

THE UNIVERSITY OF TEXAS SYSTEM
Office of the Chancellor

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November 19, 1968

TO THE HONORABLE BOARD OF REGENTS
OF THE UNIVERSITY OF TEXAS SYSTEM

Mrs. Johnson and Gentlemen:

The dockets prepared by the component institutions listed below are herewith submitted with my recommendation for ratification or approval, as appropriate, at the meeting of the Board of Regents in Austin on December 13 - 14, 1968. The budget changes included in these dockets have been approved by me and are herewith submitted as a report to the Board of Regents.

- The University of Texas at Austin
- The University of Texas at Arlington
- The University of Texas at El Paso
- The University of Texas Medical Branch at Galveston
- The University of Texas Southwestern Medical School at Dallas
- The University of Texas Medical School at San Antonio
- The University of Texas Nursing School (System-wide)
- The University of Texas Dental Branch at Houston
- The University of Texas M. D. Anderson Hospital and Tumor Institute at Houston
- The University of Texas Graduate School of Biomedical Sciences at Houston--
Division of Graduate Studies
Division of Continuing Education
- The University of Texas School of Public Health at Houston

Listed below are Central Administration and institutional items which I recommend for the Board's ratification or approval, as appropriate, including my report of budget changes.

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GIFTS

The following gifts have been received. I recommend acceptance by the Board of Regents.

<u>Donor</u>	<u>Purpose and Condition</u>	<u>Amount</u>
1. Miss Ima Hogg Inwood Manor, Apt. 9-B 3711 San Felipe Road Houston, Texas 77027	Contribution to Chancellor's Council for one-third of the cost of a collection of American architecture books	\$5,000.00
2. *Lakeview Fund, Inc. c/o James A. Michener P. O. Box 125 Pipersville, Pa. 18947	For acquisition programs of the Michener Collection	25,000.00

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OFFICE OF THE CHANCELLOR

GIFTS (continued)

<u>Donor</u>	<u>Purpose and Condition</u>	<u>Amount</u>
3. *Lakeview Fund, Inc. c/o James A. Michener P. O. Box 125 Pipersville, Pa. 18947	For acquisition programs of Michener Collection	\$25,000.00
4. *Mrs. Mary Moody Northen 2618 Avenue J Galveston, Texas 77550	Unrestricted contribution to Chancellor's Council	1,000.00
5. *Dr. and Mrs. C. M. Phillips P. O. Box 817 Levelland, Texas 79336	Unrestricted contribution to Chancellor's Council, with one-half of gift to be directed to Galveston Medical Branch	1,000.00
6. The Rockefeller Foundation 111 West 50th Street New York, New York 10020	Unrestricted	4,500.00
7. Schlumberger Foundation Houston, Texas	Unrestricted	1,000.00
8. *DeWitt Wallace Fund, Inc. c/o James A. Michener P. O. Box 125 Pipersville, Pa. 18947	For acquisition programs of Michener Collection	25,000.00
9. The J. D. & Mazie Wrather Foundation c/o Jack Wrather 270 North Canon Drive Beverly Hills, California 90210	Unrestricted contribution to Chancellor's Council	5,000.00

*No letter of transmittal received from donor.

NOMINATIONS FOR MEMBERSHIP IN THE GRADUATE FACULTY--U.T. AUSTIN

The following faculty members, all of whom currently hold tenured positions, have been nominated by their respective Graduate Studies Committee for membership in the Graduate Faculty. On the joint recommendation of the Dean of the Graduate School and the Chairman of the Graduate Assembly and the approval of President Hackerman and Vice-Chancellor Singletary, I recommend approval by the Board of Regents.

College of Arts and SciencesDepartment of Anthropology

Associate Professor Jeremiah Fain Epstein
Associate Professor F. E. Johnston
Professor Anthony Leeds
Professor Symmes Chadwick Oliver
Professor Richard P. Schaedel

NOMINATIONS FOR MEMBERSHIP IN GRADUATE FACULTY--U.T. AUSTIN (continued)College of Arts and Sciences (continued)

Department of Classics
Professor Gareth Morgan

Department of Geography
Associate Professor Paul Ward English
Associate Professor Robert K. Holz
Professor Robert C. Mayfield

Department of Linguistics
Professor Mohammad Ali Jazayeri

Department of Physics
Associate Professor Arno Böhm
Associate Professor William D. McCormick
Professor Ira Lon Morgan
Professor Yuval Ne'eman
Professor Taro Tamura

Department of Psychology
Professor Jan H. Bruell
Associate Professor David T. Hakes
Associate Professor Gerald H. Jacobs
Associate Professor Delbert D. Thiessen

Department of Zoology
Associate Professor Frank Bronson
Associate Professor Bob G. Sanders

College of Business Administration

Department of General Business
Professor Abraham Charnes

College of Education

Department of Educational Psychology
Associate Professor S. Thomas Friedman

College of Engineering

Department of Electrical Engineering
Associate Professor J. K. Aggarwal
Associate Professor D. Gary Swanson
Associate Professor Dimiter I. Tchernev
Professor Fred B. Vogt
Associate Professor Terry John Wagner

Wayne Bell

NOMINATION FOR MEMBERSHIP IN GRADUATE FACULTY--G. S. B. S.

Dr. Robert Marshall Benolken, Professor of Neural Sciences, has been recommended for membership in the Graduate Faculty by the Committee on Graduate Studies at the Graduate School of Biomedical Sciences. On the recommendation of Dean Arnim and Vice-Chancellor LeMaistre, I recommend approval by the Board of Regents.

CONTRACTS AND AGREEMENTS

D. W.

1. Interagency Contract No. IAC(68-69)-345 with the Texas State Historical Survey Committee, signed by Executive Vice-Chancellor E. D. Walker, whereby the University is provided the services of Mr. Wayne Bell as the Consultant for Architectural Restoration on University of Texas System properties for the period September 1, 1968, through August 31, 1969. The sum to be paid is the equivalent of one day's services per week or eight hours per week, not to exceed a total of \$2,800.00.

REPORT OF AMENDMENTS TO THE 1968-69 CENTRAL ADMINISTRATION BUDGET

1. Appropriate \$2,419.40 from Administrative Charges to Trust Funds, Account No. 55-0630-1200, to Miscellaneous Charges to Administrative Fees on Trust Funds, Account No. 55-0630-1300 for additional expenses of the Institute of Latin American Studies. (RBC# 4)
2. Appropriate \$1,500 from Administrative Charges to Trust Funds, Account No. 55-0630-1200, to Latcher Conference Center Special Operations, Account No. 55-0630-1220. (RBC# 5) *file also*

3. Reappropriation of Balances, August 31, 1968


The Central Administration Unallocated Account as of the close of the fiscal year ending August 31, 1968 reflected an unexpended balance of \$12,284.66. The source of funds was the Available University Fund; therefore, it is in order to reappropriate this amount into the fiscal year beginning September 1, 1968.

4. Recommended Reappropriations and Lapses of Unexpended Available University Fund Appropriations at August 31, 1968

All unencumbered balances in the Available University Fund Appropriations ("63" Series of Accounts) as of August 31, 1968 are lapsed to the Available University Fund Unappropriated Balance with the exception of the following listed account balances that are to be reappropriated into 1968-69:

<u>Account No.</u>	<u>Account Title</u>	<u>Amount</u>
63-0208-0098	Law Office of The University of Texas System Expenses for Surveying Work Re West Texas Boundary Dispute	\$ 2,185.88
63-0210-0050	Oil Field Supervision and Geophysical Explora- tion - Maintenance and Operation	500.00
63-0214-0050	University Lands, Surface Leasing - Maintenance and Operation	500.00
63-0840-0800	System-wide Pharmacy Study	1,992.61
63-0841-0100	Expenses of Sulfur Lease Sale	2,006.55
63-1001-0000	Ten Year Plan Reserve	1,000,000.00
63-1015-0000	Computers	1,400,000.00
63-1016-0000	Land Acquisition	600,000.00
63-1018-0000	Site Development	400,000.00

Sincerely yours,


for Harry Ransom
Chancellor

HR:sr

THE UNIVERSITY OF TEXAS AT AUSTIN DOCKETINDEX

December 13-14, 1968 Meeting

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The UNIVERSITY of TEXAS at AUSTIN

Office of the President

November 11, 1968

Chancellor Harry Ransom
The University of Texas System
Austin, Texas

Dear Chancellor Ransom:

The following docket for The University of Texas at Austin is submitted for your approval and submission to the Board of Regents at its meeting in Austin on December 13-14, 1968.

RESEARCH AND OTHER ACADEMIC CONTRACTS: The following contracts, grants and amendments have been signed by the appropriate official upon the recommendation of the respective technical directors, fiscal officers, and the Executive Director of the Office of Sponsored Projects.

Expenditures from these contracts and grants will be made in accordance with regular University operating procedures and contractual limitations. Personnel appointments and changes will be in accordance with University salary rates and approvals. Travel and purchasing conform to established procedures.

I recommend your approval and ratification of signatures. *S. H. Reed*

CONTRACT and GRANTS (Federal):

1. Modification AF-AFOSR-67-0766E to Grant AF-AFOSR-766-67, by which the Department of the Air Force, Air Force Office of Scientific Research (OAR), Arlington, Virginia, adds the sum of \$300,000 to grant funds and extends the period of the grant through September 30, 1969. The basic research in electronics continues under the direction of Dr. C. L. Coates, Professor of Electrical Engineering and of Computer Sciences.
2. Modification AFOSR-67-1234B to Grant AF-AFOSR-1234-67, by which the Department of the Air Force, Air Force Office of Scientific Research, Arlington, Virginia, adds the sum of \$38,723 to the grant funds and extends the period of the grant through November 30, 1969. The study of aeroelastic stability and forced response problems associated with thin shell structures continues under the direction of Dr. Ronald O. Stearman, Associate Professor of Aerospace Engineering.
3. Grant AFOSR-69-1644, by which the Department of the Air Force, Air Force Office of Scientific Research, Arlington, Virginia, provides \$38,822 for support of research entitled "Rare Earth Semiconductors and Semimetals; Electric, Magnetic and Crystal Properties." The grant is effective for the period October 1, 1968 through September 30, 1970, and the research will be performed under the direction of Dr. Hugo Steinfink, Professor of Chemical Engineering.
4. Modification No. 7, Supplemental Agreement to Contract AF 33(657)-8716, by which the Department of the Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, adds the sum of \$1,182 to the contract funds, making a total of \$161,182. The research was conducted in the Electrical Engineering Research Laboratory under the direction of Dr. A. W. Straiton, Director and Ashbel Smith Professor of Electrical Engineering.

5. Modification P002 to Contract F 41609-68-C-0020, by which the Department of the Air Force, Aerospace Medical Division, Brooks Air Force Base, Texas, makes certain specification changes in the contract. The research in models of respiratory control of heart rate continues under the direction of Dr. Baxter F. Womack, Associate Professor of Electrical Engineering.
6. Contract F41609-69-C-0006, by which the Department of the Air Force, Aerospace Medical Division, Brooks Air Force Base, Texas, provides the sum of \$26,088 for support of research entitled "Bandwidth Reduction of Sleep Information." The contract is effective for the period October 1, 1968, through September 30, 1969, and the research will be performed under the direction of Dr. Ashley Welch, Assistant Professor of Electrical Engineering.
7. Modification P001 to Contract F 41609-69-C-0006, by which the Department of the Air Force, Aerospace Medical Division, Brooks Air Force Base, Texas, amends the Administrative Commitment Document of the contract. The research continues under the direction of Dr. Ashley Welch, Assistant Professor of Electrical Engineering.
8. Modification P002 to Contract DAAB 07-68-C 0319, by which the Department of the Army, Fort Monmouth Procurement Division, Procurement and Production Directorate, U. S. Army Electronics Command, Fort Monmouth, New Jersey, changes the travel reimbursement clause of the contract. The research continues in the Electrical Engineering Research Laboratory under the direction of Dr. A. H. LaGrone, Professor of Electrical Engineering.
9. Grant DA-ARO-D-31-124-G1050, by which the Department of the Army, Army Research Office-Durham, Durham, North Carolina, provides \$105,285 for support of research entitled "Basic Research in Numerical Analysis." The grant is effective for the period September 17, 1968 through September 16, 1971, and the research will be performed under the direction of Dr. David M. Young, Jr., Professor of Mathematics and of Computer Sciences, and Dr. Robert T. Gregory, Professor of Computer Sciences and of Mathematics.
10. Modification No. 5 to Contract DA 19-129-AMC-582(N), by which the Department of the Army, U. S. Army Natick Laboratories, Natick, Massachusetts, establishes a final overhead rate of 52% of salaries and wages for the period April 30, 1965 through August 31, 1965, and sets provisional overhead rate of 52% of salaries and wages for the period beginning September 1, 1965. The research on ground impact shock mitigation was conducted under the direction of Dr. E. A. Ripperger, Professor of Engineering Mechanics.
11. Change "C" to Contract N 00025-67-C-0026, by which the Department of the Navy, Naval Facilities Engineering Command, Washington, D. C., adds the sum of \$25,000 to the contract funds and extends the period of the contract through August 31, 1970. The research continues under the direction of Dr. A. A. Toprac, Professor of Civil Engineering.
12. Modification P002 to Contract N 00024-67-C-1488, by which the Department of the Navy, Naval Ship Systems Command, Washington, D. C., extends the effective date of the contract until all funds are expended. The research continues in the Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
13. Modification P001, Supplemental Agreement to Contract N 00024-68-C-1082, by which the Department of the Navy, Naval Ship Systems Command, Washington, D. C., changes government property provisions and increases by \$50,000 the estimated cost of the contract to a new total of \$125,000. The research on submarine sonar systems continues in the Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.

14. Modification P001 to Contract N00024-68-C-1241, by which the Department of the Navy, Naval Ship Systems Command, Washington, D. C., increases the total estimated cost by \$8,831 to a new total of \$28,831. The research continues in the Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
15. Modification P002 to Contract N00024-68-C-1287, by which the Department of the Navy, Naval Ship Systems Command, Washington, D. C., changes the Government Property Provisions of the Schedule. The sonar sea tests program continue in the Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
16. Modification P003 to Contract N00024-68-C-1287, by which the Department of the Navy, Naval Ship Systems Command, Washington, D. C., corrects the typographical error in Modification P 002 of the contract. The research continues in the Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
17. Modification P004 to Contract N00024-68-C-1287, by which the Department of the Navy, Naval Ship Systems Command, Washington, D. C., changes the report requirements under the contract. The research continues in the Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
18. Contract N00024-69-C-1043, by which the Department of the Navy, Naval Ship Systems Command, Washington, D. C., provides the sum of \$126,000 for technical support, conduct design and operational evaluation of proposed changes in sonar equipment. The contract is effective for the period October 14, 1968 through April 13, 1970, and the research will be conducted in the Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
19. Modification No. 16 to Contract N60921-7233, by which the Department of the Navy, Naval Ordnance Laboratory, White Oak, Silver Spring, Maryland, corrects the appropriation and accounting data for the contract. The research continues in the Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
20. Modification No. 17 to Contract N60921-7233, by which the Department of the Navy, Naval Ordnance Laboratory, White Oak, Silver Spring, Maryland, increases the total cost of Task II by \$40,000 and extends the period of Task II through September 30, 1969. The research continues in the Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
21. Modification No. 18 to Contract N60921-7233, by which the Department of the Navy, Naval Ordnance Laboratory, White Oak, Silver Spring, Maryland, adds an additional sum of \$25,000 to Task I of the contract, bringing the total funding of Task I to \$771,400. The research continues in the Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
22. Modification No. 15 to Contract Nonr-3579 (01), by which the Department of the Navy, Office of Naval Research, Washington, D. C., assigns new appropriation data under the contract. The research continues in the Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
23. Modification No. 10 to Contract Nonr-3579 (03), by which the Department of the Navy, Office of Naval Research, Washington, D. C., assigns new appropriation data under the contract. Research was conducted in the Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.

24. Modification P002 to Contract N00123-68-C-2228, by which the Department of the Navy, Navy Purchasing Office, 312 North Spring Street, Los Angeles, California, provides an additional \$95,000 to bring the total amount allotted under the contract to \$205,000. The research continues in the Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
25. Modification P003 to Contract N00123-68-C-2228, by which the Department of the Navy, Navy Purchasing Office, Los Angeles, California, revises the accounting data under the contract. The research continues in the Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
26. Modification P005, Supplemental Agreement to (Bailment) Contract NOW 61-0743-b, by which the Department of the Navy, Naval Ordnance Systems Command, Washington, D. C., extends through June 30, 1970, the period of the contract whereby the use of one aircraft type C-45-H and one type C-47 are furnished for use in technical performance of research sponsored by the Department of Defense. The research and development program continues in the Applied Research Laboratories under the direction of Dr. Chester M. McKinney, Jr., Director.
27. Contract No. 14-10-7:931-24, by which the U. S. Department of the Interior, National Park Service, Globe, Arizona, provides \$25,000 for support of archeological test excavations at Sites 41 WM 33, 34, 56, 57, 61, 73, 74, 87, and 115 at the North Fork Reservoir, Texas. The contract is effective for the period beginning October 10, 1968, with the final report due December 31, 1970. The program will be under the direction of Dr. W. W. Newcomb, Professor of Anthropology, and Director, Texas Memorial Museum.
28. Contract No. 14-10-7:931-25, by which the U. S. Department of the Interior, National Park Service, Globe, Arizona, provides \$25,000 for support of archeological test excavations at Sites 41 VV 162 and 41 VV 162a at the Amistad Reservoir, Texas. The contract is effective for the period beginning October 11, 1968, with the final report due December 31, 1970. The program will be under the direction of Dr. W. W. Newcomb, Professor of Anthropology, and Director, Texas Memorial Museum.
29. Contract No. 14-10-7:931-26, by which the U. S. Department of the Interior, National Park Service, Globe, Arizona, provides \$20,000 for support of archeological test excavations at Sites 41 WM 122, 135, and 118 at the Laneport Reservoir, Texas. The contract is effective for the period beginning October 11, 1968, with the final report due December 31, 1971. The program will be under the direction of Dr. W. W. Newcomb, Professor of Anthropology, and Director, Texas Memorial Museum.
30. Contract No. 14-10-7:931-27, by which the U. S. Department of the Interior, National Park Service, Globe, Arizona, provides \$25,000 for support of archeological test excavations at Sites 41 CK 64, 68, 73, 76, 79, 100, and 107 at the Robert Lee Reservoir, Texas. The contract is effective for the period beginning October 11, 1968, with the final report due December 31, 1971. The program will be under the direction of Dr. W. W. Newcomb, Professor of Anthropology, and Director, Texas Memorial Museum.
31. Modification No. 1 to Grant 91-46-68-24, by which the U. S. Department of Labor, Manpower Administration, Office of Manpower Policy, Evaluation, and Research, Washington, D. C., changes the closing date of the grant to read "December 31, 1968." The program entitled "Training Programs of Private Industry in the Greater Cleveland Area" continues under the direction of Dr. Carey C. Thompson, Professor of Economics.

32. Amendment No. 4 to Grant SCC-40589, by which the Department of State, Bureau of Education and Cultural Affairs, Washington, D. C., extends the period of the grant through December 31, 1968. The Baghdad Educational Cultural Exchange Program continues under the direction of Dr. Joe W. Neal, Director, International Office.
33. Letter of Extension dated September 5, 1968, by which the General Services Administration, National Archives and Records Service, Washington, D. C., extends the period of Grant 68-14 through December 31, 1968. The project for microfilming the Bexar archives continues under the direction of Dr. Chester V. Kielman, Archivist.
34. Grant No. 69-4, by which the General Services Administration, Washington, D. C., provides the sum of \$4,431 for support of microfilm publication of Bexar archives. The grant is effective for the period October 1, 1968 through December 31, 1968, and the program will be under the direction of Dr. Chester V. Kielman, Archivist.
35. Amendment No. 1 to Contract PC 51-876, by which the Peace Corps, Washington, D. C., adds the sum of \$35,298 to the contract funds, bringing the total funding to \$253,058. The training of Peace Corps volunteers in a program of teaching English as a foreign language, teaching mathematics and science, working as librarians, and working in clinical roles in hospitals in Turkey, continues under the direction of Dr. Joe W. Neal, Director, International Office.
36. Modification No. 16 to Contract AT-(40-1)-1639, by which the U. S. Atomic Energy Commission, Oak Ridge Operations, Oak Ridge, Tennessee, adds the sum of \$35,000 to the contract funds and extends the period of the contract through August 31, 1969. The research entitled "Unusual Oxidation States of Transitional Elements" continues under the direction of Dr. George W. Watt, Professor of Chemistry.
37. Modification No. 4 to Contract OE 6-10-108, by which the Department of Health, Education, and Welfare, Office of Education, Washington, D. C., provides an additional \$388,000, making a new total of \$2,484,080, and extends the period of the contract through January 31, 1969. The research and development center for teacher education continues under the direction of Dr. Robert F. Peck, Professor of Educational Psychology.
38. Grant AI02830-10, by which the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, provides \$25,982 for support of research entitled "Bacterial Cysts." The grant is effective for the period September 1, 1968 through August 31, 1971. The \$25,982 now appropriated is for the period September 1, 1968, through August 31, 1969. The research will be performed under the direction of Dr. Orville Wyss, Professor of Microbiology.
39. Grant AI07582-03, by which the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, provides \$14,897 for support of research entitled "Bacterial Endospores Structure and Germination." The grant is effective for the period September 1, 1968 through August 31, 1969, and the research will be under the direction of Dr. Leonard J. Rode, Jr., Associate Professor of Microbiology.
40. Grant GM09654-08, by which the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, provides the sum of \$22,402 for support of research entitled "Studies of Histone Metabolism." The grant is effective for the period October 1, 1968 through September 30, 1970, and the \$22,402 now appropriated is for the period October 1, 1968 through September 30, 1969. The research will be performed under the direction of Dr. David P. Bloch, Professor of Botany.

41. Grant GM12334-05, by which the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, provides the sum of \$32,601 for support of research entitled "Gene Organization and Function in Drosophila." The grant is effective for the period September 1, 1968 through August 31, 1969, and the research will be under the direction of Dr. Burke H. Judd, Associate Professor of Zoology.
42. Grant GM15769-02, by which the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, provides the sum of \$450,367 for support of research entitled "Cytogenetics, Population and Theoretical Genetics." The grant is effective for the period September 1, 1968 through August 31, 1972, and the \$450,367 now appropriated is for the period September 1, 1968 through August 31, 1969. The research will be directed by Dr. Ken-ichi Kojima, Professor of Zoology.
43. Grant HD 04149-01, by which the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, provides the sum of \$33,642 for support of research entitled "Regulation of Reproduction in Rodent Populations." The grant is effective for the period September 1, 1968, through August 31, 1969, and the research will be performed under the direction of Dr. Franklin H. Bronson, Associate Professor of Zoology.
44. Grant NB 05423-05, by which the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, provides the sum of \$20,961 for support of research entitled "Unit and Multiunit Neurophysiology." The grant is effective for the period September 1, 1968 through August 31, 1971, and the \$20,961 now appropriated is for the period September 1, 1968, through August 31, 1969. The research will be performed under the direction of Dr. James L. Larimer, Professor of Zoology.
45. Grant NB 08131-01, by which the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, provides the sum of \$7,961 for support of research entitled "Vision in All-Cone Retinas." The grant is effective for the period October 1, 1968 through September 30, 1969, and the research will be directed by Dr. Gerald Jacobs, Associate Professor of Psychology.
46. Grant NB 08251-01, by which the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, provides the sum of \$22,466 for support of research entitled "Physiology of Chemoreception." The grant is effective for the period October 1, 1968 through September 30, 1969, and the research will be conducted under the direction of Dr. Frank E. Hanson, Assistant Professor of Zoology.
47. Contract PH-43-67-1143, by which the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, assigns approximately \$58,294 for support of research entitled "Study of Chronic Toxicity of Various Classes of Cancer Chemotherapeutic Agents." The contract is effective for the period September 19, 1968 through May 22, 1969, and the research will be performed under the direction of Dr. Jean Scholler, Professor of Pharmacology.
48. Grant 1 T01 MH11533-01, by which the Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, provides the sum of \$24,752 for support of a training program in experimental psychology. The grant is effective for the period October 1, 1968 through June 30, 1973, and the \$24,752 now appropriated is for the period October 1, 1968 through June 30, 1970. The program will be under the direction of Dr. Egidio Capaldi, Professor of Psychology.
49. Modification No. 2, Supplemental Agreement to Contract NAS 8-18120, by which the National Aeronautics and Space Administration, George C. Marshall Space Flight Center, Huntsville, Alabama, extends the period of the contract through May 31, 1969. The study of stability of guidance systems continues under the direction of Dr. Lyle G. Clark, Professor of Engineering Mechanics.

50. Grant GA-4486, by which the National Science Foundation, Washington, D. C., provides \$19,100 for support of research entitled "Hydrothermal Transport of Silver." The grant is effective for the period September 15, 1968, through September 14, 1969, and the research will be performed under the direction of Dr. Earl Ingerson, Professor of Geology.
51. Grant GK-2849, by which the National Science Foundation, Washington, D. C., provides the sum of \$17,200 for support of research entitled "Precedence Ordering for the Solution of Models of Large Scale Continuous Processes." The grant is effective for the period October 1, 1968 through September 30, 1970, and the research will be performed under the direction of Dr. David M. Himmelblau, Professor of Chemical Engineering.
52. Amendment No. 1 to Grant GB-5448X by which the National Science Foundation, Washington, D. C., extends the period of the grant through August 31, 1969, with \$34,200 additional funds. The research entitled "Phytochemical Systematics" continues under the direction of Dr. Tom J. Mabry, Professor of Botany.
53. Grant GB-8138 (Renewal of GB-3806), by which the National Science Foundation, Washington, D. C., provides the sum of \$17,400 for support of research entitled "Circadian Physiology, Photoperiodism and Photoreception." The grant is effective for the period September 1, 1968, through August 31, 1969, and the research will be performed under the direction of Dr. Michael Menaker, Associate Professor of Zoology.
54. Grant GB-8173, by which the National Science Foundation, Washington, D. C., provides \$29,300 for support of research entitled "Biochemistry and Ecology of Autotrophic Micro-organisms." The grant is effective for the period September 15, 1968 through September 14, 1970, and the research will be performed under the direction of Dr. Derek S. Hoare, Associate Professor of Microbiology.
55. Grant GK-3899, by which the National Science Foundation, Washington, D. C., provides the sum of \$40,000 for support of research entitled "Microcracking as a Factor in Ultimate Strength of Long Reinforced Concrete Columns." The grant is effective for the period September 15, 1968, through September 14, 1970, and the research will be performed under the direction of Dr. Phil M. Ferguson, Professor of Civil Engineering.

