[3] Milton Frederic Landwer		Jesse Q Sealey Paul Dirks Voth[4]
1932	Richard Arthur Studhalter, Head Edward Looman Reed	Milton Frederic Landwer Bessie Beakley League		Jesse Q Sealey

1 J. Welborn McKay, resigned: To U. California and U.S. Exp. Stat., Beltsville, Md.
2 Mildred Bush, resigned: To Calif. State College, San Francisco.
3 Helen Boysen, resigned: To U. of Texas
4 Paul Dirks Voth, resigned: To University of Chicago

Year	Professor	Associate Professor	Assistant Professor	Instructor
1933	Richard Arthur Studhalter, Head Edward Looman Reed	Milton Frederic Landwer Bessie Beakley League		Jesse Q Sealey
1934	Richard Arthur Studhalter, Head Edward Looman Reed	Milton Frederic Landwer Bessie Beakley League		Donald Wickware Douglas Jesse Q Sealey
1935	Richard Arthur Studhalter, Head Edward Looman Reed	Milton Frederic Landwer Bessie Beakley League		Donald Wickware Douglas Jesse Q Sealey
1936	Richard Arthur Studhalter, Head Edward Looman Reed	Milton Frederic Landwer Bessie Beakley League	Jesse Q Sealey	Donald Wickware Douglas
1937	Richard Arthur Studhalter, Head Edward Looman Reed	Milton Frederic Landwer Bessie Beakley League	Jesse Q Sealey	Donald Wickware Douglas
1938	Richard Arthur Studhalter, Head Edward Looman Reed	Milton Frederic Landwer Bessie Beakley League	Jesse Q Sealey	Donald Wickware Douglas[5] Harold M. Hefley Harold Parker Pratt[6]
1939	Richard Arthur Studhalter, Head Edward Looman Reed	Milton Frederic Landwer Bessie Beakley League	Jesse Q Sealey	Harold M. Hefley Dean Roberts Parker
1940	Richard Arthur Studhalter, Head Edward Looman Reed	Milton Frederic Landwer Bessie Beakley League	Jesse Q Sealey	Harold M. Hefley Dean Roberts Parker Arlo I. Smith
1941	Richard Arthur Studhalter, Head Edward Looman Reed	Milton Frederic Landwer Bessie Beakley League	Jesse Q Sealey	Harold M. Hefley Dean Roberts Parker Arlo I. Smith
1942	Richard Arthur Studhalter, Head Edward Looman Reed	Milton Frederic Landwer Bessie Beakley League	Jesse Q Sealey[7]	Harold M. Hefley Dean Roberts Parker Arlo I. Smith[7]

5 Donald W. Douglas, resigned: To Wildlife Service, Michigan
6 Harold P. Pratt, resigned: To Colorado Conservation Department
7 Jesse Q Sealey and Arlo I. Smith, on leave: To Armed Services

Year	Professor	Associate Professor	Assistant Professor	Instructor
1943	Richard Arthur Studhalter, Head Edward Looman Reed	Milton Frederic Landwer Bessie Beakley League		Harold M. Hefley Dean Roberts Parker
1944	Richard Arthur Studhalter, Head Edward Looman Reed[8]	Milton Frederic Landwer Bessie Beakley League[9]	Harold M. Hefley Dean Roberts Parker	Earl D. Camp
1945	Richard Arthur Studhalter, Head	Milton Frederic Landwer	Harold M. Hefley[10] Dean Roberts Parker	Earl D. Camp Arlo I. Smith[11]
1946	Richard Arthur Studhalter, Head	Milton Frederic Landwer	Dean Roberts Parker[12] Jesse Q Sealey	Earl D. Camp Mrs. Maxine Ford Foreman Leta Jane Holman Leonard Leroy Jansen Fred Bixler Widmoyer
1947	Richard Arthur Studhalter, Head	Milton Frederic Landwer	Jesse Q Sealey	Earl D. Camp Polly Imogene Cook Willis Bernard Gunn Leta Jane Holman Leonard Leroy Jansen Fred Bixler Widmoyer
1948	James Cecil Cross, Head Russell William Strandtmann Richard Arthur Studhalter	Milton Frederic Landwer Jesse Q Sealey	Earl D. Camp	Polly Imogene Cook Edna Dudgeon Leta Jane Holman Fred Bixler Widmoyer
1949	James Cecil Cross, Head Milton Frederic Landwer Russell William Strandtmann Richard Arthur Studhalter	Jesse Q Sealey		Polly Imogene Cook Willis Bernard Gunn Leta Jane Holman Fred Bixler Widmoyer

8 Edward L. Reed, resigned: ill health
9 Bessie B. League, resigned: To Texas Woman's University.
10 Harold M. Hefley, resigned: To Okla. Panhandle A&M.
11 Arlo I. Smith, resigned: To University of Tennessee
12 Dean Robert Parker, resigned: To University of California, Riverside, Associate Dean of Science

Year	Professor	Associate Professor	Assistant Professor	Instructor
1950	James Cecil Cross, Head Milton Frederic Landwer Russell William Strandtmann Richard Arthur Studhalter	Jesse Q Sealey	Earl D. Camp	Leta Jane Holman John David McLean Polly Cook Tilton
1951	James Cecil Cross, Head Milton Fredric Landwer Russell William Strandtmann Richard Arthur Studhalter	Jesse Q Sealey	Earl D Camp	Leta Jane Holman John David McLean Polly Cook Tilton
1952	James Cecil Cross, Head Milton Frederic Landwer Russell William Strandtmann Richard Arthur Studhalter	Jesse Q Sealey	Earl D. Camp	Leta Jane Holman Helen Janet Stafford
1953	James Cecil Crsoo, Head Milton Frederic Landwer Russell William Strandtmann Richard Arthur Studhalter	Jesse Q Sealey Earl D. Camp		Leta Jane Holman Helen Janet Stafford
1954	James Cecil Cross, Head Milton Frederic Landwer Russell William Strandtmann Richard Arthur Studhalter	Earl D. Camp Jesse Q Sealey		Mary Frances Duran Leta Jane Holman Helen Janet Stafford
1955	James Cecil Cross, Head Milton Frederic Landwer Russell William Strandtmann Richard Arthur Studhalter	Earl D. Camp Jesse Q Sealey		Mary Frances Duran Leta Jane Holman
1956	James Cecil Cross, Head Milton Frederic Landwer Jesse Q Sealey Russell William Strandtmann Richard Arthur Studhalter	Earl D. Camp	Paul Verdayne Prior Vernon Willard Proctor	Mary Frances Duran Leta Jane Holman Edwin Keith Longpre Virginia Casterton Riggs Polly Cook Tilton