GRANTS and CONTRACTS (Non-Governmental):

1. Project No. 157, Agreement by which the American Iron and Steel Institute, New York, New York, provides the sum of \$14,000 for support of research entitled "Beams in Rigid Building Frames." The project is effective for a period ending April 30, 1969, and the research will be under the direction of Dr. Joseph A. Yura, Assistant Professor of Civil Engineering.
2. Grant Letter dated September 27, 1968, by which the Clay Products Association of the Southwest, Austin, Texas, provides the sum of \$5,000 for the development of recommended building code requirements for structural tile masonry. The project will be under the direction of J. Neils Thompson, Professor Civil Engineering.
3. Check No. 61959, Supplement to Agreement dated June 23, 1967, by which El Paso Products Company, Odessa, Texas, awards the sum of \$1,800 for support of a study entitled "A Comprehensive Waste Treatment Investigation." The research continues under the direction of Dr. Earnest F. Gloyna, Professor of Civil Engineering.

GRANTS and CONTRACTS (Non-Governmental) - Continued:

4. Agreement, dated October 8, 1968, by which The Ford Foundation, New York, New York, provides the sum of \$30,738 for research and part-time services of Richard N. Adams as program advisor in social sciences with the International Division, Office of Latin America and the Caribbean. The agreement is effective for the period September 1, 1968, through August 31, 1969, and the program will be under the direction of Dr. Richard N. Adams, Professor of Anthropology.
5. Purchase Order 387193, by which General Dynamics, Fort Worth Division, Fort Worth, Texas, provides the sum of \$26,800 for the period September 1, 1968 through August 31, 1969 for support of research entitled "System Accuracy Improvement Using Duo Concepts." The research will be under the direction of Dr. D. G. Lainiotis, Associate Professor of Electrical Engineering.
6. Purchase Order Change Notice dated August 26, 1968, to Purchase Order No. 8905 CPL 205, by which the LTV Electrosystems, Inc., Greenville, Texas, extends the ending date of the purchase order through December 31, 1968. The acoustics data collection and analysis program continues under the direction of Dr. Francis X. Bostick, Associate Professor of Electrical Engineering.
7. Letter of Award dated September 25, 1968, by which the Phillips Petroleum Company, Bartlesville, Oklahoma, awards \$4,500 for a Professional Development Fund, allocating \$2,400 to the College of Engineering, \$1,200 to the College of Arts and Sciences, \$500 to the College of Business Administration, and \$400 to the School of Law.
8. Grant Letter dated September 24, 1968, by which the Research Corporation, New York, New York, provides the sum of \$4,200 for support of research on intramolecular reactions. The grant is effective for the period October 1, 1968 through April 30, 1969, and the research will be directed by Dr. Philip L. Stotter, Assistant Professor of Chemistry.
9. Letter of Award (3 GA HSS 6881) dated September 16, 1968, by which the Rockefeller Foundation, New York, New York, provides the sum of \$3,250 for support of updating a documentary history of twentieth-century Mexico. The award is effective for the period ending June 30, 1969, and the project will be under the direction of Dr. Stanley Ross, Director of the Institute of Latin American Studies.
10. Purchase Order No. 74788, by which the Sinclair Refining Company, New York, New York, provides the sum of \$5,000 for support of research on the elimination of cooling tower fog problems. The purchase order is effective for the period September 1, 1968 through August 31, 1969, and the research will be conducted under the direction of Dr. Joe O. Ledbetter, Associate Professor of Civil Engineering.
11. Subcontract No. 12667, by which Stanford Research Institute, Menlo Park, California, provides the sum of \$13,000 for support of research in new antimalarials. The sub-contract is effective for the period September 1, 1968 through December 31, 1968, and the research will be under the direction of Dr. Karl Folkers, Professor of Medicinal Chemistry.
12. Subcontract No. 12668, by which the Stanford Research Institute, Menlo Park, California, provides the sum of \$8,000 for samples of a purified preparation of the ACTH-releasing hormone extracted from animal hypothalamus tissue. The subcontract is effective for the period September 1, 1968, through December 28, 1968, and the program will be under the direction of Dr. Karl Folkers, Professor of Medicinal Chemistry.

CONTRACTS and GRANTS (Non-Governmental) - Continued:

13. Check No. P-82062, by which Stanford Research Institute, Menlo Park, California, transfers the Merck & Company, Inc., funds in the amount of \$8,500 for support of research on coenzyme Q to be conducted by Dr. Karl Folkers, Professor of Medicinal Chemistry.
14. Supplemental Agreement No. 2 to Subcontract No. 2864, by which the Union Carbide Corporation, Oak Ridge, Tennessee, adds the sum of \$16,400 to the subcontract funds. The research entitled "Time-Dependent Deformation of Concrete Under Triaxial-Stress Conditions in Prestressed Reactor Vessels" continues under the direction of Dr. Ervin S. Perry, Assistant Professor of Civil Engineering.
15. Supplemental Agreement No. 3 to Subcontract No. 2864, by which the Union Carbide Corporation, Oak Ridge, Tennessee, deletes the Patent Indemnity Clause of the subcontract. The research on time-dependent deformation of concrete under triaxial stress conditions in prestressed reactor vessels continues under the direction of Dr. Ervin S. Perry, Assistant Professor of Civil Engineering.
16. Purchase Order No. S564084J, by which Systems Development Division, International Business Machines Corporation, San Jose, California, provides the sum of \$9,949.68 for support of technical and educational considerations and problems involving the conversion of the mathematics preskills for chemistry course from IBM 1500 system to the system/360. The purchase order is effective for the period November 1, 1968, through December 31, 1968, and the program will be under the direction of Dr. C. V. Bunderson, Assistant Professor of Computer Sciences and Educational Psychology.
17. Modification No. 2, Letter Contract Amendment to Contract No. 952235, by which the Jet Propulsion Laboratory, California Institute of Technology, Pasadena, California, authorizes the procurement of major steel work at the University's 105-inch telescope facility. The program continues under the direction of Dr. Harlan J. Smith, Professor of Astronomy, and Director, Research in Astronomy (McDonald Observatory).
18. Agency Purchase Order No. 9-1682, dated August 27, 1968, by which Wichita State University, Wichita, Kansas, awards \$2,000 to establish an instructional program in musicianship education under the direction of Janet M. McGaughey, Professor of Music. The program is effective for the period September 1, 1968 through August 31, 1969, and is a part of the Institute for Music in Contemporary Education, Southwestern Region, established at Wichita State University by the Music Educators National Conference.

CONTRACTS and AGREEMENTS (Other) — Office of Sponsored Projects:

1. Memorandum of Agreement for Water Research No. UT-68-1, by which the Water Resources Institute, Texas Agricultural Experiment Station, Texas A&M University, College Station, Texas, provides \$40,966 for support of research entitled "Selective Withdrawal of Lake Livingston." The Agreement is effective for the period July 1, 1968, through December 31, 1971, and the research will be conducted by Dr. E. Gus Fruh, Assistant Professor of Civil Engineering.
2. Memorandum of Agreement for Water Research No. UT-68-2, by which the Water Resources Institute, Texas Agricultural Experiment Station, Texas A&M University, College Station, Texas, provides \$25,973 for support of research entitled "Physiochemical Responses of Rivers to Natural and Manmade Environmental Changes." The Agreement is effective for the period July 1, 1968, through December 31, 1970, and the research will be conducted by Dr. Earnest F. Gloyna, Professor of Civil Engineering, and Director, Center for Research in Water Resources.
3. Grant S-814-10, by which Texas Fine Arts Commission, Austin, Texas, provides \$2,500 in matching funds for travel of music ensembles from the Department of Music at The University of Texas at Austin. The project is to be under direction of Dr. Nelson Patrick, Associate Professor of Music Education.

ACADEMIC AND BUSINESS CONTRACTS: The following academic and business contracts have been executed at The University of Texas at Austin by the official indicated. I recommend approval and ratification of signatures:

1. Agreement between the Bureau of Business Research and the Guadalupe-Blanco River Authority, signed by Vice-President James H. Colvin, whereby the Bureau will prepare an economic base study of the ten counties comprising the basin, the preliminary report to be furnished by February 1, 1969, and the completed one by June 1, 1969. The amount of the proposed budget is \$5,500.
2. Amendment No. 1 to Interagency Contract No. IAC(68-69)-047 with the University of Houston, signed by Vice-President James H. Colvin, which extends the original contract to August 31, 1969, and increases the total amount by \$200.
3. Interagency Contract No. IAC(68-69)-365 with the Abilene State School of the Texas Department of Mental Health and Mental Retardation, signed by Vice-President James H. Colvin, whereby the University through its Division of Extension will conduct a training unit in Motivation and Resistance to Change for personnel of the School during the period October 15-28, 1968, reimbursement not to exceed \$500.
4. Interagency Contract No. IAC(68-69)-366 with the Texas Central Education Agency, signed by Vice-President James H. Colvin, whereby the University through its Division of Extension will conduct a pilot program of Adult Basic Education courses for functionally illiterate adults during a period of approximately 40 weeks beginning October 1, 1968. The amount of the contract is not to exceed \$25,000.
5. Interagency Contract No. IAC(68-69)-369 with the North Texas State University, signed by Vice-President James H. Colvin, whereby the University through its Computation Center will furnish CDC 6600 computer processing in connection with North Texas State University faculty and graduate research projects. The period of the contract is November 1, 1968, through August 31, 1969, and the total amount is not to exceed \$5,000.
6. Contract No. F23601-69-0119 with the United States Air Force, signed by Vice-President James H. Colvin, which provides for graduate level training of civilian employees of the Government at the University during the period September 1, 1968 through completion of the Summer Semester 1969. The total estimated price is \$1,456.
7. Contract No. N00022-69-D00067 with the Bureau of Naval Personnel, signed by Vice-President James H. Colvin, whereby the University will furnish educational instruction and such other services and materials as may be necessary to train enlisted men of the United States Navy, Naval Reserve, Marine Corps, and Marine Corps Reserve. The period of the contract is July 1, 1968 through June 30, 1969, and the total amount is estimated at \$17,588.

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USE OF TEXTBOOKS WRITTEN BY FACULTY: I recommend the use of the following faculty-authored book as a textbook for 1968-69:

Physical Geography by Michael Ernest Sabbagh, Associate Professor of Geography, which sells for approximately \$4.45 with royalty of approximately \$1.00. This is a revised edition and the exact price and royalty has not yet been determined.

ESTABLISHMENT OF LOMIS SLAUGHTER SCHOLARSHIP IN MUSIC: Mrs. Betty Slaughter Dickson and Mr. George Slaughter wish to establish an endowed scholarship in music in honor of their father, Mr. Lomis Slaughter, and a check for \$5,000 has been received from Mr. George Slaughter for this purpose. Only the income will be used for the scholarship. I recommend acceptance.

ESTABLISHMENT OF THE ROBERT FRANCIS KENNEDY MEMORIAL SCHOLARSHIP: The Young Democrats wish to establish a permanent scholarship at The University of Texas at Austin in memory of Senator Kennedy, to be known as the Robert Francis Kennedy Memorial Scholarship. Any undergraduate student who shows positive evidence of financial need is eligible, with preference to be given to Negro and Mexican-American applicants. Need and desire for a college education will be given priority over high academic ranking. Only one award is to be given per academic year unless the amount of income available from the endowment in any one year should exceed \$500, in which case two awards are to be made with the available funds split equally between the two recipients. The amount of the award(s) is to be determined by the available funds, and the recipient(s) may hold the scholarship for only one academic year. The scholarship will be administered by the Financial Aids Office.

An initial contribution of \$500 has been made with the provision that an additional \$3,500 will be added within two years. Scholarship awards are to be made only from the income derived from the invested capital unless total contributions to the fund fail to reach \$4,000 within the time specified, in which case awards may be made from the principal. I recommend approval.

SOUTHWEST TEXAS EDUCATIONAL TELEVISION COUNCIL RESOLUTION: Pursuant to a resolution adopted by the Board of Trustees of Southwest Texas Educational Television Council in San Antonio at a meeting on June 12, 1968, two additional offices for the corporation were created; namely, a president and a vice-president. Robert Schenkkan and Harvey Herbst of The University of Texas at Austin were appointed to these offices, respectively. In order to avoid any conflict of interest, the resolution also stated that all contracts and agreements, if any, by and between the Board of Regents of The University of Texas System and the corporation would be approved in all respects by the Board of Trustees in lieu of the officers. I recommend approval of this utilization of services of personnel of The University of Texas at Austin and request that the resolution be approved.

CHANGES IN 1968-69 PERSONNEL PAY PLAN: I recommend approval of the following:

	<u>Code</u>	<u>Title</u>	<u>Monthly Range</u>	<u>Annual Range</u>
From:	5218	Plumbing Supervisor	\$650-\$770	\$7800-\$9240
To:	5218	Plumbing Supervisor	\$650-\$800	\$7800-\$9600

The University Personnel Office recommends this change following detailed discussions with Superintendent of Utilities and after a thorough review of other supervisory classifications in the Building and Allied Trades Titles section of the 1968-69 Pay Plan. In order to maintain the proper relationship between these supervisory positions, it is felt that this recommended salary rate change is necessary.

CHANGE IN NAME OF MIDDLE EAST CENTER: The Director of the Center has requested that the name be changed from Middle East Language and Area Center to Center for Middle Eastern Studies, stating that the present designation "is a carry over from the early days of federal support which then funded 'language and area centers.' Such centers at other universities have already simplified their names. . ." I recommend approval.

OUTSIDE EMPLOYMENT: I recommend that the persons listed below be permitted to undertake the outside duties specified for each, the work to be arranged so as not to interfere with University assignments and otherwise to conform to Chapter III, Sec. 13, of Part One of the Rules and Regulations of the Board of Regents for the Government of The University of Texas:

1. Mr. Michael J. S. Dewar, Professor of Chemistry, to act as consultant to Monsanto Company.
2. Mr. E. William Behrens, Assistant Professor of Geological Sciences, to do consulting work with Central Power & Light Company at Corpus Christi, Texas.
3. Mr. Daniel O. Price, Professor of Sociology, to direct for Tracor, Inc., a research project on rural-urban migration.
4. Mr. Eugene H. Wissler, Professor of Chemical Engineering, to act as consultant to the Manned Spacecraft Center in Houston.
5. Mr. William J. Carter, Professor of Mechanical Engineering, to act as consultant to Glastron Boat Company in regard to sailboat design and the development program, and also as a consultant to Tracor.
6. Mr. William D. Gregg, Assistant Professor of Electrical Engineering, to do consultant work for Central Intelligence Agency in the area of communications and information transmission. (See page M-13, for No. 7)

TRAVEL FOR FACULTY AND STAFF: The following trips are reported in accordance with Section 5.12 of the Budget Rules and Procedures for 1968-69 when expenses are paid from funds not specifically designated for travel, and in accordance with Section 13.23 of Chapter III of Part Two of the Rules and Regulations of the Board of Regents for the Government of The University of Texas when the absence is for a longer period than twenty-nine days:

1. Mr. Hugo Leipziger-Pearce, Professor of Architecture, November 7-9, 1968, to Dallas and Arlington, Texas, for conferences in connection with film production and proceedings of UT/AIP Regional Conference at Arlington, expenses in an approximate amount of \$78.00 to be paid from Excellence fund assigned to American Institute of Planning.
2. Mr. Peter William Meredith John, Professor of Mathematics, November 7-9, 1968, to Durham, North Carolina, to attend the S. R. E. B. Statistics meeting at Duke University and to represent Mathematical Statistics, expenses in an approximate amount of \$234.00 to be paid from Research and Development Center for College Instruction of Science and Mathematics Maintenance and Operation account.
3. Mr. Wilmer Grainger Hunt, Research Scientist Assistant II in Zoology, July 25-December 25, 1968, to Aarhus, Denmark, to do research work in connection with research supported by NSF grant GB-6662, expenses in an approximate amount of \$2,500 to be paid from NSF funds assigned for this purpose.
4. Mr. John Frederick Schunk, Assistant Professor of Speech, October 31-November 2, 1968, to Fort Worth, Texas, to accompany two debate teams to Texas Christian University Debate Tournament and to serve as required judge, expenses in an approximate amount of \$70.00 to be paid from funds of The Oratorical Association.

5. Mr. John Frederick Schunk, Assistant Professor of Speech, October 23-26, 1968, to Emporia, Kansas, to accompany two debate teams to Kansas State Teachers College Debate Tournament and to serve as required judge, expenses in an approximate amount of \$140.00 to be paid from funds of The Oratorical Association.
6. Dr. John A. Laska, Associate Professor of History and Philosophy of Education and Director of the Center for International Education, October 29-31, 1968, to Washington, D. C. , to consult with officials in the United States Office of Education and with the directors of three ERIC Centers and to observe working procedures in order to prepare a funding proposal to be submitted to the United States Office of Education, expenses in an approximate amount of \$236.50 to be paid from Center for International Education, an Excellence account.
7. Mr. Arthur Henry Moehlman, Director of the Center for History of Education and Professor of History and Philosophy of Education, October 17-20, 1968, to Cleveland, Ohio, for a conference with Professor David Van Tassel, presently on leave at Case Western Reserve University, with whom he is preparing a monograph entitled "Computer Assisted Research in American Educational History," and to visit the Chemical Abstracts computerized operations in Columbus, Ohio, expenses in an approximate amount of \$203.50 to be paid from Center for History of Education, an Excellence account.
8. Mr. John R. Watt, Associate Professor of Mechanical Engineering, October 27-31, 1968, to New Orleans, Louisiana, to attend Assembly on Hospital Administration, expenses in an approximate amount of \$211.00 to be paid from Engineering and Systems Design for Hospitals and Related Institutions, an Excellence account.
9. Mr. Joseph Michel, Professor in Foreign Language Education Center, November 1-2, 1968, to Fort Worth, Texas, to attend the Foreign Language Association Meeting, expenses in an approximate amount of \$66.40 to be paid from Excellence funds assigned to the Center.
10. Mr. John H. Thompson, Jr. , Marine Laboratory Manager in the Marine Science Institute, October 22-23, 1968, to Jennings, Louisiana, to inspect the ship MARMER, which is offered for surplus donation to the University of Texas, per diem expenses in an approximate amount of \$25.50 to be paid from Support Planning for a Research Vessel, an Excellence account.
11. Mr. Elgie Wingfield, Boat Captain of Marine Science Institute, October 22-23, 1968, to Jennings, Louisiana, to inspect the ship MARMER, which is offered for surplus donation to the University of Texas, per diem expenses in an approximate amount of \$25.50 to be paid from the Support Planning for a Research Vessel, an Excellence account.
12. Mr. Floyd Cooper Maseles, Research Scientist in Research Instruments Laboratory, August 30-September 1, 1968, to Houston, Texas, to supervise the dismantling and to arrange for transportation to Austin of a Mass Spectrometer donated to the University of Texas, transportation expenses in an approximate amount of \$40.00 to be paid from Research Instruments Laboratory Maintenance and Operation account.

OUTSIDE EMPLOYMENT (continued from M-12):

7. Mr. Richard E. Aamodt, Associate Professor of Physics, to conduct research in plasma physics for Austin Research Associates, September 1968 through January 1969.

GIFTS TO THE UNIVERSITY OF TEXAS AT AUSTIN

The following gifts have been received at The University of Texas at Austin. I recommend acceptance and that the thanks and appreciation of the Board be sent the donor by the Secretary. In the case of scholarships where the recipient is designated by the donor, it has been ascertained that the donor is a charitable or public institution and that the donation does not constitute an evasion of taxes.

A single asterisk preceding the name of the donor indicates that no letter of transmittal was received from the donor. Two asterisks following the dollar amount indicate a noncash gift. The amount stated is an appraisal or an approximate or book value in the case of unsold stock. Gifts for endowment purposes are indicated by an "E" following the dollar amount.

DONOR	PURPOSE AND CONDITIONS	AMOUNT
1 Abraham Student Aid Foundation, Inc. Frank Abraham 711 Fannin Street Houston, Texas 77002	School of Law Contribution for the salary supplementation program	\$1,000.00
2 *African-American Institute 866 United Nations Plaza First Avenue at 48th Street New York, New York 10017	International Office Scholarships for three students designated by the donor	2,852.00
3 Alcoa Foundation Arthur M. Doty Executive Director Alcoa Building, Mellon Square Pittsburgh, Pennsylvania 15219	College of Engineering Contribution in support of the Alcoa Foundation Professorship in Chemical Engineering (second payment of three)	20,000.00
4 *American Association of Oilwell Drilling Contractors 211 North Ervay Building Dallas, Texas	Division of Extension Contribution to be used for the Technical Training Program	1,000.00
5 Arthur Andersen & Company R. W. Goodman, Jr. 1700 Bank of the Southwest Bldg. Houston, Texas 77002	College of Business Administration Contribution to match the total of gifts from alumni of the University who are associated with this company, this fund to be used for the Accounting Excellence Fund	1,090.00
6 *Association of Allergists for Mycological Investigations Dr. T. S. Painter, Jr., Secretary-Treasurer 1301 West 38th Street Austin, Texas 78705	Department of Microbiology Contribution for continued support of research in this department on allergies	3,000.00
7 Atlantic Richfield Company L. P. Whorton, Manager Research and Development Dept. P. O. Box 2819 Dallas, Texas 75221	College of Engineering Contribution for 1968-69 for membership in the Industrial Associates Program	10,000.00

DONOR	PURPOSE AND CONDITIONS	AMOUNT
8 *Banff Oil, Ltd. C. V. Kloepfer, Chief Engineer 550 Sixth Avenue, S.W. Calgary, Alberta, Canada	College of Engineering Contribution for the Department of Petroleum Engineering, to be used for the research program in reservoir simulation under the direction of Dr. Keith Coats	\$10,300.00
9 Bankers Trust Company Charles C. Smith Senior Vice President P. O. Box 318 Church Street Station New York, New York 10015	College of Business Administration Contribution to be used for a two-year research project for a forecasting model of loan demand by businesses	\$22,484.00
10 Mr. and Mrs. L. T. Barrow Trust Fund 3314 Chevy Chase Drive Houston, Texas 77019	Department of Geology Contribution representing the net income for the third quarter of 1968 from the trust created by Mr. and Mrs. Barrow, to be used for the Hal P. Bybee Memorial Fund	1,795.50 E
11 The Boeing Company Fred Huleen, Director of Personnel and Chairman, Scholarship and Aid-to-Education Committee P. O. Box 3707 Seattle, Washington 98124	The University of Texas at Austin Contribution to provide 5 scholar- ships of \$200 each	1,000.00
12 Chrysler Corporation Fund T. O. Shreves, Executive Director Detroit, Michigan 48231	College of Engineering Contribution to provide scholarship assistance during 1968-69	2,500.00
13 The Clark Foundation Colonel Walter Kerbel Executive Secretary 4616 Greenville Avenue Dallas, Texas 75206	The University of Texas at Austin Contribution to provide scholarships for six designated recipients	2,250.00
14 Clayton Foundation for Research M. T. Launius, Jr. Vice President 706 Bank of the Southwest Bldg. Houston, Texas 77002	The University of Texas at Austin Contribution to provide funds for the Clayton Foundation Biochemical Institute for the first half of 1968-69	143,250.00
15 The Clayton Fund E. A. Tribe P. O. Box 2538 Houston, Texas 77001	The University of Texas at Austin Contribution to provide scholarships for five designated recipients	3,815.00
16* Carr P. Collins Foundation, Inc. P. O. Box 2580 Dallas, Texas 75221	The University of Texas Press Contribution to the Dobie Paisano Fund to provide one-third of the \$3,000 fellowship donated through the Texas Institute of Letters	1,000.00

DONOR	PURPOSE AND CONDITIONS	AMOUNT
17 Continental Oil Company Thomas R. Pickrell Assistant Controller P. O. Drawer 1267 Ponca City, Oklahoma 74601	College of Business Administration Contribution in support of the work of this College for 1968-69	\$2,500.00
18 Corn Products Company H. G. Harder, President International Plaza Englewood Cliffs, New Jersey	College of Business Administration Unrestricted contribution in support of the work of this College for 1968-69	5,000.00
19 Corn Products Company H. G. Harder, President International Plaza Englewood Cliffs, New Jersey	College of Engineering Unrestricted contribution in support of the work of this College for 1968-69	5,000.00
20 W. H. Crain 2511 San Gabriel Street Austin, Texas 78705	College of Fine Arts Contribution for the Loren Winship Scholarship Fund	3,000.00 E
21 The Dallas Woman's Club Mrs. Evelyn S. Davis Executive Secretary 7000 Park Lane Dallas, Texas 75225	College of Fine Arts Scholarship for a designated recipient in the Department of Drama	1,000.00
22 The Dallas Woman's Club Mrs. Evelyn S. Davis Executive Secretary 7000 Park Lane Dallas, Texas 75225	College of Fine Arts Scholarship in music for a designated recipient	1,000.00
23 The Dallas Woman's Club Mrs. Evelyn S. Davis Executive Secretary 7000 Park Lane Dallas, Texas 75225	College of Fine Arts Contribution to the Department of Drama to cover expenses incurred in presenting "The Tempest" in Dallas for this Club	1,500.00
24 Ellen B. DeMar Scholarship Trust c/o First National Bank in Dallas P. O. Box 6031 Dallas, Texas 75222	The University of Texas at Austin Scholarship awarded to a designated recipient	1,000.00
25 Mrs. Linda Wraith Detro 25850 Vinedo Lane Los Altos Hills, California	College of Pharmacy Contribution to establish the Detro Fund, to be used by Dr. Earl Folkers for research in muscular dystrophy	1,500.00
26 Henry L. Doherty Educational Foundation J. W. Ristori, Executive Sec. 70 Pine Street New York, New York 10005	The University of Texas at Austin Contribution to provide scholarships for four designated recipients	1,600.00

DONOR	PURPOSE AND CONDITIONS	AMOUNT
27 The Dow Chemical Company David Morgan, Director of University Relations Midland, Michigan 48640	Contribution to be allocated as follows: College of Engineering for a graduate fellowship in Chemical Engineering of \$2,500 and grants of \$500 each for Departments of Mechanical Engineering and Petroleum Engineering; and to the Department of Chemistry for a graduate fellowship of \$2,500	\$6,000.00
28 *The Ford Foundation 320 East 43rd Street New York, New York 10017	Department of Sociology Contribution to provide a one-year graduate fellowship for a designated student from Mexico, to be handled through the Institute of Latin American Studies	5,600.00
29 General Electric Company J. Moreau Brown Crotonville, P. O. Box 151 Ossining, New York 10562	College of Engineering To provide the General Electric Graduate Research and Study Grant in Electrical Engineering for 1968-69	5,000.00
30 General Electric Foundation J. Moreau Brown Crotonville, P. O. Box 791 Ossining, New York 10562	College of Business Administration To provide the Faculty Development Grant in Accounting and Finance for 1968-69	5,000.00
31 General Motors Corporation Robert J. Jones General Motors Building 3044 West Grand Boulevard Detroit, Michigan 48202	The University of Texas at Austin Contribution to provide scholarships for five designated recipients	4,300.00
32 *Fundacao Calouste Gulbenkian Servico das Comunidades Armenias Western European Zone 1 Cmp. 16th Floor Lisboa, Portugal	International Office Scholarship funds for a designated foreign student	1,200.00
33 Halliburton Education Foundation, Inc. M. K. Brummett, President 3211 Southland Center Dallas, Texas 75201	College of Engineering Contribution to supplement the salary of one or more instructors actively teaching in the College of Engineering during 1968-69	10,000.00
34 Houston Endowment Inc. J. H. Creekmore, President P. O. Box 52338 Houston, Texas 77052	College of Engineering Contribution to provide the Jesse H. Jones Scholarships in Engineering for 1968-69	10,000.00
35 Houston Endowment Inc. J. H. Creekmore, President P. O. Box 52338 Houston, Texas 77052	School of Communication Contribution to provide the Martin Emmet Walter Scholarships in Journalism for 1968-69	5,000.00

DONOR	PURPOSE AND CONDITIONS	AMOUNT
36 Houston Endowment Inc. J. H. Creekmore, President P. O. Box 52338 Houston, Texas 77052	School of Communication Contribution to provide funds for the Jesse H. Jones Scholarships in Journalism for 1968-69	\$2,500.00
37 Houston Endowment Inc. J. H. Creekmore, President P. O. Box 52338 Houston, Texas 77052	College of Business Administration Contribution for the 1968-69 payment on the Jesse H. Jones Professorship in Business	25,000.00 E
38 Houston Endowment Inc. J. H. Creekmore, President P. O. Box 52338 Houston, Texas 77052	College of Fine Arts Contribution for the Jesse H. Jones and Mary Gibbs Jones Scholarships in the Fine Arts	10,000.00
39 Houston Endowment Inc. J. H. Creekmore, President P. O. Box 52338 Houston, Texas 77052	The University of Texas at Austin Contribution to the Department of Naval Science to provide the \$1,000 Jesse H. Jones Scholarships Honoring Fleet Admiral Ernest J. King and the \$1,000 Jesse H. Jones Scholarships Honoring Fleet Admiral Chester W. Nimitz	2,000.00
40 Houston Endowment Inc. J. H. Creekmore, President P. O. Box 52338 Houston, Texas 77052	The University of Texas at Austin Contribution to provide scholarships for three designated students	3,000.00
41 Houston Endowment Inc. J. H. Creekmore, President P. O. Box 52338 Houston, Texas 77052	The University of Texas at Austin Contribution to provide scholarships for 51 designated recipients of Jesse H. Jones and Mary Gibbs Jones "School Districts" awards	25,500.00
42 Houston Endowment Inc. J. H. Creekmore, President P. O. Box 52338 Houston, Texas 77052	The University of Texas at Austin Contribution to provide scholarships for 4 designated recipients of Jesse H. Jones and Mary Gibbs Jones "School Districts" awards	2,000.00
43 Houston Endowment Inc. J. H. Creekmore, President P. O. Box 52338 Houston, Texas 77052	The University of Texas at Austin Contribution to provide scholarships for 2 designated recipients of Jesse H. Jones and Mary Gibbs Jones "School Districts" awards	1,000.00
44 Houston Endowment Inc. J. H. Creekmore, President P. O. Box 52338 Houston, Texas 77052	The University of Texas at Austin Contribution to provide scholarships for 2 designated recipients of Jesse H. Jones and Mary Gibbs Jones "School Districts" awards	1,000.00

DONOR	PURPOSE AND CONDITIONS	AMOUNT
45 James S. Hudnall P. O. Box 1310 Tyler, Texas 75701	College of Engineering Contribution of 21 shares of General American Oil Company of Texas common stock, the amount shown representing the net proceeds from the sale of this stock. This is a payment on Mr. Hudnall's member- ship in the Chancellor's Council.	\$1,030.83 E
46 Institute of Scrap Iron & Steel, Gulf Coast Chapter Barry Segell, Secretary-Treas. P. O. Box 24063 Oklahoma City, Oklahoma 73124	The University of Texas at Austin Scholarships for three designated recipients	1,300.00
47 Mrs. Erin Bain Jones 4717 Park Lane Dallas, Texas 75220	Humanities Research Center Contribution to be used for book publication purposes. This is a payment on Mrs. Jones' membership in the Chancellor's Council	5,000.00
48 The Jack S. and Elva J. Josey Foundation Jack S. Josey 504 Waugh Drive Houston, Texas 77019	The University of Texas at Austin Unrestricted contribution	5,000.00
49 Kadena Officers Wives Club Mrs. M. A. Mueller, Treasurer APO San Francisco, California 96239	The University of Texas at Austin Scholarship for a designated recipient	1,000.00
50 Minnie L. Maffett Scholarship Trust c/o Thomas B. Chennault Republic National Bank of Dallas P. O. Box 241 Dallas, Texas 75221	The University of Texas at Austin Scholarship funds for 3 designated recipients	2,200.00
51 The Marshall Foundation W. O. Neuhaus, Trustee 19th Floor 500 Jefferson Bldg. Houston, Texas 77002	International Office Scholarship for a designated foreign student	1,000.00
52 Mobil Foundation, Inc. c/o Fred H. Moore 223 Austin National Bank Bldg. Austin, Texas 78701	College of Business Administration Unrestricted contribution	1,000.00
53 Monsanto Company C. E. Johnson, Director Central Personnel Department 800 North Lindbergh Boulevard St. Louis, Missouri 63166	College of Engineering Contribution to the Department of Chemical Engineering, \$1,000 for scholarships and \$2,000 for the unrestricted use of the department	3,000.00

DONOR	PURPOSE AND CONDITIONS	AMOUNT
54 Monsanto Company C. E. Johnson, Director Central Personnel Department 800 North Lindbergh Boulevard St. Louis, Missouri 63166	Department of Chemistry Contribution to be used for summer research fellowships to outstanding teaching assistants who have qualified for their doctorate program	\$3,000.00
55 NMU Pension and Welfare Plan Abe Magrisso, Claims Director 36 Seventh Avenue New York, New York 10011	The University of Texas at Austin Scholarship for a designated recipient	1,700.00
56 *Mrs. George S. Nalle 1003 Rio Grande Austin, Texas	College of Fine Arts Addition to the Laura Duncan Trim Scholarship in Music Fund	8,184.43 E
57 National Association of Secondary School Principals Ellsworth Tompkins, Secretary- Director, Scholarship Board 1201 Sixteenth Street, N.W. Washington, D. C. 20036	The University of Texas at Austin Contribution to provide the Betty Crocker Scholarship for the designated recipient	1,500.00
58 Navy Relief Society R. J. Badger 1030 Munitions Building Washington, D. C. 20360	The University of Texas at Austin Scholarship for a designated recipient	1,000.00
59 Pan American Petroleum Foundation, Inc. C. F. Bedford, Vice President P. O. Box 1410 Fort Worth, Texas 76101	Department of Geology Contribution to be used as follows: Faculty doctoral fellowship Undergraduate scholarships (3) Unrestricted grant for the use of the department	4,154.50 2,700.00 1,900.00
60 Pan American Petroleum Foundation, Inc. C. F. Bedford, Vice President P. O. Box 1410 Fort Worth, Texas 76101	College of Engineering Contribution to the Department of Petroleum Engineering, to be used for 4 undergraduate scholarships grant for the department	3,400.00 1,200.00
61 Raymond Pearson Foundation, Inc. Gene N. Fondren, Secretary P. O. Box 2592 Houston, Texas 77001	The University of Texas at Austin Scholarships for three designated recipients	1,500.00
62 Pennsylvania Higher Education Assistance Agency K. R. Reeher, Executive Director Towne House Harrisburg, Pennsylvania 17102	The University of Texas at Austin Scholarships for five designated recipients	1,350.00

DONOR	PURPOSE AND CONDITIONS	AMOUNT
63 Phillips Petroleum Company R. G. Rhodes, Production Manager, Petrochemicals Manufacturing Department Bartlesville, Oklahoma 74003	College of Engineering Contribution to the Engineering Foundation	\$2,600.00
64 Reader's Digest Foundation Sterling Fisher Executive Director Pleasantville, New York 10570	School of Communication Contribution for the Department of Journalism to renew the Reader's Digest Foundation Research-Travel Fund for 1968-69	1,000.00
65 Schlumberger Foundation Captain Clifton Iverson Executive Secretary 5320 Sugar Hill Houston, Texas 77027	The University of Texas at Austin Contribution to provide two \$500 Schlumberger Collegiate Awards for 1968-69	1,000.00
66 Benno C. Schmidt 630 Fifth Avenue New York, New York 10020	The University of Texas at Austin Unrestricted contribution, to be applied toward his membership in the Chancellor's Council	1,000.00
67 The Sears-Roebuck Foundation J. P. Plain, Executive Director 1409 South Lamar Street Dallas, Texas 75202	The University of Texas at Austin Scholarships for four designated recipients	1,200.00
68 Murray Case Sells Estate Law Sone, Trustee Texas Wesleyan College Fort Worth, Texas 76105	The University of Texas at Austin Contribution to the Student Loan Fund	4,500.00 E
69 Shell Companies Foundation, Inc. C. E. Parker, Jr., Secretary 50 West 50th Street New York, New York 10020	College of Engineering Contribution for the Department of Petroleum Engineering to provide the 1968-69 Shell Aid, to be used to strengthen academic areas	5,000.00
70 Shell Companies Foundation, Inc. C. E. Parker, Jr., Secretary 50 West 50th Street New York, New York 10020	Department of Geology Contribution to provide the 1968-69 Shell Aid, to be used to strengthen academic areas	5,000.00
71 *Mr. George Slaughter 207 Brazos Street, Austin, Texas and *Mrs. Betty Slaughter Dickson 909 West 23rd Street Austin, Texas	College of Fine Arts Contribution to establish an endowed scholarship in the Department of Music in honor of their father, the award to be known as the Lomis Slaughter Scholarship in Music	5,000.00 E

DONOR	PURPOSE AND CONDITIONS	AMOUNT
72 Standard Oil Company of Texas Jack C. Kern, Division Exploration Superintendent P. O. Box 66247, Fairview Sta. Houston, Texas 77006	Department of Geology Contribution to provide the 1968-69 Fellowship in Geology of \$2,554.50 and an unrestricted grant for the use of the department of \$1,000	\$3,554.50
73 *Stauffer Chemical Company J. P. Halan, Employee Relations 380 Madison Avenue New York, New York 10017	College of Engineering Contribution to the Department of Chemical Engineering to provide the 1968-69 Stauffer Scholarship Fund of \$1,000 and an unrestricted grant of \$2,000 for the use of the department	3,000.00
74 Summit Management and Research Corporation C. E. Hurwitz, President 808 Travis Street Houston, Texas 77002	College of Business Administration Unrestricted contribution	1,000.00
75 Superior Cable Foundation, Inc. R. M. Meadows, Treasurer P. O. Box 489 Hickory, North Carolina 28601	The University of Texas at Austin Contribution to provide funds for two scholarships for 1968-69	1,500.00
76 The Teagle Foundation, Inc. Frank E. Mott, President 30 Rockefeller Plaza New York, New York 10020	The University of Texas at Austin Contribution to renew a scholarship for a designated recipient	2,500.00
77 Texas AFL-CIO Roy R. Evans Secretary-Treasurer Box MM, Capitol Station Austin, Texas 78711	The University of Texas at Austin Contribution to provide funds for a scholarship for a designated recipient	1,000.00
78 The Texas Interscholastic League Foundation R. J. Kidd, Secretary Box 8028, University Station Austin, Texas 78712	The University of Texas at Austin Contribution to provide scholarships for 71 designated recipients	22,725.00
79 Texas Power and Light Company T. L. Austin, Jr., President P. O. Box 6331 Dallas, Texas 75222	College of Engineering Contribution to the Engineering Foundation for 1968	3,333.33
80 Union Oil Company of California Foundation V. W. Frederickson, Chairman, Petroleum Engineering Scholar- ship Committee 461 South Boylston Street Los Angeles, California 90017	College of Engineering Contribution to the Department of Petroleum Engineering to provide scholarships for seven students	3,500.00

DONOR	PURPOSE AND CONDITIONS	AMOUNT
81 Whitehall Foundation, Inc. C. V. Poulin, Assistant Director of Scholarships 111 East 59th Street New York, New York 10022	The University of Texas at Austin Contribution to provide scholarships for two designated recipients	\$1,200.00
82 The David and Eula Wintermann Foundation P. O. Box 337 Eagle Lake, Texas 77434	The University of Texas at Austin Contribution to provide scholarships for two designated recipients	1,000.00
83 Worthing Scholarship Fund Houston Bank & Trust Company R. B. Mougey, Trust Officer P. O. Box 2555 Houston, Texas 77001	The University of Texas at Austin Contribution to provide scholarships for six designated recipients	2,850.00
84 The J. D. and Mazie Wrather Foundation J. D. Wrather, Jr. 270 North Canon Drive Beverly Hills, California 90210	The University of Texas at Austin Unrestricted contribution for the use of the Development Board	5,000.00
85 C. J. Wrightsman Educational Fund, Inc. Richard M. Eikenburg Secretary-Treasurer 1701 W. T. Waggoner Building Fort Worth, Texas 76102	The University of Texas at Austin Contribution to provide scholarships for four designated students	1,070.50
86 Zale Foundation Mrs. Joy Burk Executive Director 512 South Akard Street Dallas, Texas 75201	The University of Texas at Austin Contribution to match funds from the Ford Foundation project, administered by the Hogg Foundation, to be used for scholarships for students under the Special Admissions Program directed by Dr. James Ayres	5,000.00
The following nonmonetary gifts have also been received:		
87 *Louis Alexander 8425 Merlin Drive Houston, Texas 77005	Humanities Research Center Contribution to the History of Aviation Collection consisting of aviation magazines, newspaper clippings, press releases, pamphlets, and other material relating to modern aviation and space travel	\$ 850.00**
88 Andreas L. Brown Gotham Book Mart 41 West 47th Street New York, New York 10036	Humanities Research Center Collection of approximately 2,300 publications, manuscripts, journals, and periodicals of various dates and issues	3,500.00**

DONOR	PURPOSE AND CONDITIONS	AMOUNT
89 Andreas L. Brown Gotham Book Mart 41 West 47th Street New York, New York 10036	Humanities Research Center Collection of approximately 300 to 400 clippings, newspapers, articles, and programs relating to the work of Robert Frost	\$ 365.00**
90 J. P. Dreibelbis Ridge Road, Hemlock Farms Lords Valley Hawley, Pennsylvania 18428	The University of Texas Library Collection of books on banking and related interests, consisting of 19 hardbound books and 14 paperbacks	260.00**
91 *Professor John McAndrew Wellesley College Wellesley, Massachusetts 02181	College of Fine Arts Contribution to the Department of Art consisting of an archive of photographs of Mexican art and architecture, including photographic negatives and small prints, inked drawings of architectural plans, perspectives, and details of Mexican Colonial buildings	1,062.00**
92 Robie Macauley 1323 North Sandburg Terrace Chicago, Illinois 60610	Humanities Research Center Collection of 55 letters from contemporary English and American writers, including Saul Bellow, Flannery O'Connor, Marianne Moore, and T. S. Eliot	2,330.00**
93 Mr. and Mrs. E. E. Sheffield 2033 Albans Road Houston, Texas 77005	The University of Texas at Austin A rare and unusual Venetian glass lamp in the form of wisteria blossoms and leaves of the Victorian period	1,250.00**
	Twelve antique English Lowestoft porcelain plates of elaborate design, dated approximately 1796	3,000.00**
	Five handmade bedcovers, including three silk patchwork quilts, one knitted coverlet, and one crocheted bedspread, made by Mrs. Sheffield's mother and grandmother prior to the 1880's	3,500.00**
94 Tom F. Steele, President Steele Construction Company, Inc. P. O. Box 12383 Houston, Texas 77017	College of Engineering Contribution for the use of the Department of Petroleum Engineering of a Dyna-Tronics Analog Model 1500 Processing Unit, complete with all component parts	95,000.00**

RECOMMENDED AMENDMENTS TO THE 1968-69 BUDGET

The term "rate" for academic personnel is the full-time nine-month base rate; for classified personnel it is the full-time twelve-month rate, the appointee receiving a proportionate amount depending upon the fraction of time for which he is appointed and the period of his appointment. Source of funds for payment of salaries, unless otherwise shown, is the departmental salaries account.

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>GENERAL ADMINISTRATION AND STUDENT SERVICES</u>				
<u>Counseling and Psychological Services Center, and Division Office of Division of Housing and Food Service</u>				
Appointment				
Counseling Coordinator - Dormitories				
1. Frederick E. Hill	9/1 - 8/31	100	12	\$ 14,400
Sources of Funds:				
General Budget Funds-50%				
Auxiliary Enterprises Funds-50%				
(RBC# 723, 338)				

GENERAL INSTITUTIONAL EXPENSEChoral Organizations

Interdepartmental Transfer

2. Amount of Transfer - \$2,150

To: Choral Organizations - Maintenance and Operation

From: Music - Maintenance and Operation

To provide funds for sheet music purchases during the fiscal year, and to cover Municipal Auditorium rental and stage labor for the Christmas concert.

(RBC# 1021)

SCHOOL OF ARCHITECTURE

Appointment

Lecturer

3. Tom Lea (RBC# 963)	9/1 - 1/15	32.5	9	9,500
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Lecturer

4. Reynell M. Parkins (RBC# 888)	9/1 - 5/31	40	9	16,500
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<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>SCHOOL OF ARCHITECTURE (continued)</u>				
Interdepartmental Transfer				
5. Amount of Transfer - \$1,066				
To: Architecture - Classified Salaries				
From: Environmental Studies Program - Maintenance and Operation				
Additional funds were needed for a secretarial position in the School of Architecture due to the increased work load for the Environmental Studies Program.				
(RBC# 753)				
Transfer of Funds				
6. Amount of Transfer - \$3,320				
To: Architecture - Special Equipment				
From: Unallocated Teaching Equipment				
To provide funds for the purchase of audio-visual equipment needed for classroom purposes.				
(RBC# 945)				
<u>COLLEGE OF ARTS AND SCIENCES</u>				
<u>Anthropology</u>				
Appointment				
Lecturer				
7. Elizabeth J. Balan (RBC# 761)	9/1 - 1/15	100	9	\$ 10,000
Assistant Professor				
8. Morgan D. Maclachlan				
NIH Training Grant Funds	9/1 - 1/15	50	9	10,000
General Budget Funds - Transfer from Dean's Reserve	1/16 - 5/31	100	9	10,000
Concurrent Employment:				
Center for Asian Studies (Office of Education Contract Funds)				
Assistant Professor (RBC# 643, 644, 728, 470)	9/1 - 1/15	50	9	10,000
Visiting Associate Professor				
9. Bryan R. Roberts (RBC# 693)	9/1 - 1/15	100	9	15,000
Assistant Professor				
10. James A. Neely (RBC# 673)	9/1 - 5/31	LWOP	9	11,000

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF ARTS AND SCIENCES</u>				
<u>Anthropology (continued)</u>				
Transfer Between Dissimilar Appropriations				
11. Amount of Transfer - \$2,500				
To: Assistants				
From: Teaching Associates and Teaching Assistants				
Reallocation of funds following fall registration to meet more realistically the needs of the department.				
(RBC# 734)				
<u>Astronomy</u>				
Appointment				
Assistant Professor				
12. Ralph R. Robbins, Jr.	9/1 - 5/31	100	9	\$ 12,500
(RBC# 904)				
Professor				
13. David S. Evans	9/1 - 5/31	100	9	20,000
(RBC# 985)				
Visiting Professor				
14. Jean Heidmann	9/1 - 1/15	50	9	16,000
(RBC# 984)				
<u>Chemistry</u>				
Transfer of Funds				
15. Amount of Transfer - \$2,066				
To: Chemistry - Assistants				
From: Unallocated Salaries				
To provide funds for three student assistants in Physical Sciences 320, which course is being taught by Professor Noyes, of the Chemistry Department.				
(RBC# 1027)				
<u>Chemistry and Clayton Foundation</u>				
<u>Biochemical Institute</u>				
Appointment				
16. David J. DeRosier				
Chemistry				
Assistant Professor	1/16 - 5/31	100	9	11,000
Clayton Foundation Bio-chemical Institute -				
Current Restricted Funds				
Research Scientist	10/1 - 1/15	62	9	11,000
(Faculty)				
(RBC# 920, 990)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF ARTS AND SCIENCES</u>				
(continued)				
<u>Classics</u>				
Appointment				
Visiting Associate Professor				
17. Margaret M. Forbes (RBC# 783)	9/1 - 5/31	100	9	\$ 12,500
Assistant Professor				
18. James A. Dengate (RBC# 675)	9/1 - 5/31	100	9	9,500
Transfer Between Dissimilar Appropriations				
19. Amount of Transfer - \$2,200				
To: Assistants				
From: Faculty Salaries				
To provide additional funds needed for academic assistants. (RBC# 1011, 735)				
<u>Computer Sciences</u>				
Transfer of Funds				
20. Amount of Transfer - \$2,000				
To: Computer Sciences - Teaching Associates and Teaching Assistants				
From: Unallocated Salaries				
These funds were needed to hire two additional Teaching Assistants in Computer Sciences. (RBC# 806)				
<u>Computer Sciences and Computation Center</u>				
Appointment and Change of Status				
21. John R. Whiteman				
Appointment:				
Computer Sciences				
Assistant Professor	9/1 - 5/31	50	9	11,000
Change of Status:				
Computation Center				
Research Mathematician				
(Faculty)				
To:	9/1 - 5/31	50	9	11,000
From:	9/1 - 5/31	50	9	10,500
This conforms the Budget to reflect correct academic rate. (RBC# 645, 748)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF ARTS AND SCIENCES</u>				
(continued)				
<u>Computer Sciences and Mathematics</u>				
Appointment				
Assistant Professor				
22. Gilbert W. Stewart, III				
Computer Sciences	9/1 - 5/31	50	9	\$ 11,000
Mathematics	9/1 - 5/31	50	9	11,000
(RBC# 764, 403)				
<u>Economics</u>				
Leave of Absence				
Associate Professor				
23. Douglas C. Dacy	9/1 - 5/31	100	9	14,500
Term of Leave	9/1 - 1/15			
(RBC# 676, 802)				
<u>English</u>				
Appointment				
Assistant Professor				
24. Richard Abrams	9/1 - 5/31	100	9	10,000
(RBC# 782)				
Lecturer				
25. Mead M. Feick	9/1 - 5/31	100	9	11,000
(RBC# 933)				
Lecturer (Fall 1968-69 Only)				
26. John M. Forsman	9/1 - 1/15	100	9	11,500
(RBC# 784)				
Assistant Professor				
27. George M. Genet	9/1 - 5/31	100	9	9,500
(RBC# 689)				
Assistant Professor				
28. Willard J. Graver	9/1 - 5/31	100	9	9,500
(RBC# 932)				
Visiting Professor				
29. James G. McManaway	9/1 - 5/31	100	9	20,000
(RBC# 738)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF ARTS AND SCIENCES</u>				
<u>English (continued)</u>				
Transfer of Funds				
30. Amount of Transfer - \$1,500				
To: English - Program in Criticism				
From: Office of the Dean - Visiting Lecturers and Consultants				
To establish an account from which visiting lecturers and consultants participating in the Program in Criticism may be paid. (RBC# 975)				
<u>French and Italian</u>				
Appointment				
Professor Emeritus				
31. Lancaster Dabney (RBC# 964)	9/1 - 5/31	---	--	---
Instructor				
32. John E. Fadell (RBC# 781)	9/1 - 5/31	100	9	\$ 9,000
Instructor				
33. Gerhard C. Gerhardi (RBC# 646)	9/1 - 5/31	100	9	9,000
Assistant Professor				
34. Robert E. Hill (RBC# 780)	9/1 - 5/31	100	9	11,000
Change of Status				
Assistant Professor				
35. James D. Tedder				
To:	9/1 - 5/31	100	9	10,000
From:	9/1 - 5/31	100	9	9,500
To correct a clerical error in the original Budget. (RBC# 744)				
Leave of Absence				
Instructor				
36. Maria X. Wells	9/1 - 5/31	100	9	9,000
Term of Leave (RBC# 866)	9/1 - 1/15			

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

COLLEGE OF ARTS AND SCIENCESFrench and Italian (continued)

Transfer Between Dissimilar Appropriations

37. Amount of Transfer - \$2,000

To: Assistants

From: Faculty Salaries

Additional student graders were needed due to heavy enrollment in several graduate and upper-division courses.

(RBC# 736)

Geography

Transfer of Funds

38. Amount of Transfer - \$2,500

To: Geography - Assistants

From: Unallocated Salaries

To provide the department with the services of a student grader and a Cartographic Assistant.

(RBC# 841)

Geological Sciences

Appointment

Lecturer

39. L. Frank Brown, Jr. 9/1 - 1/15 50 9 \$ 10,900

Concurrent Employment:

Bureau of Economic Geology

Research Scientist 9/1 - 1/15 50 12 14,500

1/16 - 8/31 100

(RBC# 1018, 1014)

Transfer Between Dissimilar Appropriations

40. Amount of Transfer - \$6,960

To: Classified Salaries

From: Faculty Salaries

To provide funds for a Research Scientist Associate IV for the academic year.