Year	Professor	Associate Professor	Assistant Professor	Instructor
1957	James Cecil Cross, Head Milton Frederic Landwer Jesse Q Sealey Russell William Strandtmann Richard Arthur Studhalter[13]	Earl D. Camp	Paul Verdayne Prior Vernon Willard Proctor Chester Morrison Rowell Donald Ward Tinkle	Thomas G. Barr Mary Frances Duran Gail Tyson Henderson Virginia Casterton Riggs Polly Cook Tilton
1958	James Cecil Cross, Head Milton Frederic Landwer Jesse Q Sealey Russell William Strandtmann	Elsie Bodemann Earl D. Camp	Paul Verdayne Prior Vernon Willard Proctor Chester Morrison Rowell Donald Ward Tinkle	Derl Len Brooks Billy Glenn Cumbie Mary Frances Duran Gail Tyson Henderson Virginia Casterton Riggs Polly Cook Tilton
1959	Earl D. Camp, Head James Cecil Cross Milton Frederic Landwer Jesse Q Sealey Russell William Strandtmann	Elsie Bodemann Paul Verdayne Prior	Billy Glenn Cumbie Lyle Carlton Kuhnley Vernon Willard Proctor Chester Morrison Rowell Donald Ward Tinkle	Mary Frances Duran Gail Tyson Henderson Virginia Casterton Riggs Polly Cook Tilton
1960	Earl D. Camp, Head James Cecil Cross Milton Frederic Landwer Jesse Q Sealey Russell William Strandtmann	Elsie Bodemann Paul Verdayne Prior	Billy Glenn Cumbie[14] Ellis Wright Huddleston Lyle Carlton Kuhnley Dale James Osborne[15] Vernon Willard Proctor Chester Morrison Rowell Donald Ward Tinkle	Gail Tyson Henderson Virginia Casterton Riggs Polly Cook Tilton
1961	Earl D. Camp, Head James Cecil Cross Milton Frederic Landwer Jesse Q Sealey Russell William Strandtmann	Elsie Bodemann Paul Verdayne Prior Vernon Willard Proctor Donald Ward Tinkle	Arthur McAuley Elliot Ellis Wright Huddleston Lyle Carlton Kuhnley Henry Howard McCully[16] Chester Morrison Rowell	Maxine Ford Foreman Gail Tyson Henderson Virginia Casterton Riggs Polly Cook Tilton

13 Deceased, 1958
14 Billy G. Cumbie, resigned: To University of Missouri
15 Dale J. Osborne, one year appointment
16 Henry H. McCully, one year appointment

Year	Professor	Associate Professor	Assistant Professor	Instructor
1962	Earl D. Camp, Head James Cecil Cross Milton Frederic Landwer Paul Verdayne Prior Jesse Q Sealey	Elsie Bodemann Hugh Alan Ells Vernon Willard Proctor Donald Ward Tinkle	Lewis Eugene Aldrich[17] Arthur McAuley Elliot Ellis Wright Huddleston Rolf Eugene Huff Lyle Carlton Kuhnley Robert Lewis Packard Chester Morrison Rowell Benjamin Dwain Vance[18]	Gail Tyson Burrier Maxine Ford Foreman Virginia Casterton Riggs Polly Cook Tilton
1963	Earl D. Camp, Head James Cecil Cross Milton Frederic Landwer Paul Verdayne Prior Vernon Willard Proctor Jesse Q Sealey Russell William Strandtmann Donald Ward Tinkle	Elsie Bodemann	Archie Cornelious Allen Arthur McAuley Elliot Ellis Wright Huddleston Rolf Eugene Huff Lyle Carlton Kuhnley Mildred Eileen Lowe Landy James McBride[19] Robert Lewis Packard Jia-Hsi Wu	Polly Cook Tilton
1964	Earl D. Camp, Head James Cecil Cross Milton Frederic Landwer Paul Verdayne Prior Vernon Willard Proctor Jesse Q Sealey Russell William Strandtmann Donald Ward Tinkle[20]	Elsie Bodemann	Archie Cornelious Allen Murray Whitfield Coulter Arthur McAuley Elliot Ellis Wright Huddleston Rolf Eugene Huff Lyle Carlton Kuhnley Harold Loyd Lewis Mildred Eileen Lowe Robert Lewis Packard Chester Morrison Rowell Jia-Hsi Wu[21]	Janet Jones Myrick Polly Cook Tilton

17 Lewis E. Aldrich, one year appointment
18 Benjamin D. Vance, one year appointment
19 Landy J. McBride, one year appointment
20 Donald W. Tinkle, resigned: To University of Michigan
21 Jia-Hsi Wu, resigned