(RBC# 979)

Germanic Languages

Appointment

Visiting Associate Professor

41. Hans Bender 9/1 - 1/15 100 9 13,000

(RBC# 779)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

COLLEGE OF ARTS AND SCIENCES
(continued)

Government

Transfer of Funds

42. Amount of Transfer - \$4,200

To: Government - Maintenance and Operation
From: Unallocated Maintenance and Operation

Funds are to be used for the rental of three pieces of IBM equipment.
(RBC# 740)

43. Amount of Transfer - \$4,788

To: Government - Classified Salaries
From: Unallocated Salaries

To provide funds for a new Administrative Assistant position, as recommended by the University Personnel Office audit.
(RBC# 1010)

History

Appointment

Associate Professor

44. Vartan Gregorian (RBC# 678)	9/1 - 5/31	100	9	\$ 18,000
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Linguistics, Curriculum and Instruction, and International Office

Appointment

45. John G. Bordie

Linguistics

Associate Professor	9/1 - 5/31	33	9	13,000
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Source of Funds:
Unallocated Salaries

Curriculum and Instruction

Associate Professor	9/1 - 5/31	33	9	13,000
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International Office

(Government Contract Funds) Associate Director	9/1 - 1/15	33	9	13,000
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(RBC# 960, 961, 705, 870)

Mathematics

Appointment

Assistant Professor

46. Laurence L. Schumaker (RBC# 679)	9/1 - 5/31	100	9	12,500
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Assistant Professor

47. Bernhard Amberg (RBC# 903)	9/1 - 5/31	100	9	11,000
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<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF ARTS AND SCIENCES</u>				
<u>Mathematics (continued)</u>				
Appointment				
Assistant Professor				
48. Kai Faltings (RBC# 763)	9/1 - 5/31	100	9	\$ 10,500
Assistant Professor				
49. Sharadshandra W. Joshi (RBC# 879)	9/1 - 5/31	100	9	11,000
Change of Status				
Lecturer				
50. Charles R. Sherer				
To:	1/16 - 5/31	100	9	14,000
From:	9/1 - 1/15	100	9	14,000
(RBC# 865)				
Transfer Between Dissimilar Appropriations				
51. Amount of Transfer - \$36,000				
To: Assistants				
From: Faculty Salaries				
This amount is the estimated shortage of funds budgeted in the Mathematics Department for student assistants for the 1968-69 academic year based on expenditures to date and projections for the spring semester.				
(RBC# 980)				
<u>Physics</u>				
Appointment				
Professor				
52. Taro Tamura (RBC# 989)	9/1 - 5/31	100	9	18,000
Change of Status				
Associate Professor				
53. Peter J. Riley				
To:	9/1 - 5/31	100	9	12,000
From:	9/1 - 5/31	50	9	12,000
(RBC# 680)				
<u>Physics and Center for Nuclear Studies</u>				
Appointment				
54. Ira Morgan				
Physics				
Professor	9/1 - 5/31	50	9	20,000
Center for Nuclear Studies				
Director	9/1 - 5/31	50	9	20,000
(RBC# 885, 765)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF ARTS AND SCIENCES</u>				
(continued)				
<u>Physics and Center for Plasma</u>				
<u>Physics and Thermonuclear Research</u>				
Appointment				
55. Leslie C. Woods				
Physics				
Visiting Professor	9/1 - 5/31	---	--	---
Center for Plasma Physics and Thermonuclear Research (Atomic Energy Commission Contract)				
Research Scientist (Faculty) (RBC# 402, 668, 937)	9/1 - 2/14	100	9	\$ 18,000
<u>Psychology</u>				
Resignation				
Assistant Professor				
56. Jon D. Jecker	9/1 - 5/31	100	9	10,500
Date of Resignation (RBC# 667)	8/31/68			
<u>Sociology, Institute for Latin</u>				
<u>American Studies, and Population</u>				
<u>Research Center</u>				
Appointment				
57. Jorge Balan				
Sociology				
Assistant Professor	9/1 - 1/15	33	9	10,500
Institute for Latin American Studies				
Assistant Professor	9/1 - 1/15	50	9	10,500
Population Research Center				
Research Associate (Faculty) (RBC# 533, 826, 504)	9/1 - 1/31	17	9	10,500
<u>Spanish and Portuguese</u>				
Interdepartmental Transfer				
58. Amount of Transfer - \$10,000				
To: Spanish and Portuguese - Teaching Associates and Teaching Assistants				
From: French and Italian - Faculty Salaries				
This reallocation of funds was needed to adjust the budget between these two departments which were formerly one Department of Romance Languages. (RBC# 977)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF ARTS AND SCIENCES</u>				
(continued)				
<u>Zoology</u>				
Appointment				
Assistant Professor (1968-69 Only)				
59. Alice K. Gillen (RBC# 647)	9/1 - 5/31	100	9	\$ 10,000
Change of Status				
Assistant Professor				
60. Richard H. Richardson				
To:	9/1 - 5/31	100	9	14,500
From:	9/1 - 5/31	100	9	12,500
To correct a clerical error made in the original 1968-69 Budget. (RBC# 695)				
<u>Center for Asian Studies</u>				
Transfer Between Dissimilar Appropriations				
61. Amount of Transfer - \$3,250				
To: Library - South Asia Studies				
From: Equipment				
To establish a separate account to be used for the purchase of books for the Center for Asian Studies library. (RBC# 828)				
<u>Middle East Language and Area Center</u>				
Transfer of Funds				
62. Amount of Transfer - \$2,300				
To: Middle East Center - Maintenance and Operation				
From: Unallocated Maintenance and Operation				
Additional funds will be needed for maintenance and operation for the fiscal year. (RBC# 882)				
<u>Office of the Dean</u>				
Transfer of Funds				
63. Amount of Transfer - \$10,000				
To: Office of the Dean - Clerical Assistants				
From: Unallocated Salaries				
To provide funds to meet the need for additional clerical assistants under the expanded program in the Dean's Office. (RBC# 803)				
64. Amount of Transfer - \$5,000				
To: Office of the Dean - Faculty Travel				
From: Unallocated Travel Expenses				
Funds will be used to support anticipated travel expenses of the faculty of the College of Arts and Sciences. (RBC# 798)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF ARTS AND SCIENCES</u>				
<u>Office of the Dean (continued)</u>				
Transfer of Funds				
65. Amount of Transfer - \$47,900				
Transfers were made from the Office of the Dean, Visiting Lecturers account to establish departmental visiting lecturers accounts as follows:				
(1) Botany (RBC# 968)	\$1,000	(12)	American Studies (RBC# 969)	\$1,000
(2) Chemistry (RBC# 835)	3,000	(13)	Linguistics (RBC# 852)	1,000
(3) Classics (RBC# 1008)	1,700	(14)	Mathematics (RBC# 974)	3,500
(4) Computer Science (RBC# 854)	3,000	(15)	Microbiology (RBC# 836)	1,000
(5) English (RBC# 973)	2,000	(16)	Philosophy (RBC# 853)	2,600
(6) French-Italian (RBC# 971)	2,000	(17)	Physics (RBC# 814)	3,000
(7) Geography (RBC# 855)	2,000	(18)	Psychology (RBC# 851)	3,000
(8) Geological Sciences (RBC# 839)	2,000	(19)	Sociology (RBC# 972)	1,500
(9) Germanic Languages (RBC# 1017)	4,100	(20)	Spanish-Portuguese (RBC# 976)	2,000
(10) Government (RBC# 967)	3,000	(21)	Zoology (RBC# 1007)	2,000
(11) History (RBC# 970)	2,000	(22)	Middle East Language and Area Center (RBC# 837)	1,500

COLLEGE OF BUSINESS ADMINISTRATIONGeneral Business and Mathematics

Appointment

Lecturer

66. Restituto Ferrer-Soto

General Business	9/1 - 5/31	33	9	\$ 9,000
Mathematics (RBC# 719, 1034)	9/1 - 1/15	20	9	9,000

SCHOOL OF COMMUNICATION

Journalism

Appointment

Assistant Professor

67. James B. Colson
(RBC# 859)

9/1 - 5/31	100	9	10,500
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<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>SCHOOL OF COMMUNICATION (continued)</u>				
<u>Radio/Television/Film and Research and Development Center for Teacher Education</u>				
Appointment				
68. Robert D. Brooks				
Radio/Television/Film Assistant Professor	9/1 - 5/31	67	9	\$ 12,500
Research and Development Center for Teacher Education				
Research Scientist (Faculty)	9/1 - 1/31	33	9	12,500
Source of Funds: Office of Education Contract Funds (RBC# 864, 863, 197)				

COLLEGE OF EDUCATIONCurriculum and InstructionInterdepartmental Transfer

69. Amount of Transfer - \$15,310

To: Curriculum and Instruction - Teaching Assistants and Teaching Associates

From: Educational Psychology - Faculty Salaries

Reallocation of teaching salary funds within the College of Education.
(RBC# 745)

70. Amount of Transfer - \$16,000

To: Curriculum and Instruction - Faculty Salaries

From: History and Philosophy of Education - Teaching Associates (\$1,000)
Educational Administration - Faculty Salaries (\$15,000)Reallocation of teaching salary funds within the College of Education.
(RBC# 959, 857)Curriculum and Instruction and Extension Teaching and Field Service BureauAppointment

Assistant Professor

71. William L. Rutherford

Curriculum and Instruction 9/1 - 5/31 50 9 12,000

Extension Teaching and Field Service Bureau 9/1 - 5/31 50 9 12,000
(RBC# 639, 704)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF EDUCATION (continued)</u>				
<u>Curriculum and Instruction and Research and Development Center for Teacher Education</u>				
Appointment				
Assistant Professor				
72. John J. Koran, Jr.				
Curriculum and Instruction	9/1 - 5/31	50	9	\$ 12,000
Research and Development Center for Teacher Education - Office of Education Contract Funds (RBC# 472, 471)	9/1 - 1/31	50	9	12,000
73. Gene E. Hall				
Curriculum and Instruction Assistant Professor	9/1 - 5/31	50	9	10,500
Research and Development Center for Teacher Education - Office of Education Contract Funds				
Research Scientist (Faculty) (RBC# 621, 703)	9/1 - 1/31	50	9	10,500
<u>Educational Administration</u>				
Appointment				
Assistant Professor				
74. Edward V. Tapscott	9/1 - 5/31	17	9	11,625
Source of Funds: Transfer from Dean's Reserve				
Concurrent Employment: Extension Teaching and Field Service Bureau Project Administrator (RBC# 883)	9/1 - 5/31	83	12	15,500
<u>Educational Psychology</u>				
Appointment				
Assistant Professor				
75. Harris W. Stern (RBC# 797)	9/1 - 5/31	100	9	11,500
Assistant Professor				
76. Martha C. Polson (RBC# 1043)	9/1 - 1/15	33	9	10,000

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF EDUCATION</u>				
<u>Educational Psychology (continued)</u>				
Appointment				
Assistant Professor				
77. Luiz F. Natalicio (RBC# 769)	9/1 - 5/31	100	9	\$ 11,000
Salary Increase				
Professor				
78. Carl F. Hereford				
To:	9/1 - 9/30	100	9	\$ 16,000
	10/1 - 5/31	100	9	16,500
From:	9/1 - 5/31	100	9	16,000
Rate Increase (RBC# 793)			<u>9</u>	<u>\$ 500</u>
Resignation				
Associate Professor				
79. Edwin Hindsman	9/1 - 5/31	100	9	13,500
Date of Resignation (RBC# 834)	8/31/68			
<u>Educational Psychology and Research and Development Center for Teacher Education</u>				
Appointment				
80. Thomas L. Good				
Educational Psychology Assistant Professor	9/1 - 5/31	50	9	10,500
Research and Development Center for Teacher Education (U.S. Office of Education Contract Funds)				
Research Scientist (Faculty) (RBC# 768, 778)	9/1 - 1/31	50	9	10,500
81. Jere E. Brophy				
Educational Psychology Assistant Professor	9/1 - 5/31	67	9	11,500
Research and Development Center for Teacher Education (U.S. Office of Education Contract Funds)				
Research Scientist (Faculty) (RBC# 1031, 777)	9/1 - 1/31	33	9	11,500

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF EDUCATION (continued)</u>				
<u>Physical and Health Education</u>				
Appointment				
Associate Professor				
82. Curtis J. Alderson (RBC# 949)	1/16 - 5/31	17	9	\$ 10,000
<u>COLLEGE OF ENGINEERING</u>				
<u>Civil Engineering</u>				
Appointment				
Assistant Professor				
83. James T. Houston (RBC# 887)	9/1 - 5/31	100	9	11,000
Change of Status				
Assistant Professor				
84. Joseph A. Yura				
To:	9/1 - 5/31	100	9	12,000
From:	9/1 - 5/31	67	9	12,000
(RBC# 901)				
<u>Civil Engineering - Meteorology</u>				
Appointment				
Assistant Professor				
85. E. Lothar Koschmieder (RBC# 776)	9/1 - 5/31	100	9	12,000
<u>Electrical Engineering</u>				
Appointment				
Assistant Professor				
86. Philip C. Richardson (RBC# 688)	9/1 - 5/31	100	9	14,000
Change of Status				
Professor				
87. Clarence L. Coates, Jr.				
To:	9/1 - 5/31	100	9	25,500
From:	9/1 - 5/31	67	9	25,500
(RBC# 707)				
<u>Mechanical Engineering</u>				
Appointment				
Lecturer				
88. Gerald R. Wagner (RBC# 775)	9/1 - 5/31	25	9	13,200

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

COLLEGE OF ENGINEERING

Mechanical Engineering (continued)

Appointment

Assistant Professor

89. John A. Heyt 9/1 - 5/31 100 9 \$ 10,700
(RBC# 1015)

Assistant Professor

90. Thomas H. Courtney 9/1 - 5/31 100 9 13,000
(RBC# 774)

Leave of Absence

Assistant Professor

91. Robert A. Helfinstine 9/1 - 5/31 100 9 11,000
Term of Leave 9/1 - 5/31
(RBC# 292)

Transfer Between Dissimilar Appropriations

92. Amount of Transfer - \$5,000

To: Assistants

From: Teaching Associates and Teaching Assistants

To permit appointment and utilization of an increased number of Academic Assistants in lieu of Teaching Assistants in the undergraduate instructional program.
(RBC# 840)

Petroleum Engineering

Appointment

Lecturer

93. William W. Dingle 9/1 - 1/15 25 9 12,000
(RBC# 708)

COLLEGE OF FINE ARTS

Art

Transfer of Funds

94. Amount of Transfer - \$3,000

To: Art - Teaching Assistants

From: Dean's Reserve for Teaching Salaries

To provide funds for the appointment of an additional Teaching Assistant needed in Art History courses and in the Art Museum.
(RBC# 1019)

Art and Art Teaching Gallery

Appointment

95. W. Joseph Fulton

Art

Visiting Associate Professor 9/1 - 1/15 33 9 13,500

Art Teaching Gallery

Chief Curator 9/1 - 1/15 67 9 13,500
(RBC# 751, 750)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>COLLEGE OF FINE ARTS (continued)</u>				
<u>Drama</u>				
Appointment				
Lecturer				
96. Antonin Hodek (RBC# 1012)	10/14 - 10/26	100	9	\$ 13,000
Lecturer				
97. Lucy A. Barton (RBC# 810)	10/1 - 10/31	100	9	9,000
Transfer of Funds				
98. Amount of Transfer - \$1,778				
To: Drama - Teaching Assistants				
From: Dean's Reserve for Teaching Salaries				
To provide funds for the appointment of an additional Teaching Assistant needed in Drama 388 and 693. (RBC# 1020)				
<u>Music</u>				
Appointment				
Assistant Professor (1968-69 Only)				
99. Agnes Vadas	9/1 - 5/31	100	9	9,000
Source of Funds: Departmental Salaries and Transfer from Dean's Reserve. (RBC# 241, 1023, 1016)				
Change of Status				
Guest Professor				
100. Alfredo de Saint-Malo				
To:	9/1 - 5/31	100	9	12,000
From:	9/1 - 5/31	88	9	12,000
(RBC# 1039)				
<u>GRADUATE SCHOOL OF LIBRARY SCIENCE</u>				
Appointment				
Lecturer				
101. June A. Moll	1/16 - 5/31	33	9	10,100
Concurrent Employment:				
Library				
Librarian IV	1/16 - 5/31	67	12	11,400
(RBC# 924, 925)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>GRADUATE SCHOOL OF LIBRARY SCIENCE</u> (continued)				
Appointment				
Lecturer				
102. Ann H. Bowden (RBC# 934)	1/16 - 5/31	33	9	\$ 9,500
Lecturer				
103. Nettie L. Benson	9/1 - 5/31	33	9	17,000
Concurrent Employment:				
History				
Lecturer	9/1 - 5/31	33	9	17,000
Library				
Librarian IV	9/1 - 5/31	33	12	13,200
	6/1 - 8/31	100		
(RBC# 816, 817, 818)				

PHYSICAL TRAININGPhysical Training for Women

Transfer Between Dissimilar Appropriations

104. Amount of Transfer - \$340

To: Travel
From: EquipmentTo establish a Travel account for this department.
(RBC# 722)

Transfer of Funds

105. Amount of Transfer - \$1,040

To: Physical Training for Women - Classified Salaries
From: Unallocated SalariesTo provide funds for a pianist needed for the ballet classes.
(RBC# 962)

106. Amount of Transfer - \$1,905

To: Physical Training for Women - Special Equipment
From: Unallocated Teaching EquipmentTo provide equipment such as exercise mats, golf curtains,
lockers, and copying machine.
(RBC# 966)Physical Training for Women and
Physical Training for Men

Appointment

Visiting Professor

107. Stanley Hall

Physical Training for Women 9/1 - 5/31 25 9 16,000

Physical Training for Men 9/1 - 5/31 25 9 16,000

(RBC# 672, 671)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

UNALLOCATED VISITING LECTURERS AND CONSULTANTS

108. Amount of Transfer - \$100,000

Transfers were made from Unallocated Visiting Lecturers and Consultants to the various Deans' Offices Visiting Lecturers and Consultants accounts as follows:

(1) School of Architecture (RBC# 821)				\$ 2,500
(2) College of Arts and Sciences (RBC# 809)				60,000
(3) College of Business Administration (RBC# 808)				7,500
(4) School of Communication (RBC# 819)				2,500
(5) College of Education (RBC# 822)				7,500
(6) College of Engineering (RBC# 807)				15,000
(7) School of Law (RBC# 820)				2,500
(8) Graduate School of Social Work (RBC# 825)				2,500

ORGANIZED RESEARCH

Center for Nuclear Studies

Appointment

Research Scientist (Faculty)

109. Bernard B. Kinsey 9/1 - 11/30 50 9 \$ 20,500

Concurrent Employment:

Physics

Professor

(RBC# 1004)

9/1 - 5/31 50 9 20,500

Resignation

Special Research Associate

110. John G. Page 9/1 - 8/31 100 12 18,600

Date of Resignation

8/31/68

(RBC# 739)

Computation Center

Change of Status

Senior Research Mathematician

111. Elliott W. Cheney

To:

9/1 - 5/31 35 9 18,500

From:

9/1 - 5/31 33 9 18,500

Concurrent Employment:

Mathematics

Professor

9/1 - 5/31 50 9 18,500

Research Scientist

(Faculty)

9/1 - 5/31 15 9 18,500

(RBC# 789)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

ORGANIZED RESEARCH (continued)Environmental Studies Program

Transfer Between Dissimilar Appropriations

112. Amount of Transfer - \$4,000

To: Wages

From: Maintenance and Operation

Funds will be used to pay assistants during this fiscal year.
(RBC# 1048, 1003)

Humanities Research Center

Leave of Absence

University Professor of Latin
American Studies, System Advisor
on International Programs

113. John W. F. Dulles 9/1 - 8/31 100 12 \$ 20,000

Term of Leave

2/1 - 5/31

(RBC# 710)

Transfer of Funds

114. Amount of Transfer - \$7,440

To: Humanities Research Center - Clerical Assistants

From: Unallocated Salaries

To provide funds for the salary of an Administrative Assistant
needed for a special assignment under the direction of Mrs. Frances
Hudspeth.

(RBC# 1036)

Journal of American Folklore

Transfer of Funds

115. Amount of Transfer - \$2,363

To: Journal of American Folklore - Salaries

From: Unallocated Salaries

To provide salary funds for a part-time Editorial Assistant
for the Journal.

(RBC# 824)

Research and Development Center for
College Instruction in Science and
Mathematics

Transfer Between Dissimilar Appropriations

116. Amount of Transfer - \$1,400

To: Salaries

From: Maintenance and Operation

Additional funds were needed in the Salaries account for a
Teaching Assistant appointment.

(RBC# 714)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>ORGANIZED RESEARCH</u>				
<u>Research in Astronomy</u>				
Change of Status				
Research Engineer Associate IV				
117. Marion L. Davis				
To:	9/1 - 8/31	100	12	\$ 12,000
From:	9/1 - 8/31	50	12	12,000
(RBC# 715)				
<u>Research in Texas History</u>				
Interdepartmental Transfer				
118. Amount of Transfer - \$2,200				
To: Research in Texas History - Classified Salaries				
From: Center for Computer Development - Maintenance and Operation				
To fund the salary of a Research Assistant (½T) in Research in Texas History.				
(RBC# 733)				
<u>University Research Institute</u>				
Appointment				
Professor (Classics)				
119. C. John Herrington				
Faculty Research Assignment	9/1 - 5/31	65	9	23,000
(RBC# 799)				
Associate Professor (English)				
120. Joseph J. Moldenhauer				
Faculty Research Assignment	9/1 - 5/31	31	9	13,000
(RBC# 991)				
Professor (English)				
121. Ernest C. Mossner				
Faculty Research Assignment	9/1 - 5/31	74	9	23,000
(RBC# 996)				
Assistant Professor (Germanic Languages)				
122. John M. Weinstock				
Faculty Research Assignment	9/1 - 5/31	50	9	10,000
(RBC# 787)				
Professor (Linguistics)				
123. Aaron Bar-Adon				
Faculty Research Assignment	9/1 - 2/2	100	9	14,000
(RBC# 786, 1037)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>ORGANIZED RESEARCH</u>				
<u>University Research Institute</u> (continued)				
Appointment				
Research Scientist Associate V				
124. Karl-Heinz Rosler (RBC# 713)	9/1 - 8/31	100	12	\$ 12,000
<u>SPECIAL ITEMS</u>				
<u>LBJ School of Public Affairs</u>				
Appointment				
Consultant on Archives				
125. Wayne Grover (RBC# 881)	9/1 - 5/31	100	9	20,000
<u>Texas Memorial Museum</u>				
Appointment and Salary Increase				
Research Scientist Associate V				
126. Christopher J. Durden	9/1 - 8/31	100	12	\$ 12,000
1967-68 Salary Rate			12	<u>11,400</u>
Rate Increase (RBC# 724)			<u>12</u>	<u>\$ 600</u>
<u>PHYSICAL PLANT</u>				
<u>Construction and Maintenance</u>				
Transfer of Funds				
127. Amount of Transfer - \$11,810				
To: Construction and Maintenance - Classified Salaries				
From: Unallocated Salaries				
To establish a new position of Carpenter - Trainee at \$4,020 and to provide funds for promotions and salary increases for certain laborers and maintenance workers, necessary to meet outside competition, effective November 1, 1968. (RBC# 815, 804)				
<u>SPECIAL RESEARCH AND ACADEMIC EXCELLENCE PROGRAM</u>				
<u>Astronomy</u>				
Transfer of Funds				
128. Amount of Transfer - \$3,000				
To: American Astronomical Society				
From: Excellence Fund Allotment Account				
Funds will be used to meet expenses incurred in connection with the meeting of the American Astronomical Society. (RBC# 717)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>SPECIAL RESEARCH AND ACADEMIC EXCELLENCE PROGRAM (continued)</u>				
<u>School of Architecture</u>				
Appointment				
Research Associate (Faculty)				
129. Rosemary R. Sanders	9/1 - 11/30	50	9	\$ 10,000
Source of Funds: American Institute of Planning				
Concurrent Employment: School of Architecture				
Assistant Professor (RBC# 1030, 905)	9/1 - 5/31	50	9	10,000
<u>School of Law</u>				
Appointment				
Research Associate (Faculty)				
130. Robert W. Hamilton	1/16 - 5/31	100	9	19,000
Academic Status: Professor (School of Law) (RBC# 988)				
<u>Computation Center</u>				
Transfer of Funds				
131. Amount of Transfer - \$44,500				
To: Purchase of CDC 501 Line Printer				
From: Excellence Fund Allotment Account				
Funds will be used to purchase a CDC 501 Line Printer. (RBC# 716)				
<u>Laboratory for Computer-Assisted Instruction</u>				
Reappointment				
Director				
132. Charles V. Bunderson	10/1 - 10/31	25	9	13,000
Previous appointment was at the same rate.				
Concurrent Employment: Educational Psychology				
Assistant Professor	9/1 - 5/31	50	9	13,000
Laboratory for Computer-Assisted Instruction (General Budget Funds)				
Director (RBC# 898)	9/1 - 5/31	25	9	13,000