Year	Professor	Associate Professor	Assistant Professor	Instructor
1965	Earl D. Camp, Head Elsie Bodemann James Cecil Cross[22] Milton Frederic Landwer[23] Paul Verdayne Prior Vernon Willard Proctor Jesse Q Sealey Russell William Strandtmann	Lyle Carlton Kuhnley Mildred Eileen Lowe John Stephan Mecham Robert Lewis Packard	Archie Cornelious Allen Murray Whitfield Coulter Arthur McAuley Elliot Rolf Eugene Huff Harold Loyd Lewis Robert Wetsel Mitchell Chester Morrison Rowell Michael Kent Rylander	Herschel Whitaker Garner Polly Cook Tilton
1966	Earl D. Camp, Head Elsie Bodemann[24] Paul Verdayne Prior Vernon Willard Proctor Jesse Q Sealey	Arthur McAuley Elliot Lyle Carlton Kuhnley Mildred Eileen Lowe John Stephen Mecham Robert Lewis Packard	Archie Cornelious Allen Murray Whitfield Coulter Gerald Art Greenblatt Rolf Eugene Huff Constantine D. Kastritsis[25] Harold Loyd Lewis Robert Wetsel Mitchell Francis Lewis Rose Chester Morrison Rowell Michael Kent Rylander James Robert Wall	Lawrence Turner Collins Polly Cook Tilton Nancy Huber Turner
1967	Earl D. Camp, Head Robert Lewis Packard Paul Verdayne Prior Vernon Willard Proctor Jesse Q Sealey[26] Russell William Strandtmann[27]	Archie Cornelious Allen Murray Whitfield Coulter Arthur McAuley Elliot Lyle Carlton Kuhnley Harold Loyd Lewis[28] Mildred Eileen Lowe John Stephen Mecham Chester Morrison Rowell James Robert Wall	Robert James Baker John Edwin George Robert Wayne Gorden Gerald Art Greenblatt Robert Wetsel Mitchell Francis Lewis Rose Michael Kent Rylander Polly Cook Tilton	

22 James C. Cross, retired: Professor Emeritus
23 Milton Frederic Landwer, retired: Professor Emeritus
24 Elsie Bodemann, retired
25 Constantine D. Kastritsis, resigned
26 Jesse Q Sealey, retired
27 Russell W. Strandtmann, resigned: To Bishop Museum, Honolulu, Hawaii
28 Harold L. Lewis, resigned: To National Cotton Council of America, Memphis, Tennessee

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Earl D. Camp, Professor and Chairman

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Vernon W. Proctor, Professor

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Table 3.

Fall Semester Credit Hours in the Laboratory Sciences, 1958 - 1967

	Year									
	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967
Biology										
Lower courses	4,242	4,530	6,093	7,331	8,394	9,484	10,618	12,366	12,233	12,410
Upper courses	552	570	716	681	720	1,066	1,339	1,415	1,574	1,594
Graduate	9	12	57	42	21	54	135	112	188	[illegible]
Total	4,803	5,112	6,866	8,054	9,135	10,604	12,092	13,893	13,995	14,280
Chemistry										
Lower courses	6,416*	4,916	5,137	5,702	5,543	5,262	6,054	6,904	8,026	7,123
Upper courses	1,490	1,681	1,605	1,343	1,422	1,690	1,554	1,849	2,002	2,274
Graduate	90	64	111	126	163	262	395	297	277	240
Total	7,996	6,580	6,853	7,171	7,128	7,214	8,003	9,050	10,305	9,637
Geoscience										
Lower courses	2,287	2,277	1,985	2,625	3,232	3,452	4,014	5,057	5,506	5,138
Upper courses	909	728	411	231	198	195	198	261	423	426
Graduate	57	63	57	71	109	56	97	127	162	179
Total	3,253	3,068	2,453	2,927	3,539	3,703	4,309	5,445	6,091	5,743
Physics										
Lower courses	3,916	3,440	2,606	2,591	3,259	3,052	3,712	4,145	3,256	3,864
Upper courses	471	489	406	503	382	443	379	222	332	325
Graduate	54	76	95	71	64	66	111	202	223	297
Total	4,441	4,005	3,107	3,165	3,705	3,561	4,202	4,569	3,811	4,486

*Department of Chemistry and Chemical Engineering in 1958, subsequently two departments.

Table 4.

Fall Semester Registrations in the Laboratory Sciences, 1958 - 1967

	Year									
	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967
Biology										
Lower courses	1,414	1,510	1,596	1,910	2,194	2,472	2,755	3,199	3,134	3,128
Upper courses	189	190	244	227	240	366	465	497	560	550
Graduate	3	4	19	14	7	18	55	44	75	
Total	1,606	1,704	1,859	2,151	2,441	2,856	3,275	3,740	3,769	3,788
Chemistry										
Lower courses	1,712*	1,278	1,355	1,456	1,426	1,338	1,548	1,761	2,050	1,773
Upper courses	679	415	410	333	343	425	380	455	670	782
Graduate	47	28	45	54	67	96	153	121	109	86
Total	2,438	1,721	1,810	1,843	1,836	1,859	2,081	2,337	2,829	2,641
Geoscience										
Lower courses	603	574	498	658	808	870	1,008	1,274	1,410	1,317
Upper courses	303	242	137	77	66	65	66	87	141	141
Graduate	19	21	19	27	40	23	32	45	55	[illegible]1
Total	925	837	654	762	914	958	1,106	1,406	1,606	1,529
Physics										
Lower courses	1,617	1,428	1,073	1,015	1,127	763	928	1,042	814	966
Upper courses	151	183	158	195	148	175	143	82	124	117
Graduate	18	30	35	27	26	25	48	78	82	108
Total	1,786	1,641	1,266	1,237	1,301	963	1,119	1,202	1,021	1,191

*Department of Chemistry and Chemical Engineering in 1958, subsequently two departments.

Table 5.

Cost Analysis of Expenditure per Semester Hour (all levels) in the Department of Biology, for Teaching Salaries

Year	Semester Hours Taught Fall	Spring	Total	Teaching Salaries Budgeted for Academic year	Cost per Semester Hour	Formula cost (science) per semester Hour - Texas Commission on Higher Education or Coordinating Board, Texas College and University System		
						Bachelor	Master	Doctoral
1958-1959	4,803	3,641	8,444	$ 100,700	$ 11.92			
1959-1960	5,112	4,148	9,280	105,000	11.31			
1960-1961	6,866	5,597	12,463	117,812	9.45			
1961-1962	8,054	7,175	15,229	129,350	8.50	$ 11.77	$45.53	
1962-1963	9,135	8.077	17,212	150,445	8.74	$ 12.50	$48.55	$109.25
1963-1964	10,064	8,583	18,647	183,729	9.85			
1964-1965	12,093	10,271	22,364	217,275	9.71			
1965-1966	13,893	12,016	25,909	260,375	10.43			
1966-1967	13,995	11,360	25,355	280,414	11.06			
1967-1968	14,280	11,976	26,256	330,900	12.60	$ 15.83	$69.88	$210.45

Cost Analysis of Expenditure per Semester Hour (all levels) in the Department of Biology for Classified Personnel, Student Assistants, and Part-time Help and for Maintenance, Equipment and Travel.

Year	Enrollment - Semester Hours				Total	Budget for Help		Budget for Maintenance, Equipment and Travel		Total Departmental operational expenses cost per Semester Hour
	Fall	Spring	Summer 1st Term	Summer 2nd Term		Amount Budgeted	Cost per Semester Hour	Amount Budgeted	Cost per Semester hr.	
1958-1959	4,803	3,641	255	183	8,882	$ 7,880	$.88	$12,545	$1.41	$2.29
1959-1960	5,112	4,168	888	261	10,429	9,750	.93	15,070	1.45	2.38
1960-1961	6,866	5,597	1,017	473	13,953	10,250	.73	21,190	1.52	2.25
1961-1962	8,054	7,175	1,159	129	16,517	13,480	.82	22,000	1.33	2.15
1962-1963	9,135	8,077	1,239	359	18,810	14,434	.82	26,000	1.38	2.20
1963-1964	10,064	8,583	1,279	351	20,277	16,540	.82	37,000	1.82	2.64
1964-1965	12,093	10,271	1,420	358	24,142	16,360	.68	39,000	1.61	2.29
1965-1966	13,893	12,016	1,516	356	27,781	24,140	.87	50,500	1.82	2.69
1966-1967	13,995	11,360	1,601	435	27,391	24,440	.89	50,500	1.84	2.73
1967-1968	14,280	11,976	1,530*	570*	28,356	27,540	.97	57,500	2.03	3.00

Recommended Formula, Departmental Operating Expense (Science)

	Undergraduate	Masters	Doctor
1965-1966**	6.00	20.00	90.00
1966-1967**	6.30	21.00	94.50
1967-1968***	6.62	22.05	99.23

* Estimated
** Texas Commission on Higher Education
*** The Coordinating Board, Texas College and University System

Table 7.

Fall Semester Majors, 1958-1967

Major	1958		1959		1960		1961		1962		1963		1964		1965		1966		1967	
	Under Grad.	Grad	Under Grad.	Grad	Under Grad.	Grad	Under Grad.	Grad	Under Grad.	Grad	Under Grad.	Grad	Under Grad.	Grad	Under Grad.	Grad	Under Grad.	Grad	Under Grad.	Grad
Bact. (MBio)	17	1	20	0	25	0	22	0	21	0	36	0	45	1	45	3	49	3	38	9
Biology	16	6	14	0	17	7	30	14	37	2	53	4	76	13	80	3	93	6	102	11
Botany	3	1	4	3	2	3	4	4	4	3	6	8	13	10	5	1	6	8	10	6
Med. Tech.													34	0	58	0	69	0	78	0
Zoology	18	4	20	5	29	6	24	6	37	7	45	12	47	18	80	24	66	25	93	23
Total Biology	54	12	58	8	73	16	80	24	99	12	140	24	215	42	268	31	283	42	321	49
Chemistry	98	16	95	17	103	19	112	24	140	28	117	45	145	39	185	40	135	45	125	31
Geology	190	18	121	16	61	11	47	13	36	12	32	11	47	13*	61	20**	71	25**	75	27***
Physics	92	10	91	10	78	11	96	8	72	9	65	13	51	19	72	27	69	31	71	30
Pre-Med****	171	2	148	0	177	3	232	0	302	0	359	1	347	0	408	0	470	3	433	2

* Includes Geology and Geophysics.

** Includes Geology, Geochemistry, and Geophysics.

*** Includes Geology, Geochemistry, Geophysics, and Geography.

**** Includes Pre-medical, Pre-dental, Pre-pharmacy, and other para-medical majors.

Table 8.

Distribution and Availability of Research Funds

	1966-67		1967-68	
	$	% of Total	$	% of Total
Biology				
DSORF	14,481	12.7	18,092	9.3
OSF	5,881	5.1	9,318	4.8
FF	68,599	60.0	126,190	64.6
PF	25,360	22.2	42,000	21.3
Total	114,321	100.0	195,600	100.0
Chemistry				
DSORF	2,690	2.0	8,550	2.3
OSF	3,788	2.7	8,000	2.1
FF	43,744	31.7	142,712	38.3
PF	88,031	63.6	213,560	57.3
Total	138,253	100.0	372,822	100.0
Geosciences				
DSORF	10,949	20.5	31,283	28.4
OSF	0	-	8,946	8.1
FF	42,449	79.5	69,600	68.5
PF	0	-	0	-
Total	53,398	100.0	109,829	100.0
Physics				
DSORF	11,688	20.4	20,673	10.8
OSF	0	-	20,883	10.9
FF	27,542	47.9	129,643	67.8
PF	18,200	31.7	20,000	10.5
Total	57,430	100.0	191,199	100.0

Table 9.