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>SPECIAL RESEARCH AND ACADEMIC EXCELLENCE PROGRAM</u>				
<u>Laboratory for Computer-Assisted Instruction (Continued)</u>				
Reappointment				
Associate Director				
133. Jack L. Dunham	10/1 - 10/31	25	9	\$ 12,000
Previous appointment was at the same rate.				
Concurrent Employment:				
Educational Psychology				
Assistant Professor	9/1 - 5/31	50	9	12,000
Laboratory for Computer-Assisted Instruction (General Budget Funds)				
Associate Director (RBC# 921)	9/1 - 5/31	25	9	12,000
<u>University Research Institute</u>				
Change of Status				
Associate Professor (Classics)				
134. Karl Galinsky				
Faculty Research Assignment				
To:	1/16 - 5/31	100	9	16,000
From:	9/1 - 5/31	50	9	16,000
(RBC# 860, 861)				
<u>SPONSORED PROJECTS</u>				
<u>Astronomy</u>				
Appointment				
Faculty Associate				
135. Stephen J. Little	9/1 - 5/31	100	9	9,000
Source of Funds:				
NSF Grant for University Science Development Program (RBC# 867)				
Correct November 1-2 Docket Page M-77, Item No. 236				
Assistant Professor				
136. William B. Hubbard	9/1 - 5/31	100	9	12,500
Source of Funds:				
NSF Grant for University Science Development Program				
Salary Rate of \$12,000 shown in November 1-2 Docket was in error. (RBC# 288)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>SPONSORED PROJECTS (continued)</u>				
<u>Astronomy and Physics</u>				
Appointment				
Assistant Professor				
137. Bruce T. Ulrich				
Astronomy	9/1 - 5/31	50	9	\$ 12,500
Physics	9/1 - 5/31	50	9	12,500
Source of Funds:				
NSF Grant for University				
Science Development Program				
(RBC# 938, 939)				
<u>Chemistry</u>				
Appointment				
Faculty Associate				
138. Robert W. Kramling	9/1 - 5/31	100	9	9,000
Source of Funds:				
NSF Grant for University				
Science Development Program				
(RBC# 593)				
<u>Computer Sciences</u>				
Appointment				
Instructor				
139. Richard B. Hodges	9/1 - 5/31	100	9	9,500
Source of Funds:				
NSF Grant for University				
Science Development Program				
(RBC# 762)				
<u>Government</u>				
Appointment				
Professor				
140. Emmette S. Redford	9/1 - 1/15	100	9	28,000
Source of Funds:				
Syracuse University Grant				
(RBC# 998)				
<u>Microbiology</u>				
Appointment				
Faculty Associate				
141. Henry R. Bose, Jr.	9/1 - 5/31	100	9	9,000
Source of Funds:				
NSF Grant for University				
Science Development Program				
(RBC# 1032)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>SPONSORED PROJECTS (continued)</u>				
<u>Physics</u>				
Appointment				
Visiting Associate Professor				
142. Yossef Dothan	10/1 - 12/31	100	9	\$ 18,000
Source of Funds:				
NSF Grant for University Science Development Program (RBC# 801)				
Assistant Professor				
143. John A. Campbell	9/1 - 5/31	100	9	12,000
Source of Funds:				
NSF Grant for University Science Development Program (RBC# 812, 664)				
<u>Psychology</u>				
Appointment				
Assistant Professor				
144. Martin Manosevitz	9/1 - 5/31	100	9	13,500
Source of Funds:				
NSF Grant for University Science Development Program (RBC# 682)				
Research Scientist (Faculty)				
145. Michael Kahn	9/1 - 5/31	76	9	14,000
Source of Funds:				
USPHS Contract				
Concurrent Employment:				
Psychology				
Associate Professor	9/1 - 5/31	24	9	14,000
(RBC# 681)				
Associate Professor				
146. Philip B. Gough	9/1 - 5/31	100	9	16,000
Source of Funds:				
NSF Grant for University Science Development Program (RBC# 683)				
<u>Zoology</u>				
Appointment				
Associate Professor				
147. Franklin H. Bronson	9/1 - 5/31	100	9	17,000
Source of Funds:				
NSF Grant for University Science Development Program (RBC# 766)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>SPONSORED PROJECTS</u>				
<u>Zoology (continued)</u>				
Appointment				
Assistant Professor				
148. J. Lawrence Fox	9/1 - 5/31	100	9	\$ 12,000
Source of Funds: NSF Grant for University Science Development Program (RBC# 686)				
Associate Professor				
149. Bob G. Sanders	9/1 - 5/31	100	9	17,000
Source of Funds: NSF Grant for University Science Development Program (RBC# 670)				
Research Scientist				
150. Alexander Faberge	9/1 - 1/15	100	9	15,500
Source of Funds: USPHS Contract				
Concurrent Employment:				
Zoology				
Lecturer	9/1 - 1/15	LWOP	9	15,500
	1/16 - 5/31	100		
(RBC# 656, 608)				
<u>Educational Psychology</u>				
Appointment				
Associate Director				
151. Emma L. Linn	9/1 - 9/18	100	12	12,000
Source of Funds: Office of Education Contract (RBC# 877)				
Appointment and Salary Increase				
Associate Director				
152. Grover B. Cunningham	9/1 - 8/31	80	12	\$ 15,900
Source of Funds: Office of Education Contract				
1967-68 Salary Rate			12	<u>15,000</u>
Rate Increase			<u>12</u>	<u>\$ 900</u>
(RBC# 943, 871)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>SPONSORED PROJECTS (continued)</u>				
<u>Civil Engineering</u>				
Appointment				
Research Engineer (Faculty)				
153. Walter L. Moore	9/1 - 5/31	12.5	9	\$ 19,000
Source of Funds: U.S. Department of Interior - Office of Water Resources Research Grant				
Concurrent Employment:				
Civil Engineering				
Professor (RBC# 995, 994)	9/1 - 5/31	87.5	9	19,000
<u>Electrical Engineering</u>				
Appointment				
Faculty Associate				
154. Curtis D. Johnson	9/1 - 5/31	100	9	9,000
Source of Funds: NSF Grant for University Science Development Program (RBC# 663)				
Assistant Professor				
155. Jamie C. Chapman	9/1 - 5/31	100	9	13,000
Source of Funds: NSF Grant for University Science Development Program (RBC# 785)				
<u>College of Pharmacy - Institute for Biomedical Research</u>				
Appointment				
Research Scientist Associate V				
156. Frederick S. Skelton	9/1 - 8/31	100	12	13,200
Source of Funds: NDEA Title IV Program Grant (RBC# 651)				
Research Scientist Associate V				
157. Franz Enzmann	10/1 - 8/31	100	12	12,000
Source of Funds: NDEA Title IV Program Grant (RBC# 944)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>SPONSORED PROJECTS (continued)</u>				
<u>Bureau of Engineering Research</u>				
Appointment				
Research Scientist (Faculty)				
158. John Sheffield	10/1 - 10/31	100	9	\$ 11,500
Source of Funds:				
Texas Atomic Energy Research Foundation				
Concurrent Employment:				
Physics				
Assistant Professor				
(1968-69 Only)	9/1 - 5/31	---	9	11,500
(RBC# 805)				
<u>CBA Research Center and</u>				
<u>CBA Kleberg Professorship</u>				
Appointment				
159. Eugene B. Konecchi				
CBA Research Center				
(Project Products Contract Funds)				
Project Director	9/1 - 11/30	67	12	32,000
CBA Kleberg Professorship				
(Current Restricted Funds)				
Alice G. K. Kleberg				
Professor	12/1 - 1/15	67	12	32,000
Concurrent Employment:				
Management				
Professor	9/1 - 5/31	33	9	23,900
(Special Faculty Assignment-Fall Semester)				
(RBC# 305, 635, 823, 1013, 1035)				
<u>Center for Highway Research</u>				
Appointment				
Research Engineer (Faculty)				
160. Hudson Matlock	9/1 - 1/31	12.5	9	16,500
Concurrent Employment:				
Civil Engineering				
Professor	9/1 - 5/31	87.5	9	16,500
(RBC# 992, 993)				
Research Engineer Associate V				
161. Robert L. Lytton	10/1 - 12/31	100	12	13,800
(RBC# 1001)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>SPONSORED PROJECTS (continued)</u>				
<u>Center for Plasma Physics and Thermonuclear Research</u>				
Reappointment				
Research Scientist (Faculty)				
162. Alan B. Macmahon	10/1 - 5/31	100	9	\$ 11,500
Source of Funds: Atomic Energy Commission Contract				
Previous appointment was at the same rate.				
Concurrent Employment:				
Physics				
Assistant Professor (1968-69 Only)	9/1 - 5/31	---	9	11,500
(RBC# 942)				
Research Scientist (Faculty)				
163. David W. Ross	10/1 - 5/31	100	9	11,500
Source of Funds: Atomic Energy Commission Contract				
Previous appointment was at the same rate.				
Concurrent Employment:				
Physics				
Assistant Professor (1968-69 Only)	9/1 - 5/31	---	9	11,500
(RBC# 941)				
<u>Defense Research Laboratory</u>				
Salary Increase				
Research Engineer Associate V				
164. Jerry V. Kahlbau				
To:	9/1 - 9/30	100	12	\$ 14,400
	10/1 - 8/31	100	12	15,000
From:	9/1 - 8/31	100	12	<u>14,400</u>
Rate Increase (RBC# 150)			<u>12</u>	<u>\$ 600</u>
Research Scientist Associate V				
165. F. Allen Collins				
To:	9/1 - 9/30	100	12	\$ 13,800
	10/1 - 8/31	100	12	14,400
From:	9/1 - 8/31	100	12	<u>13,800</u>
Rate Increase (RBC# 151)			<u>12</u>	<u>\$ 600</u>

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>SPONSORED PROJECTS (continued)</u>				
<u>Electronics Materials Research Laboratory</u>				
Appointment and Salary Increase				
Research Engineer Associate V				
166. Jackie L. Stone	9/1 - 5/31	100	12	\$ 15,000
Source of Funds:				
NASA Contract				
1967-68 Academic Rate				
			9	11,000
			12	
			equiv.	14,667
Rate Increase				
(RBC# 884)				
			<u>12</u>	<u>\$ 333</u>
<u>Environmental Health Engineering</u>				
Appointment				
Research Scientist (Faculty)				
167. Patrick R. Atkins	9/1 - 5/31	100	9	\$ 11,500
Concurrent Employment:				
Civil Engineering				
Assistant Professor	9/1 - 5/31	---	9	11,500
(RBC# 687, 706)				
Appointment and Salary Increase				
Special Research Associate				
168. Davis L. Ford	9/1 - 9/30	100	12	\$ 13,800
1967-68 Salary Rate				
			12	13,200
Rate Increase				
(RBC# 746)				
			<u>12</u>	<u>\$ 600</u>
<u>Research and Development Center for Teacher Education</u>				
Appointment				
Associate Professor (Coordinator - Faculty)				
169. Donald J. Veldman	9/1 - 1/31	50	9	\$ 14,500
Source of Funds:				
U.S. Office of Education Contract				
Concurrent Employment:				
Educational Psychology				
Associate Professor	9/1 - 5/31	50	9	14,500
(RBC# 772)				

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>SPONSORED PROJECTS</u>				
<u>Research and Development Center for Teacher Education (continued)</u>				
Appointment				
Co-Director (Faculty)				
170. Robert F. Peck	9/1 - 1/31	50	9	\$ 21,500
Source of Funds: U.S. Office of Education Contract				
Concurrent Employment: Educational Psychology Professor (RBC# 771)				
	9/1 - 5/31	50	9	21,500
Research Scientist (Faculty)				
171. Shirley Menaker	9/1 - 1/31	67	9	11,000
Source of Funds: U.S. Office of Education Contract				
Concurrent Employment: Educational Psychology Assistant Professor (RBC# 773)				
	9/1 - 5/31	33	9	11,000
Coordinator (Faculty)				
172. Frances F. Fuller	9/1 - 1/31	50	9	14,000
Source of Funds: U.S. Office of Education Contract				
Concurrent Employment: Educational Psychology Associate Professor (RBC# 770)				
	9/1 - 5/31	50	9	14,000
Co-Director (Faculty)				
173. Oliver H. Bown	9/1 - 1/31	33	9	17,500
Source of Funds: U.S. Office of Education Contract				
Concurrent Employment: Educational Psychology Professor (RBC# 832)				
	9/1 - 5/31	67	9	17,500

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>
<u>SPONSORED PROJECTS (continued)</u>				
<u>Extension Teaching and Field Service Bureau</u>				
Appointment				
Assistant Director				
174. Leon E. Cashaw	10/15 - 5/31	100	12	\$ 12,500
Source of Funds:				
U.S. Office of Education				
Contract				
(RBC# 1026)				

AUXILIARY ENTERPRISESStudent Health Center

Appointment

Physician, General Medicine				
175. William L. Kelly	9/1 - 8/31	50	12	17,000
(RBC# 759)				

Psychologist IV

176. Harold R. Thain	9/19 - 8/31	100	12	14,400
(RBC# 709)				

Resignation

Physician, General Medicine				
177. Joseph L. DesRosiers	9/1 - 8/31	50	12	18,000
Date of Resignation				
8/31/68				
(RBC# 1047)				

CURRENT RESTRICTED FUNDSJournalism Foundation

178. 1968-69 Budget for the Journalism Foundation:

The Board of Grants of the Journalism Foundation has approved the following budget for the fiscal year of September 1, 1968, to August 31, 1969:

From: Journalism Foundation - E. S. Fentress Awards

To: Fellowship -----	\$ 1,200
Two summer internships -----	1,600

From: Journalism Foundation - Various Donors

To: Development Program Expenses, Department of Journalism-	18,000
---	--------

For operation, maintenance, travel, scholarships, fellowships, payments for assistance in promotion, and other expenses essential to the Journalism Development Program.

This item includes expenditures which have been paid or encumbered since September 1.

Note: As other contributions are added to the Journalism Foundation during the year, they shall be added to the Various Donors Account unless otherwise directed by the donor, and expended under the Development Program Expense Account.
(RBC# 918)

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

CURRENT RESTRICTED FUNDS (continued)Accounting

Transfer of Funds

179. Amount of Transfer - \$1,170

To: Cost Accounting 329 Manual

From: Administrative Charges to Trust Funds

To close Account No. 30-2210-2100, Cost Accounting 329 Manual.
(RBC# 96)College of Business Administration,
Office of the DeanAppointment

Special Research Associate

180. Thomas E. Burke

9/1 - 8/31

100

12

\$ 20,000

Source of Funds:

CBA Foundation, Anonymous

Gifts

(RBC# 872)

Engineering Foundation181. Engineering Foundation Faculty Awards for Outstanding Performance
During 1967-68

The members of the Engineering Foundation have selected those on the following list to receive the Engineering Foundation Faculty Awards for bringing outstanding international recognition to the College of Engineering during the year 1967-68.

Billy H. Amstead, Professor, Mechanical Engineering	\$ 1,500
Francis X. Bostick, Jr., Associate Professor, Electrical Engineering	1,000
Ned H. Burns, Associate Professor, Civil Engineering	500
Keith H. Coats, Associate Professor, Petroleum Engineering	1,000
Phil M. Ferguson, Professor, Civil Engineering	1,000
Earnest F. Gloyna, Professor, Civil Engineering	2,000
William H. Hartwig, Professor, Electrical Engineering	1,000
Leonardt F. Kreisle, Associate Professor, Electrical Engineering	500
Alfred H. LaGrone, Professor, Electrical Engineering	1,000
Hudson Matlock, Professor, Civil Engineering	1,000
John J. McKetta, Jr., Professor, Chemical Engineering	4,500
Lymon C. Reese, Professor, Civil Engineering	1,500
Byron D. Tapley, Professor, Aerospace Engineering	1,000
Eugene H. Wissler, Professor, Chemical Engineering	1,000
Joseph A. Yura, Assistant Professor, Civil Engineering	500

TOTAL

\$19,000

<u>Item, Department, Title, Name</u>	<u>Period of Appointment</u>	<u>% Time</u>	<u>Full-time Salary</u>	
			<u>No. Mos.</u>	<u>Rate</u>

CURRENT RESTRICTED FUNDS (continued)Fine Arts Foundation - Music

Transfer of Funds

182. Amount of Transfer - \$10,000

To: Fine Arts Foundation - Music - Solo Artist Series
 From: Cultural Entertainment Committee - Other Expenses

Funds will be used to support the Solo Artist Series jointly sponsored by the Music Department and the Cultural Entertainment Committee.
 (RBC# 928)

Bureau of Engineering Research

Transfer Between Dissimilar Appropriations

183. Amount of Transfer - \$2,000

To: Continental-Shell-Sinclair - Maintenance and Operation
 From: Continental-Shell-Sinclair - Salaries

To establish a maintenance and operation account.
 (RBC# 987)

Hogg Foundation for Mental Health

Remove from Budget

Assistant to Director for Administration

184. David J. Latz	9/1 - 8/31	100	12	\$ 13,500
Deceased	10/2/68			
(RBC# 876)				

PERMANENT UNIVERSITY FUND BOND PROCEEDS

1. Appropriate \$35,000 from proceeds of Permanent University Fund Bonds to Littlefield Home Remodeling Allotment Account for furnishings and additional renovation.
2. Appropriate \$50,000 from proceeds of Permanent University Fund Bonds to Chancellor's Residence Allotment Account for carpets, draperies, and furnishings.

1968-69 BUDGET
 SALARY RATE INCREASES OF \$1,000 OR MORE INVOLVING APPOINTMENTS
 TO A DIFFERENT POSITION AND NEW AND DIFFERENT DUTIES
 Source of Funds - Departmental Salaries Unless Otherwise Specified

Item No.	Explanation	Present Status	Proposed Status	Effective Dates
1.	Stephanie H. Amster Art Academic Rate (RBC# 794)	Teaching Assistant \$4,800 (1967-68)	Instructor \$8,000	9/1/68
2.	Ronald A. Bain Physics Salary Rate Source of Funds: U.S. Air Force Contract (RBC# 756)	Laboratory Research Assistant II \$3,204 (1967-68)	Research Scientist Assistant I \$5,784	9/1-1/31
3.	Phil M. Ferguson Civil Engineering Center for Highway Research Academic Rate Dean T. U. Taylor Professorship - Current Restricted Funds Total Salary (9 mos.) (RBC# 978, 752)	Professor ($\frac{1}{2}$ T) Research Engineer (Faculty) ($\frac{1}{2}$ T) \$23,500 --- <u>\$23,500</u>	Professor, Dean T. U. Taylor Professor ($\frac{1}{2}$ T) Research Engineer (Faculty) ($\frac{1}{2}$ T) \$23,500 <u>2,500</u> <u>\$26,000</u>	9/1/68
4.	Will M. Foreman Data Processing Division Salary Rate (RBC# 1041)	Computer Programmer I \$8,520	System Analyst and Programmer II \$9,600	11/1/68
5.	Roberto R. Garcia Center for Highway Research Salary Rate Source of Funds: Government Contract- Payroll Clearing Account (RBC# 1038)	Technical Staff Assistant III \$5,028	Technical Staff Assistant IV \$6,168	11/1/68

Item No.	Explanation	Present Status	Proposed Status	Effective Dates
6.	Louis A. Hembree, Jr. Astronomy	Laboratory Research Assistant III		
	Meteorology		Research Scientist Assistant I	
	Salary Rate	\$4,200	\$5,268	10/1/68
	Source of Funds: Government Contract- Payroll Clearing Account (RBC# 948)			
7.	Laurence L. Hall Data Processing Division	Computer Programmer I	Computer Programmer II	
	Salary Rate (RBC# 1042)	\$7,800	\$8,880	11/1/68
8.	August A. Kaderka Physical Plant - Buildings & Grounds	Building Attendant		
	Physical Plant - Utilities		Building Utility Operator	
	Salary Rate (RBC# 983)	\$3,504	\$4,584	10/1/68
9.	Christa P. Mason Division of Extension English	Clerk-Typist	Senior Secretary	
	Salary Rate (RBC# 1028)	\$3,504	\$4,584	9/18/68
10.	Lucia M. Mitchell Office of the Dean - College of Arts and Sciences	Administrative Assistant	Administrative Services Officer	
	Salary Rate	\$7,440 (1967-68)	\$9,600	9/1/68
	Original Budget 1968-69 (RBC# 878)	\$8,160		

Item No.	Explanation	Present Status	Proposed Status	Effective Dates
11.	Bonnie L. Pura International Office Extension Teaching and Field Service Bureau	Student Group Advisor I	Assistant Instructor	
	Salary Rate - 12 mos. (RBC# 999)	\$5,268	\$7,200	10/7-6/30
12.	Robert M. Riddle Chemistry	Research Scientist Assistant I	Research Scientist Assistant III	
	Salary Rate	\$5,028 (1967-68)	\$7,440	9/1-11/30
	Source of Funds: U.S. Air Force Contract (RBC# 915)			
13.	Linda M. Schmidt Research and Develop- ment Center for Teacher Education (Office of Education Contract Funds)	Social Science Research Associate IV (F.T.)	Research Scientist (Faculty) (2/3T)	9/1-1/31
	Educational Psychology		Assistant Professor (1/3T)	
	Salary Rate-12 mos.	\$10,920 (1967-68)		
	Academic Rate-9 mos. (RBC# 893, 894)	\$8,190 (equiv.)	\$10,000	9/1/68
14.	Michael Selman Educational Psychology Psychology	Laboratory Research Assistant II		
	Computation Center		Computer Operator I	
	Salary Rate (RBC# 795)	\$3,504 (1967-68)	\$5,028	9/9/68
15.	Stephen J. Shawl Astronomy	Research Scientist Assistant I	Research Scientist Assistant II	
	Salary Rate	\$5,028	\$6,468	9/1-11/30
	Source of Funds: NSF Grant (RBC# 755)			

Item No.	Explanation	Present Status	Proposed Status	Effective Dates
16.	Susan A. Shapiro Marine Science Institute at Port Aransas	Technical Staff Assistant I		
	Office of the Dean - College of Fine Arts		Technical Staff Assistant III	
	Salary Rate (RBC# 947)	\$3,348	\$4,800	9/26/68
17.	Anne M. Shurtleff Learning Disabilities Center	Social Science Research Associate I		
	Research and Development Center for Teacher Education		Social Science Research Associate II	
	Salary Rate	\$5,028	\$6,468	9/1-1/31
	Source of Funds: Office of Education Contract (RBC# 758)			
18.	Henry R. Strauss Defense Research Laboratory	Research Scientist Assistant II		
	Center for Relativity Theory		Research Scientist Assistant III	
	Salary Rate	\$6,780	\$7,800	9/1-11/15
	Source of Funds: NSF Grant for University Science Development Program (RBC# 845)			
19.	Paul C. White Center for Relativity Theory	Research Scientist Assistant II	Research Scientist Assistant III	
	Salary Rate	\$6,780 (1967-68)	\$7,800	9/1-10/4
	Source of Funds: NSF Grant for University Science Development Program (RBC# 757)			

Item No.	Explanation	Present Status	Proposed Status	Effective Dates
20.	Eugene Wisdom Finance	Lecturer (1/3T)	Associate Professor (F.T.)	
	Academic Rate	\$14,000 (1967-68)	\$22,500	9/1/68
	Sources of Funds: General Budget Funds (\$17,500), and Cur- rent Restricted Funds - Texas Life Convention (\$5,000) (RBC# 159, 873)			
21.	Harold A. Wolf Finance	Visiting Professor	Professor	
	Academic Rate (RBC# 914)	\$17,000 (1967-68)	\$18,000	1/16/68
22.	Marion E. Woolsey Microbiology	Research Scientist Associate I	Assistant Professor	
	Salary Rate-12 mos.	\$7,104 (1967-68)		
	Academic Rate-9 mos. (RBC# 796)	\$5,328 (equiv.)	\$10,000	9/1/68

THE UNIVERSITY OF TEXAS AT AUSTIN
 AUG 31, 1968 BALS REAPPROPRIATED TO SEPT 1, 1968

14-0210-0050 GENERAL COLLEGE ADMINISTRATION-THE UNIVERSITY PERSONNEL OFFICE-MAINTENANCE, OPERATION & EQUIPMENT	\$	29.21-
14-0227-0020 GENERAL COLLEGE ADMINISTRATION-DATA PROCESSING DIVISION-WAGES	\$	704.44
14-0227-0075 GENERAL COLLEGE ADMINISTRATION-DATA PROCESSING DIVISION-TRAVELING EXPENSES	\$	93.62
14-0231-0010 COUNSELING CENTER SALARIES	\$	1,200.00
14-0231-0080 COUNSELING CENTER SPECIAL EQUIPMENT	\$	3,175.00
14-0235-1020 GENERAL COLLEGE ADMINISTRATION-OFFICE OF THE REGISTRAR-WAGES	\$	1,972.75
14-0237-1020 GENERAL COLLEGE ADMINISTRATION-OFFICE OF THE REGISTRAR-REGISTRATION SUPERVISION-WAGES	\$	235.20
14-0250-3050 GENERAL COLLEGE ADMINISTRATION-TESTING & COUNSELING CENTER-MAINTENANCE, OPERATION & EQUIPT.	\$	262.42
14-0250-3054 GENERAL COLLEGE ADMINISTRATION-TESTING & COUNSELING CENTER-TEST SCORING, SUPPLIES & MISC.		

THE UNIVERSITY OF TEXAS AT AUSTIN
 AUG 31, 1968 BALS REAPPROPRIATED TO SEPT 1, 1968

	\$	64.34-
14-0250-3080 MEASUREMENT AND EVALUATION CENTER SPECIAL EQUIPMENT (LEASING)	\$	10,090.00
14-0255-1010 GENERAL COLLEGE ADMINISTRATION-STUDENT FINANCIAL AID - SALARIES	\$	258.38
14-0265-1020 GENERAL COLLEGE ADMINISTRATION-INTERNATIONAL OFFICE-WAGES	\$	5.43
14-0265-1050 GENERAL COLLEGE ADMINISTRATION-INTERNATIONAL OFFICE-MAINTENANCE, OPERATION & EQUIPMENT	\$	116.57-
14-0270-1250 GENERAL COLLEGE ADMINISTRATION-TEACHER PLACEMENT SERVICE-MAINTENANCE, OPERATION & EQUIPMENT	\$	27.02-
14-0604-1050 CHORAL ORGANIZATIONS MAINTENANCE, OPERATION, AND EQUIPMENT	\$	21.27-
14-0605-1050 UNIVERSITY DEVELOPMENT BOARD MAINTENANCE, OPERATION, AND EQUIPMENT	\$	15.87-
14-0605-1055 UNIVERSITY DEVELOPMENT BOARD PUBLISHING AND MAILING		

THE UNIVERSITY OF TEXAS AT AUSTIN
 AUG 31, 1968 BALANCE REAPPROPRIATED TO SEPT 1, 1968

	\$	900.91-
14-0609-1250 GENERAL INSTITUTIONAL EXPENSES-STENOGRAPHIC BUREAU-MAINTENANCE, OPERATION & EQUIPMENT	\$	2.50-
14-0610-1050 UNIVERSITY NEWS AND INFORMATION SERVICE MAINTENANCE, OPERATION AND EQUIPMENT	\$	2,482.21
14-0610-1058 UNIVERSITY NEWS AND INFORMATION SERVICE SPECIAL INFORMATION	\$	5,769.61
14-0610-1075 UNIVERSITY NEWS AND INFORMATION SERVICE TRAVELING EXPENSES	\$	411.93-
14-0610-1080 UNIVERSITY NEWS AND INFORMATION SERVICE SPECIAL EQUIPMENT	\$	114.73
14-1410-2050 RESIDENT INSTRUCTION & DEPARTMENTAL RESEARCH SCHOOL OF ARCHITECTURE-ARCHITECTURE & PLANNING MAINTENANCE, OPERATION & EQUIPMENT GEN. BUDGET APPRO.-ARCHITECTURE-MAINT., OPER., & EQUIP	\$	320.23-
14-1410-2080 RESIDENT INSTRUCTION SCHOOL OF ARCHITECTURE ARCHITECTURE AND PLANNING SPECIAL EQUIPMENT	\$	14.03
14-1802-2050 RESIDENT INSTRUCTION & DEPARTMENTAL RESEARCH COLLEGE OF ARTS & SCIENCES-ANTHROPOLOGY-MAINT., OPERATION & EQUIPMENT		

THE UNIVERSITY OF TEXAS AT AUSTIN
 AUG 31, 1968 BALS REAPPROPRIATED TO SEPT 1, 1968

	\$	321.50-
14-1802-2080 RESIDENT INSTRUCTION & DEPARTMENTAL RESEARCH- COLLEGE OF ARTS & SCIENCES-ANTHROPOLOGY-SPECIAL EQUIPMENT		
	\$	6,825.00
14-1805-2050 RESIDENT INSTRUCTION & DEPARTMENTAL RESEARCH COLLEGE OF ARTS & SCIENCES-ASTRONOMY-MAINT., OPERATION & EQUIPMENT		
	\$	20.67-
14-1805-2080 RESIDENT INSTRUCTION-COLLEGE OF ARTS & SCIENCES ASTRONOMY-SPECIAL EQUIPMENT		
	\$	1,813.08
14-1805-2095 RESIDENT INSTRUCTION COLLEGE OF ARTS AND SCIENCES ASTRONOMY PRODUCTION COST		
	\$	8,494.54
14-1812-2050 COLLEGE OF ARTS & SCIENCES-BOTANY-MAINTENANCE, OPERATION, & EQUIPMENT		
	\$	281.98-
14-1812-2080 BOTANY SPECIAL EQUIPMENT		
	\$	686.62
14-1816-2050 COLLEGE OF ARTS & SCIENCES-CHEMISTRY-MAINTENANCE, OPERATION, & EQUIPMENT		
	\$	480.54-
14-1820-2080 RESIDENT INSTRUCTION COLLEGE OF ARTS AND SCIENCES CLASSICS SPECIAL EQUIPMENT		

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	\$	248.72
14-1822-2050 RESIDENT INSTRUCTION COLLEGE OF ARTS AND SCIENCES COMPUTER SCIENCES MAINTENANCE, OPERATION, AND EQUIPMENT	\$	234.79-
14-1822-2080 RESIDENT INSTRUCTION COLLEGE OF ARTS AND SCIENCES COMPUTER SCIENCES - SPECIAL EQUIPMENT	\$	971.39
14-1824-2050 COLLEGE OF ARTS & SCIENCES-ECONOMICS-MAINTENANCE, OPERATION, & EQUIPMENT	\$	127.44-
14-1824-2084 RESIDENT INSTRUCTION COLLEGE OF ARTS AND SCIENCES ECONOMICS MATCHING ACCT. 26-1860-1980 EQUIP. ONLY	\$.89
14-1828-2002 COLLEGE OF ARTS & SCIENCES-ENGLISH-TEACHING ASSISTANTS	\$	1,623.95
14-1828-2050 COLLEGE OF ARTS & SCIENCES-ENGLISH-MAINTENANCE OPERATION, & EQUIPMENT	\$	529.87-
14-1832-2084 RESIDENT INSTRUCTION COLLEGE OF ARTS AND SCIENCES GEOGRAPHY MATCHING ACCT. 26-1860-2580 EQUIP. ONLY	\$	6.82
14-1836-2007 RESIDENT INSTRUCTION & DEPARTMENTAL RESEARCH- COLLEGE OF ARTS & SCIENCES-GEOLOGY-INTERSESSION SALARIES	\$	2,100.00
14-1836-2008 RESIDENT INSTRUCTION & DEPARTMENTAL RESEARCH- COLLEGE OF ARTS & SCIENCES-GEOLOGY-INTERSESSION TEACHING ASSISTANTS		

	\$	1,613.00
14-1836-2026 RESIDENT INSTRUCTION & DEPARTMENTAL RESEARCH- COLLEGE OF ARTS & SCIENCES-GEOLOGY-INTERSESSION ASSISTANTS	\$	200.00
14-1836-2050 COLLEGE OF ARTS & SCIENCES-GEOLOGY-MAINTENANCE, OPERATION, & EQUIPMENT	\$	3,156.07-
14-1840-2050 COLLEGE OF ARTS & SCIENCES-GERMANIC LANGUAGES MAINTENANCE, OPERATION, & EQUIPMENT	\$	20.41-
14-1844-2050 COLLEGE OF ARTS & SCIENCES-GOVERNMENT-MAINTENANCE, OPERATION & EQUIPMENT	\$	199.37-
14-1844-2080 RESIDENT INSTRUCTION & DEPARTMENTAL RESEARCH- COLLEGE OF ARTS & SCIENCES-GOVERNMENT-SPECIAL EQUIPMENT	\$	2,425.27
14-1848-2050 COLLEGE OF ARTS & SCIENCES-HISTORY-MAINTENANCE, OPERATION, & EQUIPMENT	\$	572.02-
14-1848-2080 RESIDENT INSTRUCTION-COLLEGE OF ARTS AND SCIENCES HISTORY-SPECIAL EQUIPMENT	\$	205.31
14-1848-2084 RESIDENT INSTRUCTION COLLEGE OF ARTS AND SCIENCES HISTORY MATCHING ACCT. 26-1860-3980 EQUIP. ONLY		

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	\$	313.39
14-1852-2050 COLLEGE OF ARTS & SCIENCES-HOME ECONOMICS MAINTENANCE, OPERATION, & EQUIPMENT	\$	370.57-
14-1852-2080 RESIDENT INSTRUCTION-COLLEGE OF ARTS AND SCIENCES HOME ECONOMICS-SPECIAL EQUIPMENT	\$	542.74
14-1852-2094 RESIDENT INSTRUCTION COLLEGE OF ARTS AND SCIENCES HOME ECONOMICS MATCHING ACCT. 26-1860-4580 EQUIP. ONLY	\$	5.97
14-1858-2050 RESIDENT INSTRUCTION COLLEGE OF ARTS AND SCIENCES LINGUISTICS MAINT., OPERATION, & EQUIPMENT	\$	260.26-
14-1860-2050 COLLEGE OF ARTS & SCIENCES-MATHEMATICS-MAINTENANCE OPERATION & EQUIPMENT	\$	177.21-
14-1860-2080 MATHEMATICS SPECIAL EQUIPMENT	\$	780.00
14-1862-2050 COLLEGE OF ARTS & SCIENCES-MICROBIOLOGY-MAINT., OPERATION, & EQUIPMENT	\$	488.82-
14-1862-2080 COLLEGE OF ARTS & SCIENCES-MICROBIOLOGY-SPECIAL EQUIPMENT		

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	\$	8,530.00
14-1868-2010 COLLEGE OF ARTS & SCIENCES-PHYSICS-OTHER SALARIES	\$	133.79
14-1868-2080 COLLEGE OF ARTS & SCIENCES-PHYSICS-SPECIAL EQUIPMENT	\$	30.35
14-1872-2004 COLLEGE OF ARTS & SCIENCES-PSYCHOLOGY-S. S. TEACHING ASSISTANTS	\$	800.00
14-1872-2050 COLLEGE OF ARTS & SCIENCES-PSYCHOLOGY-MAINTENANCE, OPERATION & EQUIPMENT	\$	1,264.49-
14-1872-2080 RESIDENT INSTRUCTION-PSYCHCLOGY-SPECIAL EQUIPMENT	\$	83.04
14-1874-2050 COLLEGE OF ARTS & SCIENCES-ROMANCE LANGUAGES MAINTENANCE, OPERATION, & EQUIPMENT	\$	2,910.58-
14-1874-2080 COLLEGE OF ARTS & SCIENCES-ROMANCE LANGUAGES SPECIAL EQUIPMENT	\$	106.64-
14-1878-2050 RESIDENT INSTRUCTION COLLEGE OF ARTS AND SCIENCES SLAVIC LANGUAGES MAINTENANCE AND OPERATION		

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	\$	21.46-
14-1882-2050 COLLEGE OF ARTS & SCIENCES-SOCIOLOGY-MAINTENANCE, OPERATION, & EQUIPMENT	\$	82.14-
14-1894-2050 COLLEGE OF ARTS & SCIENCES-ZOOLOGY-MAINTENANCE OPERATION, & EQUIPMENT	\$	4,408.97-
14-1894-2051 COLLEGE OF ARTS & SCIENCES-ZOOLOGY-MAINTENANCE & EQUIPMENT-BIOLOGY	\$	107.52-
14-1894-2030 RESIDENT INSTRUCTION-ZOOLOGY-SPECIAL EQUIPMENT	\$	30,000.00
14-1895-2050 CENTER FOR ASIAN STUDIES MAINT., OPERATION, & EQUIPMENT	\$	52.29-
14-1896-2050 LANGUAGE AND AREA CENTER FOR LATIN AMERICAN STUDIES MAINTENANCE, OPERATION & EQUIPMENT	\$	32.19-
14-1897-2020 LANGUAGE LABORATORY WAGES	\$	66.25
14-1897-2030 OFFICE OF THE DEAN OF ARTS AND SCIENCES SPECIAL EQUIPMENT		

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	\$ 4,914.20
14-1898-2050 MIDDLE EAST LANGUAGE AND AREA CENTER MAINTENANCE, OPERATION & EQUIPMENT	\$ 123.81-
14-1899-2030 OFFICE OF THE DEAN OF ARTS AND SCIENCES VISITING LECTURERS	\$ 1,325.00
14-1899-2050 OFFICE OF THE DEAN OF ARTS AND SCIENCES MAINT., OPERATION & EQUIPMENT	\$ 1,102.64-
14-1899-2074 TRAVEL FOR ARTS AND SCIENCES FACULTY	\$ 315.01-
14-1899-2080 OFFICE OF THE DEAN OF ARTS AND SCIENCES SPECIAL EQUIPMENT	\$ 750.00
14-2210-2050 COLLEGE OF BUSINESS ADMINISTRATION-ACCOUNTING MAINTENANCE, OPERATION, & EQUIPMENT	\$ 200.60-
14-2240-2050 COLLEGE OF BUSINESS ADMINISTRATION-FINANCE MAINTENANCE, OPERATION & EQUIPMENT	\$ 623.35-
14-2255-2050 COLLEGE OF BUSINESS ADMINISTRATION-MANAGEMENT- MAINTENANCE, OPERATION & EQUIPMENT	\$ 113.01-
14-2270-2050 COLLEGE OF BUSINESS ADMINISTRATION-MARKETING ADMIN MAINTENANCE, OPERATION & EQUIPMENT	

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	\$	209.46-
14-2285-2020 RESIDENT INSTRUCTION-COLLEGE OF BUSINESS ADMINISTRATION-OFFICE OF THE DEAN OF BUSINESS- WAGES	\$	56.10
14-2285-2050 COLLEGE OF BUSINESS ADMINISTRATION-OFFICE OF THE DEAN-MAINTENANCE, OPERATION, & EQUIPMENT	\$	855.50-
14-2285-2080 OFFICE OF THE DEAN OF BUSINESS ADMINISTRATION SPECIAL EQUIPMENT	\$	140.00
14-2420-2050 SCHOOL OF COMMUNICATION MAINTENANCE, OPERATION, AND EQUIPMENT	\$	169.14-
14-2430-2050 RADIO-TELEVISION FILM MAINTENANCE, OPERATION AND EQUIPMENT	\$	529.77-
14-2430-2080 RESIDENT INSTRUCTION SCHOOL OF COMMUNICATION JOURNALISM SPECIAL EQUIPMENT	\$	34.16
14-2440-2080 SPEECH SPECIAL EQUIPMENT		

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	\$	5,000.00
14-2495-2080 RESIDENT INSTRUCTION SCHOOL OF COMMUNICATION OFFICE OF THE DIRECTOR SPECIAL EQUIPMENT	\$	78.91
14-2605-2050 COLLEGE OF EDUCATION-CURRICULUM & INSTRUCTION MAINTENANCE, OPERATION & EQUIPMENT	\$	575.92-
14-2620-2050 COLLEGE OF EDUCATION-EDUCATIONAL PSYCHOLOGY MAINTENANCE, OPERATION, & EQUIPMENT	\$	87.69-
14-2628-2009 HISTORY AND PHILOSOPHY OF EDUCATION S. S. FACULTY ASSISTANCE	\$	32.21
14-2628-2050 COLLEGE OF EDUCATION-HISTORY & PHILOSOPHY OF EDUCATION-MAINTENANCE, OPERATION & EQUIPMENT	\$	221.72-
14-2635-2050 COLLEGE OF EDUCATION-PHYSICAL & HEALTH EDUCATION MAINTENANCE, OPERATION & EQUIPMENT	\$	258.58-
14-2640-2050 RESIDENT INSTRUCTION COLLEGE OF EDUCATION SPECIAL EDUCATION MAINTENANCE, OPERATION AND EQUIPMENT		

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	\$	21.35-
14-2665-2080 RESIDENT INSTRUCTION & DEPARTMENTAL RESEARCH- COLLEGE OF EDUCATION-OFFICE OF THE DEAN OF EDUCATION-SPECIAL EQUIPMENT	\$	103.96
14-2670-2050 COLLEGE OF EDUCATION-OFFICE OF JUNIOR COLLEGE CONSULTANT-MAINTENANCE, OPERATION & EQUIPMENT	\$	79.70-
14-3005-2050 COLLEGE OF ENGINEERING-AERO-SPACE ENGINEERING MAINTENANCE, OPERATION, & EQUIPMENT	\$	336.14-
14-3005-2080 RESIDENT INSTRUCTION COLLEGE OF ENGINEERING AERO- SPACE ENGINEERING SPECIAL EQUIPMENT	\$	39,504.54
14-3015-2088 RESIDENT INSTRUCTION COLLEGE OF ENGINEERING ARCHITECTURAL ENGINEERING MATCHING FUNDS FOR GRANT GE 9509 SEE ALSO ACCOUNT 26-1011-3908	\$	12.56
14-3025-2050 COLLEGE OF ENGINEERING-CHEMICAL ENGINEERING MAINTENANCE, OPERATION, & EQUIPMENT	\$	5,392.87-
14-3030-2010 COLLEGE OF ENGINEERING-CIVIL ENGINEERING-OTHER SALARIES		

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	\$	160.21
14-3030-2030 COLLEGE OF ENGINEERING-CIVIL ENGINEERING-VISITING LECTURERS	\$	1,800.00
14-3030-2050 COLLEGE OF ENGINEERING-CIVIL ENGINEERING-MAINT., OPERATION, & EQUIPMENT	\$	388.17-
14-3031-2050 CIVIL ENGINEERING-METEOROLOGY MAINTENANCE, OPERATION, AND EQUIPMENT	\$	82.80-
14-3055-2050 COLLEGE OF ENGINEERING-ELECTRICAL ENGINEERING MAINTENANCE, OPERATION & EQUIPMENT	\$	2,444.95-
14-3075-2050 COLLEGE OF ENGINEERING-MECHANICAL ENGINEERING MAINTENANCE, OPERATION & EQUIPMENT	\$	1,164.40-
14-3085-2050 COLLEGE OF ENGINEERING-PETROLEUM ENGINEERING MAINTENANCE, OPERATION & EQUIPMENT	\$	2,425.62-
14-3095-2050 COLLEGE OF ENGINEERING-OFFICE OF THE DEAN MAINTENANCE, OPERATION & EQUIPMENT	\$	893.24-
14-3095-2080 RESIDENT INSTRUCTION-COLLEGE OF ENGINEERING- OFFICE OF THE DEAN OF ENGINEERING-SPECIAL EQUIPT.		

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	\$	130,678.84
14-3405-2050 COLLEGE OF FINE ARTS-ART-MAINTENANCE, OPERATION, & EQUIPMENT	\$	721.50-
14-3410-2050 RESIDENT INSTRUCTION-COLLEGE OF FINE ARTS-ART- TEACHING GALLERY-MAINT., OPERATION, & EQUIPMENT.	\$	1,876.20-
14-3430-2050 COLLEGE OF FINE ARTS-DRAMA-MAINTENANCE, OPERATION & EQUIPMENT	\$	291.62-
14-3460-2050 COLLEGE OF FINE ARTS-MUSIC-MAINTENANCE, OPERATION & EQUIPMENT	\$	586.75-
14-3460-2080 RESIDENT INSTRUCTION COLLEGE OF FINE ARTS MUSIC SPECIAL EQUIPMENT	\$	8,374.40
14-3490-2050 COLLEGE OF FINE ARTS-OFFICE OF THE DEAN-MAINT., OPERATION & EQUIPMENT	\$	14.79-
14-3490-2075 COLLEGE OF FINE ARTS-OFFICE OF THE DEAN-TRAVELING EXPENSES	\$	561.50-
14-3491-2050 COLLEGE OF FINE ARTS-OFFICE OF THE DEAN-FINE ARTS PROJECTS-MAINTENANCE, OPERATION & EQUIPMENT		

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\$ 40.00-

14-4210-2003
 GRADUATE SCHOOL OF LIBRARY SCIENCE-S. S. TEACHING
 SALARIES

\$ 334.06

14-4605-2003
 COLLEGE OF PHARMACY-S. S. TEACHING SALARIES

\$ 3,333.00

14-4605-2080
 COLLEGE OF PHARMACY-SPECIAL EQUIPMENT

\$ 904.50

14-5005-2050
 GRADUATE SCHOOL OF SOCIAL WORK-MAINTENANCE,
 OPERATION & EQUIPMENT

\$ 155.49-

14-5205-2050
 GRADUATE SCHOOL-OFFICE OF THE DEAN-MAINTENANCE,
 OPERATION, & EQUIPMENT

\$ 2,100.34-

14-5490-2050
 MILITARY PROGRAMS-MILITARY PROPERTY CUSTODIAN-
 MAINTENANCE, OPERATION & EQUIPMENT

\$ 226.69

14-5805-2080
 RESIDENT INSTRUCTION & DEPARTMENTAL RESEARCH-
 PHYSICAL TRAINING-PHYSICAL TRAINING FOR MEN-
 SPECIAL EQUIPMENT

\$ 856.02

14-6265-1275
 ATTENDANCE AT PROFESSIONAL MEETINGS

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	\$	1,480.60
14-6805-6080 LIBRARY SPECIAL EQUIPMENT	\$	8,185.00
14-6825-6050 LIBRARY-LAW LIBRARY-MAINTENANCE, OPERATION, & EQUIPMENT	\$	382.84-
14-7402-0008 ORGANIZED RESEARCH-SPECIAL EQUIPMENT - RESEARCH IN ANTHROPOLOGY	\$	2,138.94
14-7406-0101 MCDONALD OBSERVATORY SALARIES	\$	182.48
14-7406-0105 MCDONALD OBSERVATORY MAINTENANCE AND OPERATION	\$	505.63-
14-7406-0205 RADIO-ASTRONOMY MAINTENANCE, OPERATION & EQUIPMENT	\$	598.13-
14-7407-0005 ORGANIZED RESEARCH-RESEARCH IN BOTANY-HERBARIUM MAINTENANCE, OPERATION, & EQUIPMENT	\$	484.54-
14-7414-0001 RESEARCH IN CLASSICS-ARCHAEOLOGICAL EXPEDITION TO CORINTH, GREECE SALARIES		

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\$ 2.50

14-7414-0005
 RESEARCH IN CLASSICS-ARCHAEOLOGICAL
 EXPEDITION TO CORINTH, GREECE MAINTENANCE &
 OPERATION

\$ 600.00

14-7430-0001
 ORGANIZED RESEARCH-RESEARCH IN TEXAS HISTORY
 SALARIES

\$ 205.32

14-7430-0005
 ORGANIZED RESEARCH-RESEARCH IN TEXAS HISTORY
 MAINTENANCE, OPERATION, & EQUIPMENT

\$ 88.24-

14-7442-5005
 ORGANIZED RESEARCH-RESEARCH IN NUCLEAR PHYSICS-
 MAINTENANCE AND OPERATION

\$ 669.38-

14-7451-0505
 ORGANIZED RESEARCH-POPULATION RESEARCH CENTER-
 MAINTENANCE, OPERATION & EQUIPMENT

\$ 249.68-

14-7455-0005
 ORGANIZED RESEARCH-BUREAU OF BUSINESS RESEARCH
 MAINTENANCE, OPERATION, & EQUIPMENT

\$ 34.59-

14-7456-0005
 ORGANIZED RESEARCH MAINTENANCE AND OPERATION
 CENTER FOR COMMUNICATION RESEARCH

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	\$	13.78-
14-7456-0008 ORGANIZED RESEARCH BUREAU OF COMMUNICATION RESEARCH SPECIAL EQUIPMENT	\$	30.12
14-7457-0005 ORGANIZED RESEARCH-BUREAU OF ECONOMIC GEOLOGY- MAINTENANCE, OPERATION, & EQUIPMENT	\$	264.90-
14-7458-0005 RADIOCARBON LABORATORY MAINTENANCE, OPERATION AND EQUIPMENT	\$	47.50-
14-7459-0005 ORGANIZED RESEARCH-BUREAU OF ENGINEERING RESEARCH MAINTENANCE, OPERATION, & EQUIPMENT	\$	306.74-
14-7463-2005 ORGANIZED RESEARCH CELL RESEARCH INSTITUTE MAINTENANCE, OPERATION, AND EQUIPMENT	\$	110.83-
14-7463-5004 CENTER FOR RESEARCH IN WATER RESOURCES MATCHING FUNDS FOR UT67-1-SEE ACCT. 26-1404-4500	\$	3,958.78
14-7463-5008 ORGANIZED RESEARCH MATCHING FUNDS FOR GRANTS CENTER FOR RESEARCH IN WATER RESOURCES	\$	43,804.25
14-7464-1005 CENTER FOR STATISTICAL MECHANICS AND THERMODYNAMICS MAINTENANCE AND OPERATION		

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	\$	1,192.25-
14-7465-0005 ORGANIZED RESEARCH-CLAYTON FOUNDATION BIOCHEMICAL INSTITUTE-MAINTENANCE, OPERATION, & EQUIPMENT	\$	10.90-
14-7466-0005 COMMUNICATION CENTER MAINTENANCE, OPERATION AND EQUIPMENT	\$	130.48-
14-7466-0006 COMMUNICATION CENTER-SPECIAL EQUIPMENT	\$	631.58
14-7467-0005 ORGANIZED RESEARCH-COMPUTATION CENTER-MAINTENANCE & OPERATION	\$	575.60-
14-7472-0005 ENVIRONMENTAL STUDIES PROGRAM MAINTENANCE AND OPERATION	\$	1,371.26-
14-7474-0005 FOLKLORE RESEARCH MAINTENANCE AND OPERATION	\$	60.03-
14-7475-0005 ORGANIZED RESEARCH-HUMANITIES RESEARCH CENTER- MAINTENANCE, OPERATION, & EQUIPMENT	\$	1,157.88-
14-7477-0005 ORGANIZED RESEARCH-INSTITUTE OF LATIN AMERICAN STUDIES-MAINTENANCE, OPERATION & EQUIPMENT		

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	\$	387.90-
14-7479-0005 ORGANIZED RESEARCH-PORT ARANSAS MARINE INSTITUTE MAINTENANCE, OPERATION & EQUIPMENT	\$	17.64-
14-7481-0005 ORGANIZED RESEARCH-INSTITUTE OF PUBLIC AFFAIRS MAINTENANCE, OPERATION & EQUIPMENT	\$	385.69-
14-7482-0005 ORGANIZED RESEARCH THE JOURNAL OF ECONOMIC ISSUES MAINTENANCE AND OPERATION	\$	55.13-
14-7484-0005 LABORATORY FOR COMPUTER-ASSISTED INSTRUCTION MAINTENANCE, OPERATION AND EQUIPMENT	\$	245.61-
14-7486-0005 LEARNING DISABILITIES CENTER MAINTENANCE, OPERATION AND EQUIPMENT.	\$	109.77-
14-7487-5005 ORGANIZED RESEARCH-MASS SPECTROMETRY LABORATORY- MAINTENANCE AND OPERATION	\$	78.78-
14-7491-1005 RESEARCH AND DEVELOPMENT CENTER FOR THE COLLEGE INSTRUCTION OF SCIENCE AND MATHEMATICS MAINTENANCE AND OPERATION		

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	\$	671.49
14-7493-0005 ORGANIZED RESEARCH-SOUTHWESTERN SOCIAL SCIENCE QUARTERLY-MAINTENANCE & OPERATION	\$	55.97-
14-7825-5050 DIVISION OF EXTENSION-EXTENSION TEACHING & FIELD SERVICE BUREAU-MAINTENANCE, OPERATION & EQUIPMENT	\$	169.90-
14-7830-5050 EXTENSION-DIVISION OF EXTENSION-EXTENSION TEACHING AND FIELD SERVICE BUREAU-CORRESPONDENCE DIV.-MAINTENANCE & OPERATION	\$	69.03-
14-7870-5010 DIVISION OF EXTENSION-VISUAL INSTRUCTION BUREAU SALARIES	\$	182.37
14-7890-5050 DIVISION OF EXTENSION-OFFICE OF THE DEAN- MAINTENANCE, OPERATION & EQUIPMENT	\$	1.50-
14-8606-8080 PHYSICAL PLANT-DEPT. OF BUILDINGS & GROUNDS- FURNITURE AND GENERAL EQUIPMENT	\$	8,588.23
14-8606-8099 PHYSICAL PLANT DEPT. OF BUILDINGS AND GROUNDS SPECIAL EQUIPMENT PHYSICAL PLANT DEPT. OF BUILDINGS AND GROUNDS SPECIAL EQUIPMENT	\$	66.29
14-8606-8150 PHYSICAL PLANT-DEPT. OF BUILDINGS & GROUNDS- MAINTENANCE, REPAIRS AND EQUIPMENT		

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\$ 991.96

14-8610-8150
 PHYSICAL PLANT-DEPT. OF UTILITIES-MAINT. & EQUIPT.

\$ 112.63

14-8612-3100
 PHYSICAL PLANT-IMPROVEMENTS, REMODELING & MAJOR
 REPAIRS-ALLOTMENT ACCOUNT

\$ 36,286.10

14-8612-8304
 PHYSICAL PLANT IMPROVEMENTS, REMODELING AND MAJOR
 REPAIRS REMODELING LARGE LECTURE HALLS IN WAGGENER
 HALL

\$ 1,000.00

14-8612-8321
 PHYSICAL PLANT IMPROVEMENTS, REMODELING AND MAJOR
 REPAIRS WELL SAMPLE LIBRARY-BUILDINGS 18B AND 1D

\$ 3.11

14-8612-8391
 PHYSICAL PLANT IMPROVEMENTS, REMODELING AND MAJOR
 REPAIRS IMPROVEMENT OF ROOM 8-6 WEST MALL OFFICE
 BUILDING

\$ 1,317.52

14-8612-8393
 PHYSICAL PLANT IMPROVEMENTS, REMODELING AND MAJOR
 REPAIRS IMPROVEMENT OF LIGHTING IN ROOMS 111, 113
 AND 115 OF TOWNES HALL

\$ 1,015.97

14-8612-8396
 PHYSICAL PLANT IMPROVEMENTS, REMODELING AND MAJOR
 REPAIRS REMODELING FACULTY LIBRARY-TOWNES HALL

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	\$	1,417.01
14-8612-8400 PHYSICAL PLANT IMPROVEMENTS, REMODELING AND MAJOR REPAIRS REMODELING ROOMS 330 AND 311 PHYSICS BUILDING	\$	1,904.40
14-8612-8403 PHYSICAL PLANT IMPROVEMENTS, REMODELING AND MAJOR REPAIRS INSTALLATION OF AUDIO-VISUAL BLINDS	\$	316.99
14-8612-8410 PHYSICAL PLANT INSTALLATION OF FACILITIES FOR MILLIMETER WAVE PROJECT AT McDONALD OBSERVATORY	\$	16.88
14-8612-8419 PHYSICAL PLANT LIGHTING NEEDS IN HOME ECONOMICS BUILDING	\$	217.42
14-8612-8425 PHYSICAL PLANT REMODELING ROOM 414 WAGGENER HALL	\$	133.18
14-8612-8429 PHYSICAL PLANT REMODELING WOOLDRIGE HALL	\$	9,501.99
14-8612-8430 PHYSICAL PLANT REMODELING SUTTON HALL	\$	2,655.43
14-8612-8435 PHYSICAL PLANT ELECTRICAL IMPROVEMENTS- WAGGENER HALL 225	\$	147.45
14-8612-8436 PHYSICAL PLANT REMODELING PHARMACY LIBRARY	\$	395.24
14-8612-8437 PHYSICAL PLANT		

IMPROVEMENTS FOR WOMENS PLAYING FIELD	\$	510.75
14-8612-8438 PHYSICAL PLANT REMODELING BASEMENT IN HOME ECONDMICS BUILDING	\$	3,853.39
14-8612-8440 PHYSICAL PLANT REMODELING ROOM 202 PHYSICS BUILDING	\$	311.61
14-8612-8442 IMPROVEMENTS, REMODELING AND MAJOR REPAIRS INCREASING ILLUMINATION IN ROOM 33 GREGORY GYM	\$	175.01
14-8612-8445 IMPROVEMENTS, REMODELING AND MAJOR REPAIRS FURNITURE AND FURNISHINGS-WASHINGTON, D. C. OFFICE	\$	339.64
14-8612-8447 CONSTRUCTION OF BOOKCASE AND STORAGE CABINETS B. E. B. 52 & 65	\$	371.66
14-8612-8449 IMPROVEMENTS, REMODELING AND MAJOR REPAIRS REMODELING ROOM 28 MAIN BUILDING	\$	750.00
14-8612-8453 IMPROVEMENTS, REMODELING AND MAJOR REPAIRS REMODELING ROOM 211 SUTTON HALL	\$	386.94
14-8612-8456 IMPROVEMENTS, REMODELING AND MAJOR REPAIRS IMPROVEMENTS TO ROOMS 207 & 208 ROBERT E. LEE HALL	\$	208.05
14-8612-8457 IMPROVEMENTS, REMODELING AND MAJOR REPAIRS IMPROVEMENTS IN 1ST AND 2ND FLOORS-HOGG BUILDING	\$	570.29
14-8612-8458 IMPROVEMENTS, REMODELING AND MAJOR REPAIRS CARPET ROOM 207-C TOWNES HALL	\$	12.37