Department of Biology

ANALYSIS OF MAINTENANCE, EQUIPMENT, AND TRAVEL EXPENDITURES

	FISCAL YEAR - ACTUAL EXPENDITURES		
	1965-66	1966-67	1967-68 through 15 July 68
I. Operating Expenses			
Stores	$ 2,634.43	$ 2,398.15	$ 2,486.76
Central Whse.	1,163.24	737.01	393.70
Bldg. & Maint.	900.58	2,497.90	486.14
Vehicle Service	460.47	606.18	892.28
Vehicle Fuel	781.91	946.02	891.18
Library	646.17	761.90	718.57
Testing	307.96	347.22	364.61
Tech Press	355.15	418.90	150.55
Xerox Copy	161.10	346.02	656.63
Mimeograph	693.11	568.47	266.31
Postage	659.92	716.71	710.37
Telephone	904.09	1,002.18	3,182.47
Freight	89.62	158.23	312.00
Professional Exp.	685.00	616.00	770.00
Misc.	192.65	9.00	-
Subtotal I	$10,635.40	$12,129.89	$12,281.57
II. Laboratory Supplies			
Miscellaneous	$ 4,776.37	$ 6,406.28	$10,751.60
Glassware	4,911.33	6,096.45	4,621.74
Chemicals	1,691.62	2,071.76	2,814.24
Media	583.70	1,132.72	918.12
Prepared Slides	1,668.84	2,266.69	3,665.84
Projection Slides	41.54	39.12	61.56
Film (Purchase & Rental)	431.95	41.80	62.50
Living Materials	715.50	909.19	956.24
Preserved Materials	3,436.01	4,617.76	5,330.10
Models	145.00	227.00	24.54
Charts	21.75	3.00	-
Books	-	-	-
State Contract Items	1,941.02	1,233.90	1,080.39
Subtotal II	$20,364.63	$25,045.67	$30,286.87
III. Capital Equipment	$17,866.76	$15,939.52	$15,068.62
IV. Travel	$ 3,037.11	$ 2,434.61	$ 2,500.00
V. Deficit over Budgeted M.E.T.	($ 1,403.90)	($ 5,049.69)	($ 2,637.06)
Grand Total	$51,903.90	$55,549.69	$60,137.06
Amount Budgeted	$50,500.00	$50,500.00	$57,500.00

Table 10.

Courses Offered in Department of Biology 1959-1969

	1959-60	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	1967-68	1968-69
Biology										
Undergraduate	6	6	6	6	7	9	9	9	9	9
Graduate	0	0	0	0	0	3	3	6	7	7
Botany										
Undergraduate	10	10	10	10	9	7	7	8	7	7
Graduate	5	5	5	5	7	7	7	10	12	12
Microbiology (Bact.)										
Undergraduate	8	8	8	8	8	9	9	10	10	10
Graduate	0	0	0	0	0	2	2	4	5	5
Zoology										
Undergraduate	15	15	15	15	15	13	13	12	12	11
Graduate	5	5	5	5	6	7	7	13	17	18
Entomology										
Undergraduate	4	4	6	6	6	6	6	2	1	1
Graduate	0	0	0	0	2	2	2	0	0	0
Totals										
Undergraduate	43	43	45	45	45	44	44	41	39	38
Graduate	10	10	10	10	15	21	21	33	41	42
Grand total	53	53	55	55	60	65	65	74	80	80

Table 11.

Projections, Department of Biology

Year	Undergraduate Majors	Graduate Majors	Fall Semester Credit Hours	Full-time Teacher Equivalents	Full-time Student Equivalents	Student/Teacher Ratio
1967	321	49	14,280	33.5	952	28.42
1968	363	55	14,565*	35.8	971	27.1
1969	405	62	14,994*	41.8	1,000	23.9**
1970	446	68	15,422*	43.0	1,028	23.9**
1973	599	91	16,022*	44.7	1,068	23.9**
1978	835	127	17,478*	48.7	1,165	23.9**

* Prediction based on 2% increase per year, the average increase past 2 years.

** Request for lower ratio based upon ten year mean of student-teacher ratio in the School of Arts and Sciences. See Figure 4.

Figure 1.