14-8612-8460 IMPROVEMENTS, REMODELING AND MAJOR REPAIRS IMPROVEMENT ROOM 5 SUTTON HALL	\$	141.33
14-8612-8462 IMPROVEMENTS, REMODELING AND MAJOR REPAIRS REARRANGING THE OFFICE OF THE DEAN OF THE COLLEGE OF PHARMACY	\$	1,066.81
14-8612-8463 IMPROVEMENTS, REMODELING AND MAJOR REPAIRS REMODELING SOUTH END OF BASEMENT OF CHEMISTRY BUILDING	\$	3,515.26
14-8612-8465 IMPROVEMENTS, REMODELING AND MAJOR REPAIRS REMODELING ROOMS 415 AND 417 WEST MALL OFFICE BUILDING	\$	64.17
14-8612-8467 IMPROVEMENTS, REMODELING AND MAJOR REPAIRS CHALKBOARDS FOR ROBERT E. LEE HALL	\$	619.40
14-8612-8468 IMPROVEMENTS, REMODELING AND MAJOR REPAIRS REMODELING AND ADDITION TO RESEARCH LABORATORY BUILDING PORT ARANSAS MARINE INSTITUTE	\$	396.87
14-8612-8473 IMPROVEMENTS, REMODELING AND MAJOR REPAIRS REMODELING ROOMS 22, 24, 28 AND VAULT IN MAIN BUILDING	\$	18,177.10
14-8612-8474 IMPROVEMENTS, REMODELING AND MAJOR REPAIRS REMODELING ROOMS 1 AND 21 BIOLOGICAL LABORATORIES	\$	7,953.00
14-8612-8475 IMPROVEMENTS, REMODELING AND MAJOR REPAIRS ADDITIONAL FURNITURE FOR AEROSPACE ENGINEERING IN TAYLOR HALL		

THE UNIVERSITY OF TEXAS AT AUSTIN
 AUG 31, 1968 BALS REAPPROPRIATED TO SEPT 1, 1968

	\$	818.15
14-8612-8477 IMPROVEMENTS, REMODELING & MAJOR REPAIRS FURNITURE FOR ROOMS 401 & 408 WAGGENER HALL-DEPT. OF GEOGRAPHY	\$	1,551.35
14-8612-8478 IMPROVEMENTS, REMODELING AND MAJOR REPAIRS CANCER RESEARCH PROJECT BLDG. 1A BALCONES RESEARCH CENTER	\$	6,695.62
14-8612-8479 IMPROVEMENTS, REMODELING & MAJOR REPAIRS REMOVING WALL BETWEEN ROOMS 107A AND 109A EXPERIMENTAL SCIENCE BUILDING	\$	300.00
14-8612-8480 IMPROVEMENTS, REMODELING, AND MAJOR REPAIRS MOVING ELECTRON MICROSCOPE FROM ROOM 7 IN EXPERIMENTAL SCIENCES BLDG. TO ROOM 436A IN PATTERSON LABORATORIES BLDG.	\$	1,000.00
14-8614-8050 PHYSICAL PLANT-BALCONES RESEARCH CENTER-PHYSICAL MAINTENANCE, OPERATION, & EQUIPMENT	\$	1,396.00-
14-8614-8098 PHYSICAL PLANT-BALCONES RESEARCH CENTER-PHYSICAL BUILDING REHABILITATION	\$	446.95
14-8616-8050 PHYSICAL PLANT-PORT ARANSAS MARINE INSTITUTE MAINT., AND OPERATION	\$	4.47-
14-8616-8051 PORT ARANSAS MARINE INSTITUTE HURRICANE BEULAH DAMAGE REPAIRS		

THE UNIVERSITY OF TEXAS AT AUSTIN
AUG 31, 1968 BALS REAPPROPRIATED TO SEPT 1, 1968

	\$	1,771.43
14-9212-9000 SPECIAL ITEMS - PUBLIC ADMINISTRATION INTERNSHIPS	\$	2,000.00
14-9605-7050 TEXAS MEMORIAL MUSEUM-MAINTENANCE, OPERATION & EQUIPMENT	\$	29.03-
TOTAL		----- \$421,342.80 =====

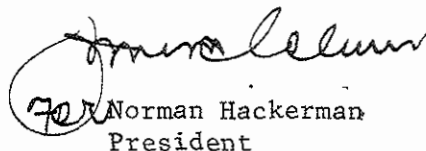
SPECIAL RESEARCH AND ACADEMIC EXCELLENCE PROGRAM
AUGUST 31, 1968 BALANCES TO BE REAPPROPRIATED TO 1968-1969

<u>ACCOUNT NO.</u>	<u>ACCOUNT TITLE</u>	<u>AMOUNT</u>
20-0605-0000	Allotment Account	\$ 233,928.38
20-1410-2020	School of Architecture - Image	1,000.00
20-1822-2500	Classics - Joint Film Production - Classics and Radio-TV Film	2,044.15
20-1822-2800	Classics - Xeroxing Library Materials	1,844.56
20-1832-2600	College of Arts & Sciences - Geography - Televised Course in Introductory Physical Geography	26,735.00
20-1858-2265	South Asia Language and Area Center - Matching Maintenance and Operation	218.78
20-1858-2276	Library Fund	20.99
20-1858-2325	Center for Asian Studies - Maintenance and Operation	707.23
20-1858-2605	Language and Area Center for Lation American Studies Maintenance and Operation	25.75
20-1858-2606	Library Acquistions	1.44
20-1868-2060	Physics - Fourth Texas Symposium on Relativistic Astrophysics	2,481.40
20-1895-2310	Interdepartmental programs International and Foreign Area Studies Program - Visiting Lectures and Consultants	400.00
20-1895-2800	Undergraduate Excellence Grants and Wards	791.55
20-2298-2200	College of Business Administration - Interdepartmental Program - College Wide Faculty Research Program	296.12
20-2498-2200	School of Communications - Interdepartmental Program - - Teaching Effectiveness	772.87
20-2698-2100	College of Education - Interdepartmental Program - Center for History of Education	4,465.09
20-3075-2500	College of Engineering - Mechanical Engineering - Engineering and Systems Design for Hospitals and Related Institutions	677.67
20-3405-2500	College of Fine Arts - Art - Ward Lockwood Art Exhibition and Catalogue	1,002.56
20-3490-2100	College of Fine Arts - Interdepartmental Programs- College Wide Development Program	530.87

SPECIAL RESEARCH AND ACADEMIC EXCELLENCE PROGRAM
AUGUST 31, 1968 BALANCES TO BE REAPPROPRIATED TO 1968-1969

<u>ACCOUNT NO.</u>	<u>ACCOUNT TITLE</u>	<u>AMOUNT</u>
20-6401-2020	Institutional Programs - American Institute of Planning	\$ 2,685.30
20-6408-2200	Institutional Programs - Regional Assembly on the Problems of Eastern Europe	2,581.80
20-7479-0500	Port Aransas Marine Institute - Planning of Research Vessel	<u>2,677.76</u>
		<u>\$ 285,889.27</u>

Sincerely yours,


 Norman Hackerman
 President

THE UNIVERSITY OF TEXAS AT ARLINGTON

Arlington, Texas

November 11, 1968

Dr. Harry Ranson, Chancellor
The University of Texas System
Austin, Texas 78712

Dear Dr. Ransom:

The following docket is submitted for your approval and presentation to the Board of Regents at the meeting in Austin on December 13-14, 1968:

GIFTS TO THE UNIVERSITY OF TEXAS AT ARLINGTON

DT F

The following gifts have been received by The University of Texas at Arlington. I recommend acceptance and that the thanks and appreciation of the Board be sent the donor by the Secretary.

Donor	Purpose and Condition	Amount
1. Price Waterhouse Foundation 60 Broad Street New York, N. Y. 10004 Mr. W. R. Gifford, Secy.	Accounting Department Faculty research, student scholarship, development of course work	\$1,000.
2. National Council of Jewish Women Greater Dallas Section, Inc. 219 Preston Royal Shopping Center Dallas, Texas 75230 Mrs. S. P. Fagadau, President	School of Social Work Scholarship	\$1,200.

RESEARCH AND OTHER ACADEMIC CONTRACTS

The following contracts, grants and amendments have been signed by the appropriate official upon the recommendation of the respective technical directors and fiscal officers.

Expenditures from these contracts and grants will be made in accordance with regular University operating procedures and contractual limitations. I recommend your approval and ratification of signatures.

*500. XUC.
DT F*

GOVERNMENT-SUPPORTED PROJECTS:

1. Supplemental Agreement POO5, Modification of Contract between Procurement Division, AFMDC, Holloman Air Force Base, New Mexico, Contract No. F29600-67-C-0041, and The University of Texas at Arlington.

RECOMMENDED AMENDMENTS TO THE 1968-69 BUDGET

<u>Item, Department, Title, Name</u>	<u>Period of Time</u>	<u>% Time</u>	<u>Full-Time Salary</u>	
			<u>No. Mos.</u>	<u>Academic Rate</u>

GENERAL COLLEGE ADMINISTRATIONVice-President Business Affairs

Appointment:

- | | | | | |
|---|-------------|------|----|-----------|
| 1. Vice-Pres Bus Affairs
Robert B. Price | 11/7 - 8/31 | 100% | 12 | \$23,500. |
|---|-------------|------|----|-----------|

To show effective date of November 7, 1968 on Robert B. Price, Vice-President for Business Affairs with annual rate of \$23,500. Transfer savings of \$4308.37 to 10-998 Salary Savings-General College Adm. (RBC #80)

Dean of Student Life

Appointment:

- | | | | | |
|--|-------------|-----|----|-----------|
| 2. Associate Dean Student Life
Fred C. Reagan | 10/1 - 8/31 | 88% | 12 | \$12,000. |
|--|-------------|-----|----|-----------|

Appoint Fred C. Reagan as Associate Dean Student Life effective October 1, 1968. 88% of time as Associate Dean Student Life; 12% as Instructor of English for 9 months basis. 100% of time as Associate Dean Student Life for three months. Annual Rate - \$12,000; Academic Rate - \$9,000. Source of Funds: Budgeted position. Transfer savings of \$897.84 to 10-998 Salary Savings-General College Adm. (RBC #72)

LIBERAL ARTSEnglish

Promotion:

- | | | | | |
|-------------------------|------------|------|----|----------|
| 3. Ernestine M. Sewell | 9/1 - 5/31 | 100% | 09 | \$9,100. |
| To: Assistant Professor | | | | |
| From: Instructor | | | | |

Promote Ernestine M. Sewell from Instructor to Assistant Professor effective 9/1/68 - no change in academic rate of \$9,100. Completed PhD August 1968. (RBC #59)

- | | | | | |
|-------------------------|------------|------|----|----------|
| 4. John S. Lewis | 9/1 - 5/31 | 100% | 09 | \$9,500. |
| To: Assistant Professor | | | | |
| From: Instructor | | | | |

Promote John S. Lewis from Instructor to Assistant Professor effective 9/1/68 - no change in academic rate of \$9500. Completed PhD - June 1968. (RBC #60)

Appointment:

- | | | | | |
|---------------------------------|-------------|-----|----|----------|
| 5. Fred C. Reagan
Instructor | 10/1 - 5/31 | 12% | 09 | \$9,000. |
|---------------------------------|-------------|-----|----|----------|

Appoint Fred C. Reagan as Instructor effective October 1, 1968 at 12% of time with academic rate of \$9,000. Will serve as Assoc Dean of Student Life - 88% of time for 9 months, plus 100% of time for 3 months. Annual rate \$12,000. Source of Funds: 12-802 Unallocated Salaries. (RBC #73)

<u>Item, Department, Title, Name</u>	<u>Period of Time</u>	<u>% Time</u>	<u>Full-Time Salary</u>	
			<u>No. Mos.</u>	<u>Academic Rate</u>

History and PhilosophyPromotion

6. Leon B. Blair	9/1 - 5/31	100%	09	\$7,700.
To: Assistant Professor				
From: Instructor				

Promote Leon B. Blair from Instructor to Assistant Professor effective 9/1/68 with no change in academic rate of \$7700. Completed requirements for Ph.D. (RBC #61)

Psychology and EducationIncrease in Salary:

7. Ira H. Bernstein				
Associate Professor				
To:	10/1 - 5/31	100%	09	\$11,800.
From:				\$11,500.

Increase academic rate of Ira H. Bernstein, Associate Professor, from \$11,500 to \$11,800 effective October 1, 1968. Source of Funds: Additional funds available from 12-802 Unallocated Salaries. (RBC #64)

Cancel Position:

8. Assistant Professor (vacant)	9/1 - 5/31	100%	09	\$12,000.
------------------------------------	------------	------	----	-----------

Cancel budgeted position of Assistant Professor with academic rate of \$12,000. Position not filled. Transfer funds to 12-802 Unallocated Salaries. (RBC #79)

SCIENCEChemistryAppointment:

9. Assistant Professor Shirley S. Chu	9/1 - 5/31	50%	09	\$9,400.
--	------------	-----	----	----------

Appoint Shirley S. Chu as Assistant Professor with academic rate of \$9400 effective 9/1/68. Appointed at 50% of time at \$4700. Source of Funds: Budgeted position of Associate Professor at \$13,000. Transfer \$8300 to 12-802 Unallocated Salaries. (RBC #63)

MathematicsAppointment:

10. Professor John J. Sopka, Jr.	9/1 - 5/31	100%	09	\$15,000.
-------------------------------------	------------	------	----	-----------

Appoint John J. Sopka, Jr. as Professor with academic rate of \$15,000 effective 9/1/68. Source of Funds: 12-802 Unallocated Salaries. (RBC #69)

<u>Item, Department, Title, Name</u>	<u>Period of Time</u>	<u>% Time</u>	<u>Full-Time Salary</u>	
			<u>No. Mos.</u>	<u>Academic Rate</u>

Physics

Appointment:

11. Assistant Professor James H. Cooke	10/1 - 5/31	100%	9	\$10,800.
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Appoint James H. Cooke as Assistant Professor effective October 1, 1968 with academic rate of \$10,800. Dr. Cooke was ill at the beginning of September and indicated a possibility of not being able to teach during the fall semester. His illness was arrested and he is able to assume his duties as of October 1, 1968. Source of Funds: 12-802 Unallocated Salaries. (RBC #71)

AUXILIARY ENTERPRISESStudent Center Facilities

Increase in Annual Rate:

12. Maintenance Supervisor Louis W. Wilson				
To:	10/1 - 8/31	100%	12	\$8,160.
From:				\$7,800.

Increase annual rate of Louis W. Wilson, Maint Supervisor, from \$7800 to \$8160 effective October 1, 1968. Source of Funds: Additional funds available from Unallocated Salaries within departmental account. Amount required: \$330. (RBC #74)

SERVICE DEPARTMENTSData Processing

Increase in Annual Rate and Promotion:

13. Norman L. Weaver				
To: Asst Data Proc Director	11/1 - 8/31	100%	12	\$12,000.
From: Systems Analyst				\$10,920.

Promote Norman L. Weaver from Systems Analyst with annual rate of \$10,920 to Asst Data Proc Dir with annual rate of \$12,000 effective November 1, 1968. Source of Funds: Additional funds in the amount of \$900 available from Unallocated Salaries within departmental account. (RBC #76)

Increase Annual Rate:

14. ADP Operations Chief Larry W. Klopfenstein				
To:	11/1 - 8/31	100%	12	\$10,020.
From:				\$ 9,240.

Increase annual rate of Larry W. Klopfenstein, ADP Operations Chief, from \$9240 to \$10,020 effective November 1, 1968. Source of Funds: Additional funds in the amount of \$650 available from Unallocated Salaries within departmental account. (RBC #77)

<u>Item, Department, Title, Name</u>	<u>Period of Time</u>	<u>% Time</u>	<u>Full-Time Salary</u>	
			<u>No. Mos.</u>	<u>Academic Rate</u>

Increase Annual Rate:

15. Sys Analyst & Prog II

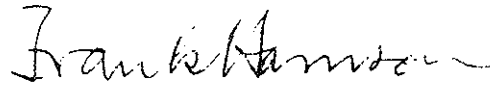
Joe F. Ferguson

To: 11/1 - 8/31 100% 12 \$10,020.

From: \$ 9,240.

Increase annual rate of Joe F. Ferguson, Sys Analyst & Prog II from \$9240 to \$10,020 effective November 1, 1968. Source of Funds: Additional funds in the amount of \$650 available from Unallocated Salaries within the departmental account. (RBC #78)

Very truly yours,



Frank Harrison
Acting President

THE UNIVERSITY OF TEXAS AT EL PASO
El Paso, Texas

November 14, 1968

Dr. Harry H. Ransom, Chancellor
The University of Texas System
Austin, Texas

Dear Dr. Ransom:

The following docket is submitted for your approval and presentation to the Board of Regents at the meeting in Austin on December 13-14, 1968:

USE OF TEXTBOOKS WRITTEN BY FACULTY MEMBERS

I recommend approval of the use during the 1969 Spring Semester of the following:

The ABC'S of Languages and Linguistics by Jacob Ornstein, Professor of Modern Languages, sold in the Bookstore for \$5.14 per copy with a royalty of 38¢ to the author.

GIFTS

The following gifts have been received by The University of Texas at El Paso. I recommend acceptance and that expressions of thanks and appreciation of the Board be sent the donors by the Secretary. In the case of scholarships where the recipient is designated by the donor, it has been determined that the donor is a public or charitable institution and that the donation does not constitute an evasion of taxes.

<u>Donor</u>	<u>Purpose and Condition</u>	<u>Amount</u>
1. * Honeywell, Inc. Test Instruments Division 4800 East Dry Creek Road Denver, Colorado 80217 Mr. Allen B. Dallas	Equipment for the Physics Department	\$1,350.00 (Est.)
2. * C. H. Leavell & Company P. O. Drawer 9698 El Paso, Texas Mr. C. H. Leavell	Excellence Fund - Unrestricted	1,000.00
3. * Mobil Research and Development Corporation Field Research Laboratory P. O. Box 900 Dallas, Texas 75221 Mr. J. S. McNeil, Manager	Equipment for the Chemistry Department	5,995.00 (Est.)
4. * Mountain States Telephone & Telegraph Company 215 North Stanton Street El Paso, Texas Mr. J. E. Killorin	Excellence Fund - Unrestricted	1,000.00
5. * Newspaper Printing Corporation 401 Mills Street El Paso, Texas Mr. Dorrance D. Roderick	Excellence Fund - Unrestricted	1,000.00

*No letter of transmittal received from donor.

GIFTS (CONTINUED)

6.	Phelps Dodge Foundation 300 Park Avenue New York, New York 10022 Mr. John E. Masten	Scholarship - Metallurgy Major	1,000.00
7.	Phelps Dodge Foundation 300 Park Avenue New York, New York 10022 Mr. John E. Masten	Excellence Fund - Unrestricted	1,000.00
8.	Emma H. Schellenger Trust P. O. Box 140 El Paso, Texas 79941 Mr. W. R. Squires, Jr.	Emma H. Schellenger Trust	1,735.86

*No letter of transmittal received from donor.

GOVERNMENT CONTRACTS AND GRANTS

The following grants, contracts, and amendments have been negotiated and have been signed by me upon the recommendation of the directors of the projects. I recommend your approval and ratification of the signature.

1. Modification No. P001 to Contract No. F19628-68-C-0073, dated August 22, 1968, whereby the Contracting Officer, Electronics Systems Division (ESKK), Air Force Systems Command, USAF, Laurence G. Hanscom Field, Bedford, Massachusetts 01730, awards an additional amount of \$15,000 for data reduction services for the period April 1, 1968 through March 30, 1970, thereby increasing the total contract cost from \$20,000 to \$35,000.
2. Order No. 1 to Basic Agreement No. DABD11-69-00157, dated August 28, 1968, whereby the Contracting Officer, Procurement Division, G-4, Fort Sam Houston, Texas 78234, awards \$200 for educational services for one student during the period beginning September, 1968 and ending July, 1969.
3. Order No. 2 to Basic Agreement No. DABD11-69-00157, dated August 28, 1968, whereby the Contracting Officer, Procurement Division, G-4, Fort Sam Houston, Texas, 78234, awards \$200 for educational services for one student during the period beginning September, 1968 and ending July, 1969.
4. Order No. 3 to Basic Agreement No. DABD11-69-00157, dated August 28, 1968, whereby the Contracting Officer, Procurement Division, G-4, Fort Sam Houston, Texas 78234, awards \$200 for educational services for one student during the period beginning September, 1968 and ending July, 1969.
5. Order No. DO-2 to Basic Agreement DAAD07-67-C-0362, dated September 3, 1968, whereby the Contracting Officer, Procurement Division, White Sands Missile Range, New Mexico 88002, awards \$300 for educational services to cover an estimated six students and an estimated 20 credit hours during Fall and Spring Semesters, 1968-69.
6. Amendment No. 1 to Order No. 1 to Basic Agreement DABD11-68-00151, dated October 11, 1968, whereby the Contracting Officer, Procurement Division, G-4, Fort Sam Houston, Texas 78234, awards an increase of \$139 for one student during the period beginning September, 1967 and ending August, 1968, thereby increasing the total cost of this order to \$640.
7. Amendment No. 1 to Order No. 2 to Basic Agreement DABD11-68-00151, dated October 11, 1968, whereby the Contracting Officer, Procurement Division, G-4, Fort Sam Houston, Texas 78234, decreases the award by \$27.50 during the period beginning May 31, 1968 and ending August 21, 1968, thereby making the total to be paid \$72.50.
8. Amendment No. 1 to Order No. 3 to Basic Agreement DABD11-68-00151, dated October 11, 1968, whereby the Contracting Officer, Procurement Division, G-4, Fort Sam Houston, Texas 78234, decreases the award by \$32.50 during the period beginning May 31, 1968 and ending August 23, 1968, thereby making the total to be paid \$61.50.
9. Modification No. S03 to Contract No. NAS6-1296, dated October 12, 1968, whereby the Contracting Officer, NASA, Wallops Station, Wallops Island, Virginia 23337, extends the term of the contract for a period of one additional year from October 12, 1968 through October 11, 1969 and increases the amount of the contract by \$22,559.

GOVERNMENT CONTRACTS AND GRANTS (CONTINUED)

10. Order No. DABD07-69-D-1567 to Basic Agreement No. DABD07-67-C-0536, dated October 18, 1968, whereby the Contracting Officer, Purchasing and Contracting Office, Fort Bliss, Texas 79918, awards \$17,302.50 for educational services to cover an estimated 392 students and an estimated 1,538 semester hours during the Fall Semester 1968.

11. Contract No. 349V-1662 with an effective date of November 1, 1968, whereby the Manager of the Veterans Administration, Regional Office, Waco, Texas 76710, awards a contract to The University of Texas at El Paso for services relating to Vocational Counseling during the period November 1, 1968 through October 31, 1969 and in the amount of \$32,636.94.

12. Grant No. OEG-7-9-000028-0092-(010), dated October 1, 1968, whereby the Grants Officer, Office of Education, Department of Health, Education, and Welfare, Washington, D. C. 20202, awards \$6,661.00 to conduct group dynamics to improve inter-group relationships among university students and faculty, during the period October 1, 1968 through September 30, 1969.