SEMESTER HOURS IN THE LABORATORY SCIENCES

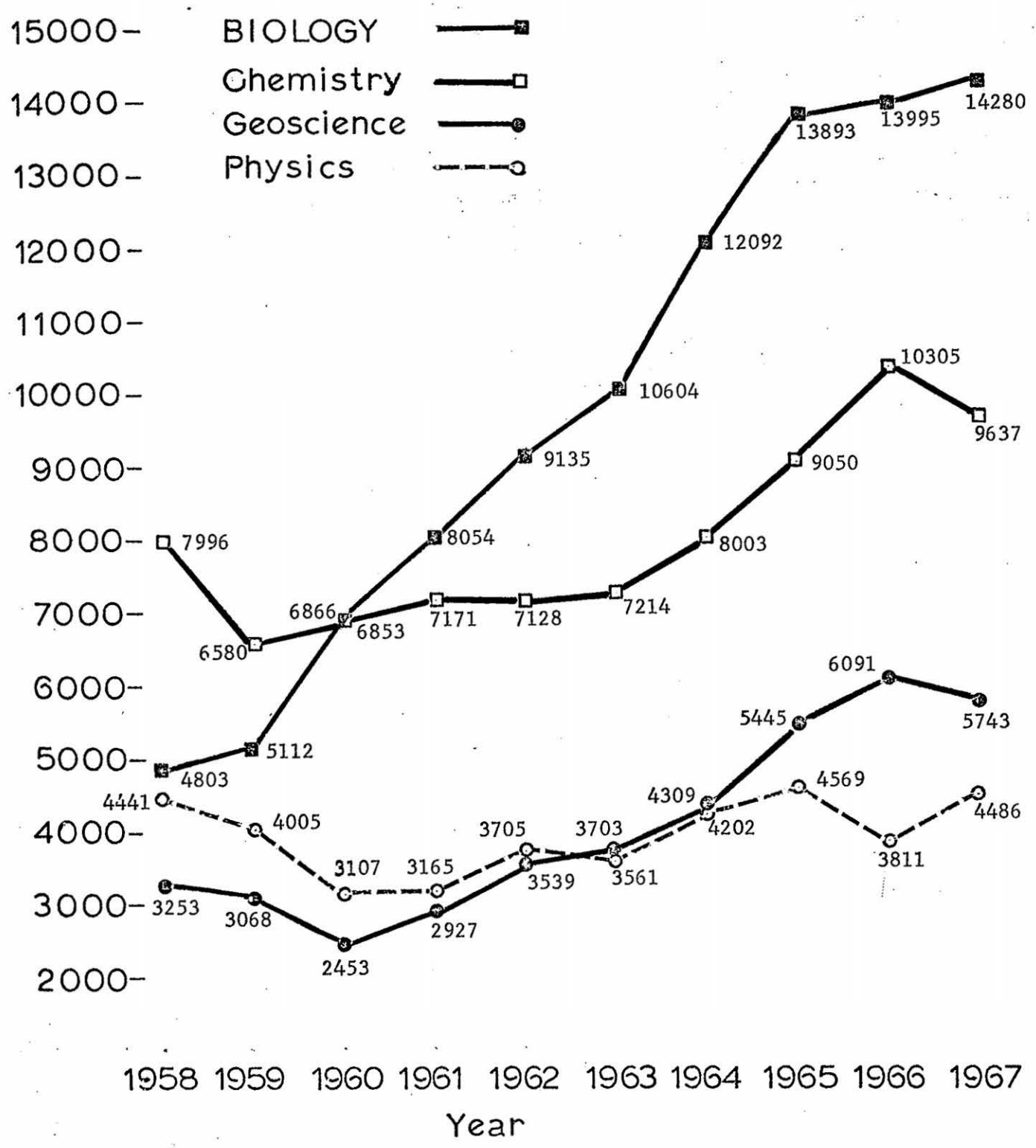
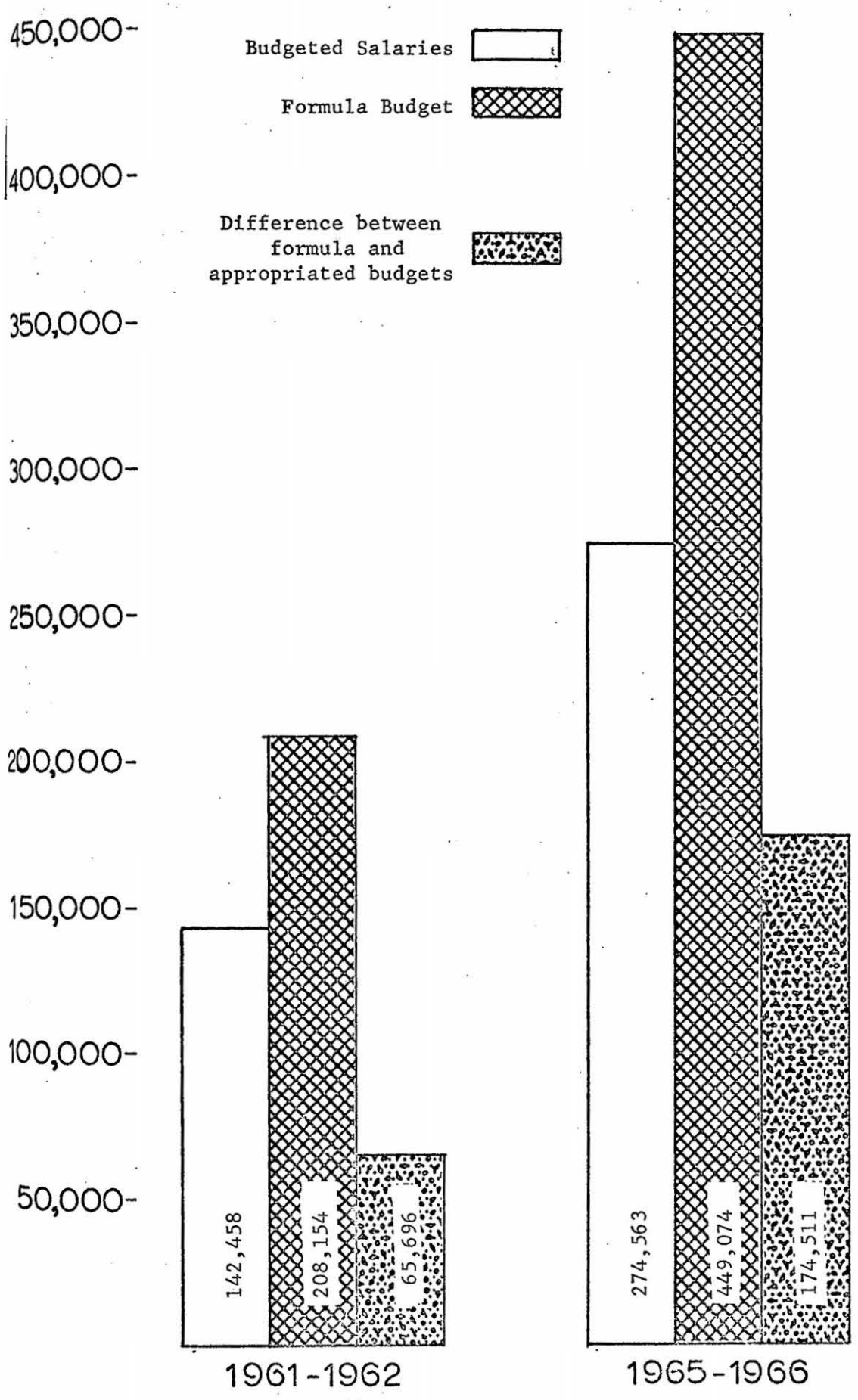


Figure 2.


450,000-
400,000-
350,000-
300,000-
250,000-
200,000-
150,000-
100,000-
50,000-
Budgeted Salaries
Formula Budget
Difference between formula and appropriated budgets
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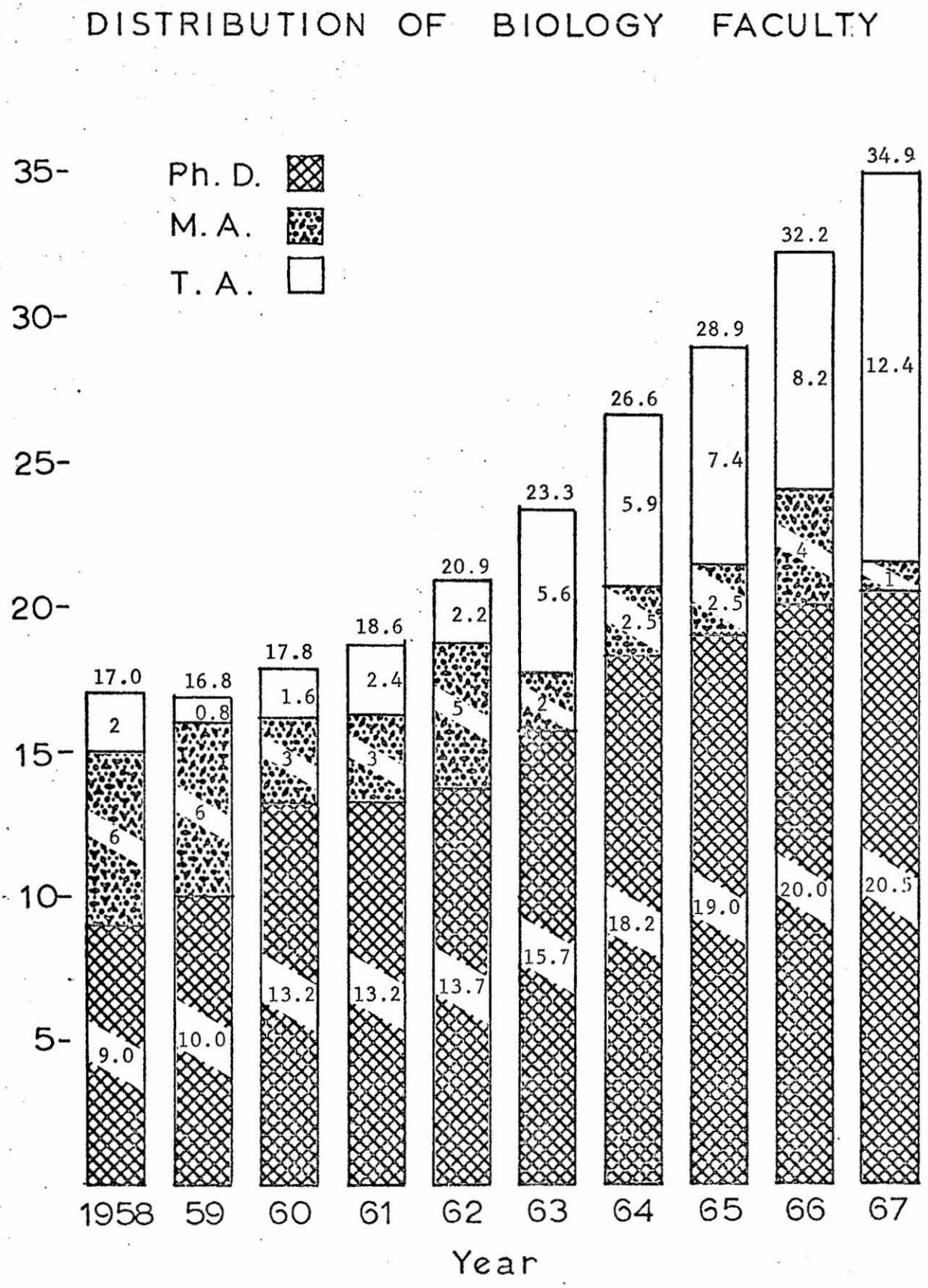
208,154
65,696
274,563
449,074
174,511
1961-1962
1965-1966


DISTRIBUTION OF BIOLOGY FACULTY
Ph. D.
M. A.
T. A.
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30-
25-
20-
15-
10-
5-
17.0
2
6
9.0
16.8
0.8
6
10.0
17.8
1.6
3
13.2
18.6
2.4
3
13.2
20.9
2.2
5
13.7
23.3
5.6
2
15.7
26.6
5.9
2.5
18.2
28.9
7.4
2.5
19.0
32.2
8.2
4
20.0
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20.5
1958
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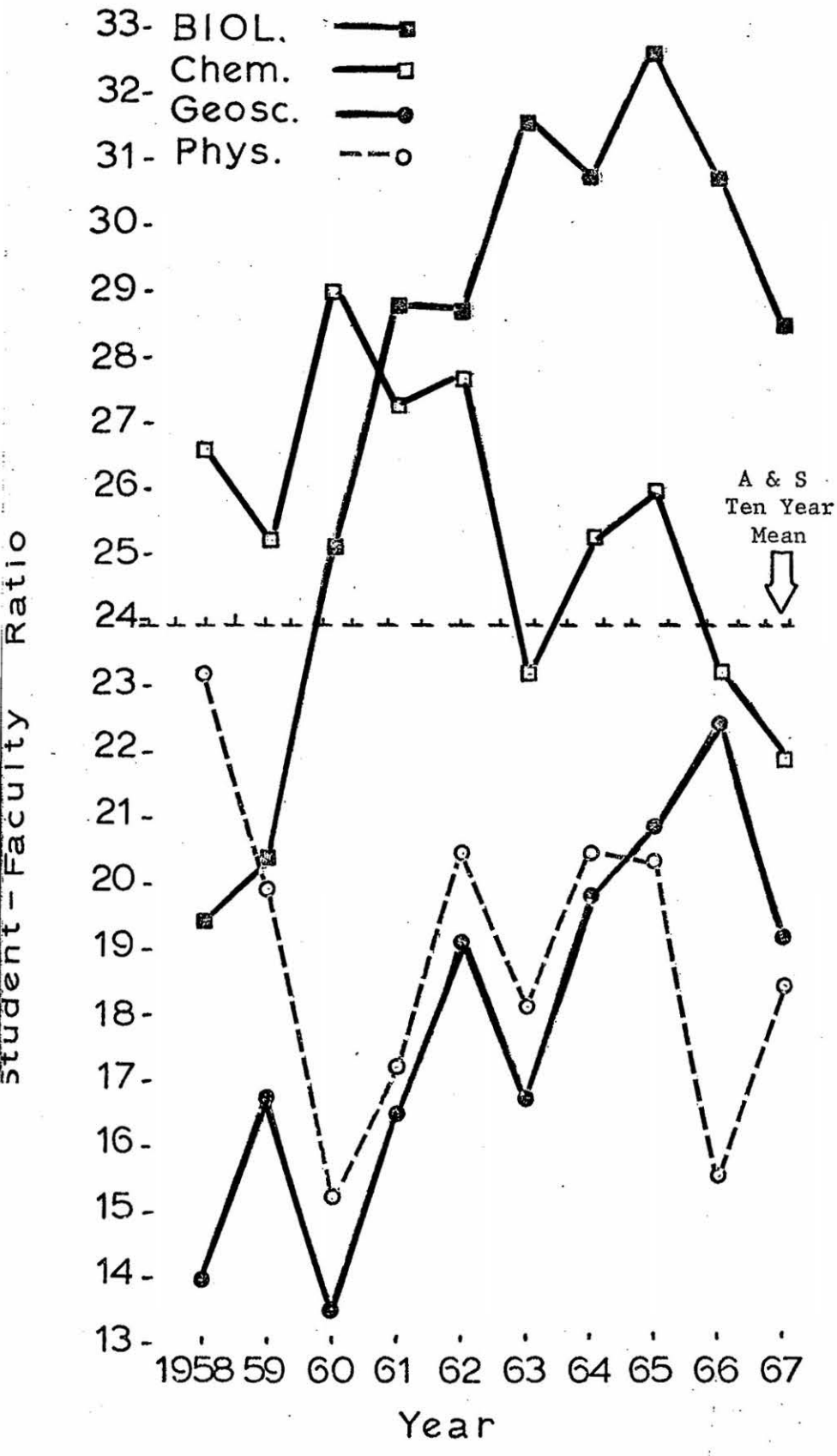
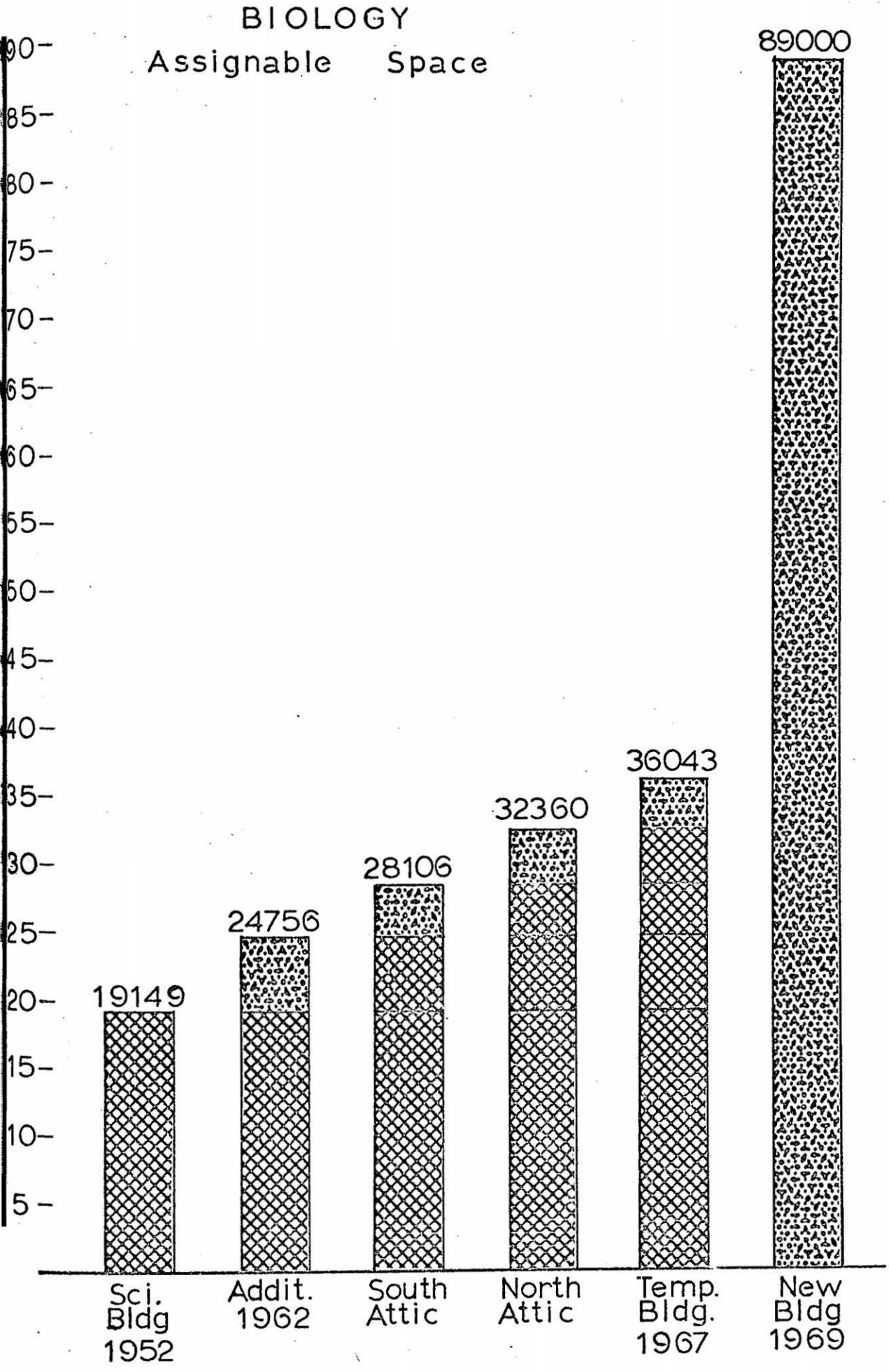
60
61
62
63
64
65
66
67
Year

Figure 4.


BIOL.
Chem.
Geosc.
Phys.
A & S
Ten Year
Mean
Student - Faculty Ratio
33
32
31
30
29
28
27
26
25
24
23
22
21
20
19
18
17
16
15
14
13
1958 59 60 61 62 63 64 65 66 67
Year


BIOLOGY
Assignable Space
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60
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40
35
30
25
20
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10
5
19149
24756
28106
32360
36043
89000
Sci. Bldg 1952
Addit. 1962
South Attic
North Attic
Temp. Bldg. 1967
New Bldg 1969