RECOMMENDED AMENDMENTS TO 1968-69 BUDGETGENERAL ADMINISTRATION AND STUDENT SERVICESOffice of the Registrar

1. Appoint LaVonne Merkt as Clerk-Typist effective September 19, 1968, at an annual rate of \$2,940.00 with the necessary funds in the amount of \$2,793.00 to come from unallocated salaries. This change resulted in an increase in the total departmental budget and involved a transfer of \$1,000.00 or more from an unallocated account. (RBC 46)

2. Appoint Roy A. Griffin as Assistant Registrar effective October 7, 1968, at an annual rate of \$7,104.00 with the necessary funds in the amount of \$6,397.42 to come from unallocated salaries. This change resulted in an increase in the total departmental budget and involved a transfer of \$1,000.00 or more from an unallocated account. (RBC 52)

RESIDENT INSTRUCTIONSCHOOL OF EDUCATIONCurriculum and Instruction

3. Appoint Richard Sebok as Instructor (1/4 Time) effective September 1, 1968, for the 1968-69 Long Session at a full-time nine-months rate of \$8,000.00 with the necessary funds in the amount of \$2,000.00 to come from unallocated salaries. This change resulted in a transfer of more than \$1,000.00. (RBC 43)

4. Increase the annual rate of Marie A. Emerson, Senior Secretary, effective September 1, 1968, from \$4,020.00 to \$4,200.00 with the necessary funds in the amount of \$180.00 to come from the vacant position of Secretary in Curriculum and Instruction in the amount of \$3,660.00 with the unused \$3,480.00 lapsed to unallocated salaries. Marie A. Emerson is in the Office of the Dean - School of Education. This change involved a transfer between departments of \$1,000.00 or more. (RBC 32)

SCHOOL OF ENGINEERINGCivil Engineering

5. Appoint Bernhard Reimann as Lecturer (1/4 Time) effective September 1, 1968, for the 1968 Fall Semester at a full-time nine-months rate of \$10,000.00 with the necessary funds in the amount of \$1,250.00 to come from the appropriation for Teaching Assistants. (RBC 39)

SCHOOL OF LIBERAL ARTSDrama and Speech

6. Increase the nine-months rate of Harold F. Harding, H. Y. Benedict Professor, from \$17,500.00 to \$18,000.00 effective October 1, 1968, with the necessary funds in the amount of \$444.00 to come from unallocated salaries. (RBC 41)

Modern Languages

7. Appoint Judith Rivera-Rodriguez as Assistant Professor effective September 1, 1968 for the 1968-69 Long Session at a nine-months rate of \$9,000.00 with the funds to come from the vacant position of Associate Professor in the amount of \$11,500.00 with the unused \$2,500.00 lapsed to unallocated salaries. (RBC 36)

RESIDENT INSTRUCTION (CONTINUED)

SCHOOL OF LIBERAL ARTS (CONTINUED)

Modern Languages (Continued)

8. Appoint Domingo Ricart as Visiting Professor effective January 16, 1969, for the 1969 Spring Semester at a nine-months rate of \$14,000.00 with the necessary funds in the amount of \$7,000.00 to come from the vacant position of Assistant Professor in the amount of \$8,200.00 with the unused \$1,200.00 lapsed to unallocated salaries. (RBC 44)

9. Appoint Joan H. Davis as Instructor (3/4 Time) effective September 1, 1968, for the 1968 Fall Semester at a full-time nine-months rate of \$9,000.00 with the necessary funds in the amount of \$3,375.00 to come from the appropriation for Instructors, Part-time. (RBC 45)

Political Science

10. Increase the nine-months rate of Thomas I. Cook, H. Y. Benedict Professor, from \$17,500.00 to \$18,000.00 effective October 1, 1968, with the necessary funds in the amount of \$444.00 to come from unallocated salaries. (RBC 42)

SCHOOL OF SCIENCE

Chemistry

11. Change the status of Charles G. DeVries effective September 1, 1968, from Assistant Professor (Full-time) to Assistant Professor (1/2 Time) for the 1968-69 Long Session and lapse \$5,000.00 budgeted for this position to unallocated salaries. (RBC 40)

Physics

12. Change the status of Robert L. Schumaker effective September 1, 1968, for the 1968-69 Long Session from Associate Professor (1/2 Time) to Associate Professor (1/4 Time) and lapse \$3,125.00 budgeted for this position to unallocated salaries. He will also serve as Director (3/4 Time) in Computer Training and Development. (RBC 27)

13. Change the status of Rufus E. Bruce effective September 1, 1968 from Associate Professor (1/4 Time) to Associate Professor (1/2 Time) for the 1968 Fall Semester with the necessary funds in the amount of \$1,563.00 to come from unallocated salaries. His appointment as Associate Professor (1/4 Time) for the 1969 Spring Semester remains unchanged. (RBC 37)

14. Appoint Dare A. Wells as Visiting Professor (1/4 Time) effective September 1, 1968, for the 1968-69 Long Session at a full-time nine-months rate of \$12,000.00 with the necessary funds in the amount of \$3,000.00 to come from the appropriation for Teaching Assistants in the amount of \$1,438.00 and from unallocated salaries in the amount of \$1,562.00. (RBC 38)

15. Change the status of Rufus E. Bruce effective September 1, 1968, for the 1968 Fall Semester from Associate Professor (1/2 Time) to Associate Professor (1/4 Time) and lapse \$1,563.00 budgeted for this position to unallocated salaries. This change cancels RBC 37 and leaves his appointment as it originally was in the 1968-69 budget. (RBC 49)

16. Change the status of Dare A. Wells effective September 1, 1968, from Visiting Professor (1/4 Time) to Visiting Professor (1/2 Time) for the 1968 Fall Semester with the necessary additional funds in the amount of \$1,500.00 to come from unallocated salaries. His appointment for the 1969 Spring Semester remains unchanged. (RBC 50)

17. Approve the placement of Eugene A. Dean, Associate Professor, on leave of absence for the 1968 Fall Semester and lapse \$6,000.00 budgeted for this position to unallocated salaries. His appointment for the 1969 Spring Semester remains unchanged. (RBC 51)

GRADUATE SCHOOL

Office of the Dean

18. Reclassify Helen A. Evans effective September 1, 1968, from Administrative Secretary to Administrative Assistant and adjust her annual rate from \$4,584.00 to \$6,468.00, with the necessary additional funds in the amount of \$1,884.00 to come from unallocated salaries. This change involved a transfer of more than \$1,000.00. (RBC 53)

19. Appoint Bonnie L. Jennings as Administrative Secretary effective September 30, 1968, at an annual rate of \$4,392.00 with the necessary funds in the amount of \$4,038.20 to come from unallocated salaries. This change involved a transfer and increase in the total departmental budget of more than \$1,000.00. (RBC 57)

RECOMMENDED AMENDMENTS TO 1968-69 BUDGET (CONTINUED)RESIDENT INSTRUCTION (CONTINUED)ORGANIZED RESEARCHBureau of Public Affairs

20. Appoint Augustin Nunez as Humanities Research Associate effective October 1, 1968, at an annual rate of \$6,780.00, with the necessary funds in the amount of \$6,215.00 to come from unallocated salaries. This change resulted in an increase in the total departmental budget and a transfer of more than \$1,000.00. (RBC 47)

OPERATION AND MAINTENANCE OF PHYSICAL PLANTGeneral Services - Building Maintenance

21. Increase the annual rate of Clyde W. Abbott, Stores Foreman, effective September 1, 1968, from \$7,104.00 to \$7,440.00 with the necessary funds in the amount of \$336.00 to come from Building Maintenance - Assistants (Hourly). This change involved an inter-departmental transfer. (RBC 31)

SPECIAL ITEMSComputer Training and Development

22. Change the status of Robert L. Schumaker effective September 1, 1968, from Director (1/2 Time) to Director (3/4 Time) with the necessary additional funds in the amount of \$3,125.00 to come from Non-Teaching Salaries. He will also serve as Associate Professor (1/4 Time) in the Department of Physics. (RBC 28)

23. Accept the resignation of Phillip Duran, Mathematician (1/4 Time) effective before September 1, 1968, and lapse \$1,800.00 budgeted for this position to the appropriation for Maintenance and Operation. This change involved a transfer between dissimilar appropriations. (RBC 33)

24. Accept the resignation of Norma L. Hubbard, Senior Clerk-Typist, effective before September 1, 1968, and lapse \$3,504.00 budgeted for this position to Non-Teaching Salaries in the amount of \$3,125.00 and to Maintenance and Operation in the amount of \$379.00. This change involved a transfer between dissimilar appropriations. (RBC 34)

25. Accept the resignation of Maria G. Adams, Key punch Operator I, effective before September 1, 1968, and lapse \$3,660.00 budgeted for this position to Maintenance and Operation. This change involved a transfer between dissimilar appropriations. (RBC 35)

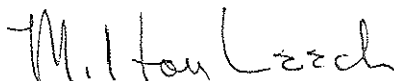
CONTRACT RESEARCH AND SERVICESSchellenger Research Laboratory

26. Appoint Howard S. Coleman as Research Engineer-Scientist Associate V (3/5 Time) effective September 17, 1968, at an annual rate of \$13,200.00 with the necessary funds in the amount of \$7,568.00 to come from budgeted salaries for one or more Government contracts or grants. (RBC 48)

CURRENT RESTRICTED FUNDSFrank B. Cotton Trust

27. Increase the appropriation for Cotton Trust Expense in the amount of \$1,829.00 by a transfer from Frank B. Cotton Trust Balance. This is to provide funds to pay The University of Texas at El Paso's pro-rata share of the expense of the campaign for passage of Amendment No. 9 and was approved by the Board of Regents at the meeting on September 20, 1968. (RBC 54)

Sincerely,



Milton Leech
Acting President

THE UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON

GALVESTON, TEXAS

November 7, 1968

Dr. Harry H. Ransom
Chancellor
The University of Texas System
Austin, Texas

Dear Dr. Ransom:

The following docket is submitted for your approval and presentation to the Board of Regents at its meeting in Austin, Texas, on December 13-14, 1968:

APPOINTMENTS FOR MEMBERSHIP ON THE MEDICAL STAFF OF THE UNIVERSITY OF TEXAS MEDICAL BRANCH HOSPITALS: On recommendation of the Executive Committee of the Medical Staff in accordance with the Bylaws and Rules and Regulations of the Medical Staff, approval is requested for the following appointments for membership on the Medical Staff:

1. Appointment of Donald Fiedler McDonald, M.D., Professor of Urologic Surgery, Urology Division, Department of Surgery, full-time, for associate membership on the Medical Staff.
2. Appointment of Garland H. Smith, Jr., M.D., Instructor, Department of Internal Medicine, full-time, for active membership on the Medical Staff.
3. Appointment of Francisco Muniz, M.D., Instructor, Department of Internal Medicine, full-time, for associate membership on the Medical Staff.
4. Appointment of Robert O. Lupella, Ph.D., Assistant Professor, Department of Pediatrics (Child Development), full-time, for associate membership on the Medical Staff.
5. Appointment of Douglas Michael Daniels, M.D., Assistant Professor, Department of Pediatrics (Child Development), full-time, for associate membership on the Medical Staff.
6. Change the status of Dr. Quang Z. Nghiem from associate membership to active membership on the Medical Staff.
7. Change the status of Dr. George T. Tindall from associate to active membership on the Medical Staff.
8. Change the status of Dr. Byron J. Bailey from associate to active membership on the Medical Staff.
9. Appointment of John B. Fuller, M.D., Professor, Department of Pathology, full-time, for associate membership on the Medical Staff.
10. Appointment of Paul Zaharopoulos, M.D., Instructor, Department of Pathology, full-time, for active membership on the Medical Staff.

TRAVEL FOR FACULTY AND STAFF: In compliance with Section 13:23 of Chapter III of Part II of the Rules and Regulations of the Board of Regents for the Government of The University of Texas System, I recommend approval of the following travel request to be absent for a period in excess of twenty-nine days:

1. Miss Catherine Ravenscroft, Research Associate II, Department of Obstetrics and Gynecology, to New Orleans, Louisiana, for the period October 2, 1968 through October 31, 1968, to consult with, train, and orient dietary personnel of the Louisiana Survey, and to assist the group at the Tulane Division of Medical Computing Sciences in updating the dietant table prior to transferring the computer programs to a Washington installation. Travel expenses to come from Public Health Service Grant No. PH 86-68-123.

GIFTS OF \$1,000 or More: The following gifts have been received. I recommend acceptance and that the appreciation of the Board of Regents be sent the donors by the Secretary:

<u>Donor and Address</u>	<u>Purpose and Conditions</u>	<u>Amount</u>
1. Minnie L. Maffett Scholarship Trust c/o Mr. T. S. Chennault Assistant Trust Officer Republic National Bank of Dallas P. O. Box 241 Dallas, Texas	Medical student scholarship award for the academic year 1968-69. (This is reported as an extension of a previous gift, previously docketed - Board of Regents' Minutes of October 27-28, 1967, Item No. 26, Page G-9)	\$ 1,500.00
2. The Sealy & Smith Foundation For The John Sealy Hospital 200 University Boulevard Galveston, Texas	For support of the Five-Year Building Program for the month of September, 1968. (This payment is charged to the Foundation's commitment of \$3,800,000 - Board of Regents' Minutes of September, 1963)	\$100,000.00
3. The Sealy & Smith Foundation For The John Sealy Hospital 200 University Boulevard Galveston, Texas	For support of the Five-Year Building Program for the month of October, 1968. (This payment is charged to the Foundation's commitment of \$3,800,000 - Board of Regents' Minutes of September, 1963)	\$100,000.00
4. The Sealy & Smith Foundation For The John Sealy Hospital 200 University Boulevard Galveston, Texas	Represents reimbursement for work performed by our Physical Plant Department on the recreational facilities. (This is reported as an extension of a previous gift, previously docketed - Board of Regents' Minutes of October 27-28, 1968, Item #25, Page G-8, and Board of Regents' Minutes of December 7-8, 1967, Item #26, Page G-7)	\$ 1,229.78

GRANTS (NONGOVERNMENTAL)

<u>Donor and Address</u>	<u>Purpose and Conditions</u>	<u>Amount</u>
1. *American Cancer Society Texas Division, Inc. 5014 Bull Creek Road Austin, Texas	Grant for support of the John Sealy Hospital Tumor Registry Budget for 1968-69. (This is reported as an extension of a previous grant, previously docketed, Board of Regents' Minutes of December 7-8, 1967, Item #3, Page G-5)	\$ 4,245.00

*No letter of transmittal received from the donor. *W. K. ...*

CONTRACTS AND GRANTS (FEDERAL): The following contracts and grants have been signed by the appropriate official upon the recommendation of the respective technical directors, fiscal officers, and the Director of the Office of Sponsored Research. I recommend your approval and ratification of signatures:

1. Letter, dated August 16, 1968, by which the Department of Health, Education, and Welfare, Public Health Service, extends the expiration date of Grant No. HE 09911-03 through August 31, 1969, without additional funds. The revised budget period becomes September 1, 1967 through August 31, 1969. The total project period becomes September 1, 1965 through August 31, 1969. The research on Hormonal & Dietary Modification of NAEL Toxicity continues under the direction of Dr. Charles E. Hall, Professor, Department of Physiology.

2. Grant No. 5 MO1 FR 00073-07, by which the Department of Health, Education, and Welfare, Public Health Service, provides \$297,596, for the period October 1, 1968 through September 30, 1969, for support of a General Clinical Research Center. The total project period extends from October 1, 1964 through September 30, 1969. The project is directed by Dr. Truman G. Blocker, Jr., President.

3. Grant No. 5 RO1 AM00780-18, by which the Department of Health, Education, and Welfare, Public Health Service, provides \$60,134, for the period September 1, 1968 through August 31, 1969, for research on Hemoglobin Variants in Relation to Disease. The total project period extends from September 1, 1967 through August 31, 1972. The project is directed by Dr. Rose G. Schneider, Associate Research Professor, Department of Pediatrics.

4. Grant No. 5 RO1 CA08013-05, by which the Department of Health, Education, and Welfare, Public Health Service, provides \$34,640, for the period September 1, 1968 through August 31, 1969, for research on Hormone Antiserum Effects on Malignant Growth. The total project period extends from September 1, 1967 through August 31, 1970. The project is directed by Dr. Ludwik Anigstein, Professor, Department of Preventive Medicine and Community Health.

5. Modification No. AA to Contract No. N00014-68-A-0105-0001, by which the Office of Naval Research, Department of the Navy, Washington, D. C., extends the expiration date of the contract through October 31, 1968, without additional funds. The research on Localization of Metabolic Block in the Granulation Tissue at Progressive Stages of Wound Healing is directed by Dr. Wiktor W. Nowinski, Research Professor of Biochemistry, Department of Surgery.

6. Research Fellowship Award No. 1 FO3 GM 40802-01, by which the Department of Health, Education, and Welfare, Public Health Service, provides \$1,000 (supply allowance), for the period July 1, 1968 through June 30, 1969, for research on Ultrastructural Dynamics of Lymphocyte Depletion. The project is directed by Dr. Gerald A. Beathard under the sponsorship of Dr. Richard B. Marshall, Associate Professor, Department of Pathology.
7. Grant No. 5 R01 HE08054-06, by which the Department of Health, Education, and Welfare, Public Health Service, provides \$19,831, for the period December 1, 1968 through November 30, 1969, for research on Macromolecules and Hypertensive Vascular Disease. The total project period extends from December 1, 1966 through November 30, 1971. The project is directed by Dr. Charles E. Hall, Professor, Department of Physiology.
8. Predoctoral Research Fellowship Award No. 1 FO1 GM 42242-01, by which the Department of Health, Education, and Welfare, Public Health Service, provides \$5,300, for the period September 1, 1968 through August 31, 1969, for research on The Biosynthesis of NADase in the Growing Rat Brain. The project is directed by Mr. Jerry Lynn Myers under the sponsorship of Dr. Donald A. Rappoport, Associate Professor, Department of Pediatrics.
9. Grant No. 5 R01 AM09669-04, by which the Department of Health, Education, and Welfare, Public Health Service, provides \$7,598, for the period July 1, 1968 through June 30, 1969, for research on Control of Aldonolactonase Activity by Somatotropin. The total project period extends from July 1, 1965 through June 30, 1970. The project is directed by Donald W. Stubbs, Assistant Professor, Department of Physiology.
10. Grant No. 5 R01 AM07736-06, by which the Department of Health, Education, and Welfare, Public Health Service, provides \$16,517, for the period September 1, 1968 through August 31, 1969, for research on Pathogenesis of Growth Onset Diabetes. The total project period extends from April 1, 1967 through August 31, 1969. The project is directed by Dr. Luther B. Travis, Associate Professor, Department of Pediatrics.
11. Grant No. 5 R01 HE10599-03, Revised, by which the Department of Health, Education, and Welfare, Public Health Service, provides \$1,080, for the period February 1, 1968 through June 30, 1968, for research on Fluid and Protein Shifts with Various Fluid Infusions. The project is directed by Dr. Roger D. Williams, Professor, Department of Surgery.
12. Amendment/Modification No. 4(69-27) to Contract No. AF 41(609)-3150, by which the Department of the Air Force, Aerospace Medical Division, Brooks Air Force Base, Texas, authorizes the purchase of additional equipment at no increase in the total contract amount. The research on Electron Microscopy Studies on Animals Exposed to Differential Potential Spacecraft Atmosphere is directed by Dr. Daniel K. Roberts, Assistant Professor, Department of Pathology.

Recommended Amendments to 1968-69 BudgetGeneral Institutional ExpensePersonnel Clinic

1. Increase the salary of Dr. James C. Guckian, Acting Director, Personnel Clinic, part-time, from \$3,000 to \$3,375 for 12 months, effective October 1, 1968. Funds needed are to come from the departmental non-teaching salary budget. Dr. Guckian also serves as Acting Director, University Health Service, part-time, at a salary of \$1,125 for 12 months, and as Assistant Professor, part-time, in the Department of Internal Medicine at a salary of \$14,000 for 12 months. Total salary for 12 months, \$18,500. (RBC 129)

Development Office

2. Appoint Mr. Charles Chadwick as Assistant to the President for Development at a salary rate of \$18,000 for 12 months, effective December 1, 1968. Funds needed are to come from the departmental non-teaching salary budget. (RBC 141)

Instruction and Departmental OperationsAnesthesiology

3. Accept the resignation of Dr. Doran D. Maupin, Assistant Professor, at a salary rate of \$21,000 for 12 months, effective September 27, 1968. (RBC 117)

Biochemistry and Nutrition

4. Appoint Dr. James P. Chen as Assistant Professor, part-time, without salary, effective October 1, 1968. Dr. Chen also serves as Research Assistant Professor at a salary of \$14,000 for 12 months in the Department of Internal Medicine. (RBC 145)

Internal Medicine

5. Delete the name of Dr. Raymond F. Gregory, Instructor, part-time, without salary. Dr. Gregory did not accept his 1968-69 appointment. (RBC 122)

6. Appoint Dr. James P. Chen as Research Assistant Professor at a salary rate of \$14,000 for 12 months, effective October 1, 1968. Funds needed are to come from DHEW Grant No. 5P01-HE-10893-03. (RBC 133)

Neurology and Psychiatry

7. Delete the name of Dr. Jerry H. Patrick, Assistant Professor - Psychology, at a salary rate of \$14,000 for 12 months. Dr. Patrick did not accept his 1968-69 appointment. (RBC 83)

8. Delete the name of Dr. Wiebke Thomsen, Assistant Professor, part-time, at a salary of \$9,500 for 12 months. Dr. Thomsen did not accept his 1968-69 appointment. (RBC 87)

9. Change the status of Dr. William F. Patton, Assistant Professor - Psychology, from full-time at a salary rate of \$13,500 for 12 months, to part-time, without salary, effective October 1, 1968. Dr. Patton is transferring to the Department of Pediatrics. (RBC 127)

Obstetrics and Gynecology

10. Accept the resignation of Dr. Jorge M. Cabrera, Dentist, at a salary rate of \$12,000 for 12 months, effective September 8, 1968. (RBC 84)

11. Change the status of Dr. Virginia H. Blocker, Field Team Director, from one-fourth time to full-time at the same salary rate of \$12,000 for 12 months, effective October 1, 1968 through December 15, 1968. Funds needed are to come from DHEW Grant No. PH-86-68-123. (RBC 121)

Recommended Amendments to 1968-69 Budget - continuedOphthalmology

12. Change the status of Dr. Paul G. Jahnke from Instructor, part-time, at a salary of \$4,500 for 12 months to Clinical Assistant Professor, part-time, without salary, effective September 1, 1968. (RBC 82)

Otorhinolaryngology

13. Appoint Dr. Edward A. Blackburn as Clinical Instructor, part-time, without salary, effective September 1, 1968. Dr. Blackburn is transferring from the Department of Surgery. (RBC 91)

14. Appoint Dr. Royal C. Stiernberg as Clinical Assistant Professor, part-time, without salary, effective September 1, 1968. (RBC 98)

15. Reappoint Mr. David W. Granitz as Director, Hearing and Speech Clinic, at the same salary rate of \$12,800 for 12 months, effective September 1, 1968. Mr. Granitz is in the approved budget at a salary rate of \$13,500. Mr. Granitz also serves as Director, Hearing and Speech Clinic, part-time, without salary. (RBC 108)

16. Appoint Dr. William O. Akin as Clinical Instructor, part-time, without salary, effective October 1, 1968. (RBC 136)

Pathology

17. Delete the name of Dr. William J. Holaday, Assistant Professor, at a salary rate of \$15,000 for 12 months. Dr. Holaday did not accept his 1968-69 appointment. (RBC 86)

18. Reappoint Dr. L. M. J. Pilot as Clinical Instructor, part-time, without salary, effective September 1, 1968. (RBC 100)

19. Reappoint Dr. Gerald A. Beathard as Instructor, part-time, without salary, effective September 1, 1968. Dr. Beathard also serves as Instructor, part-time, without salary, in the Department of Internal Medicine and as Resident, part-time, without salary in Medical House Staff. (RBC 109)

20. Accept the resignation of Dr. Julian M. Chen, Assistant Professor, at a salary rate of \$15,000 for 12 months, effective October 17, 1968. (RBC 137)

Pediatrics

21. Appoint Dr. Robert J. Ginn as Instructor - Psychology at a salary rate of \$13,000 for 12 months, effective September 16, 1968. Funds needed are to come from DHEW Grant C and Y Project No. 648. (RBC 75)

22. Delete the name of Dr. Wiebke Thomsen, Assistant Professor, part-time, at a salary of \$9,500 for 12 months. Dr. Thomsen did not accept his 1968-69 appointment. (RBC 88)

23. Appoint Dr. Kenneth R. Tyson as Assistant Professor, without salary effective September 1, 1968. (RBC 93)

24. Reappoint Dr. Lennart L. Kopra as Visiting Professor of Speech, part-time, without salary, effective September 1, 1968. (RBC 99)

25. Appoint Dr. Nancy L. Schnautz as Clinical Assistant Professor, part-time, without salary, effective September 1, 1968. (RBC 107)

Recommended Amendments to 1968-69 Budget - continuedPediatrics (continued)

26. Appoint Dr. William F. Patton as Assistant Professor - Psychology at a salary rate of \$13,500 for 12 months, effective October 1, 1968. Funds needed are to come from the departmental teaching salary budget. (RBC 128)

Physiology

27. Reappoint Dr. Samuel N. Kolmen as Professor at the same salary rate of \$19,000 for 12 months, effective September 1, 1968. Funds needed are to come from Shrine Burns Institute Service. Dr. Kolmen is in the approved budget as Professor, without salary. (RBC 79)

28. Grant a leave of absence without salary to Dr. Edgar A. Blair, Professor, part-time, at a salary of \$11,083 for 12 months, effective September 1, 1968. (RBC 89)

29. Appoint Dr. Andre J. Angyan as Assistant Professor - Physiology, part-time, without salary, effective September 1, 1968. (RBC 116)

30. Appoint Dr. Sidney R. Kay as Clinical Instructor, part-time, without salary, effective September 1, 1968. (RBC 143)

Preventive Medicine and Community Health

31. Reappoint Dr. Joseph T. Phillips as Assistant Professor, part-time, without salary, effective September 1, 1968. (Dr. Phillips was inadvertently omitted from the budget) Dr. Phillips also serves as Director of Regional Medical Programs at a salary rate of \$26,000 for 12 months. (RBC 80)

Radiology

32. Appoint Dr. Charles J. Fagan as Assistant Professor at a salary rate of \$18,000 for 12 months, effective November 1, 1968. Funds needed are to come from the departmental teaching salary budget. (RBC 101)

33. Appoint Dr. Thomas S. Allen as Clinical Instructor, part-time, without salary, effective October 1, 1968. (RBC 125)

Regional Medical Program

34. Reappoint Dr. Joseph T. Phillips as Director of Regional Medical Program at the same salary rate of \$26,000 for 12 months, effective September 1, 1968. Funds needed are to come from DHEW Grant No. 5 G02-RM-00007-03. (Dr. Phillips was inadvertently omitted from the budget). Dr. Phillips also serves as Assistant Professor, part-time, without salary, in the Department of Preventive Medicine and Community Health. (RBC 81)

Surgery

35. Reappoint Dr. Charles E. McCorkle, Jr., as Clinical Instructor, part-time, without salary, effective September 1, 1968. (RBC 76)

36. Reappoint Dr. Jerry D. Julian as Visiting Lecturer, part-time, without salary, effective September 1, 1968. (RBC 77)

37. Delete the name of Dr. Royal C. Stiernberg, Clinical Assistant Professor, part-time, at a salary of \$600 for 12 months. Dr. Stiernberg is transferring to the Department of Otorhinolaryngology. (RBC 97)

38. Delete the name of Dr. Charles W. Tennison, Lecturer, without salary. Dr. Tennison did not accept his 1968-69 appointment. (RBC 85)

Recommended Amendments to 1968-69 Budget - continuedSurgery (continued)

39. Delete the name of Dr. Edward A. Blackburn, Clinical Instructor, part-time, without salary. Dr. Blackburn is transferring to the Department of Otorhinolaryngology. (RBC 90)
40. Change the status of Dr. Lindsay B. Smith from Clinical Assistant Professor, part-time, without salary, to Instructor, part-time, without salary, effective September 1, 1968. (RBC 92)
41. Change the title only of Dr. Wiley J. Jenkins, Jr., from Clinical Assistant Professor, part-time, to Clinical Associate Professor, part-time, at the same salary of \$600 for 12 months, effective October 1, 1968. (RBC 111)
42. Change the title only of Dr. Paul J. Cunningham from Clinical Instructor, part-time, to Clinical Assistant Professor, part-time, without salary, effective October 1, 1968. (RBC 112)
43. Change the status of Dr. John P. Williams from Research Associate II at a salary rate of \$10,020 for 12 months to Research Instructor at a salary rate of \$11,000 for 12 months, effective October 1, 1968. Funds needed are to come from the departmental teaching salary budget. (RBC 113)
44. Change the status of Dr. William H. Ainsworth from Clinical Assistant Professor, part-time, at a salary of \$1,000 for 12 months to Clinical Associate Professor, part-time, at a salary of \$600 for 12 months, effective October 1, 1968. (RBC 114)
45. Change the title only of Dr. John Q. McGivney, from Clinical Assistant Professor, part-time, to Clinical Associate Professor, part-time, at the same salary of \$300 for 12 months, effective October 1, 1968. (RBC 115)

School of Allied Health Sciences -
Medical Record Administration

46. Appoint Mrs. Redith R. Kiser as Assistant Instructor, part-time, without salary, effective September 1, 1968. Mrs. Kiser also serves as Assistant Chief Medical Records Librarian in Medical Records Library at a salary of \$7,800 for 12 months. (RBC 95)

School of Allied Health Sciences -
Medical Technology

47. Appoint Miss Lola J. Stubbins as Assistant Instructor, part-time, without salary, effective September 1, 1968. Miss Stubbins also serves as Technical Director, Blood Bank, at a salary of \$10,000 for 12 months. (RBC 106)

School of Allied Health Sciences -
Occupational Therapy

48. Change the status of Miss Barbara A. Willis, Associate Instructor, part-time, at a salary of \$1,224 for 12 months, to without salary, effective September 1, 1968. (RBC 96)
49. Accept the resignation of Miss Margaret J. Adamson, Instructor, one-half time, at a salary of \$4,080 for 12 months, effective September 24, 1968. (RBC 119)

University Hospitals
Office of the Vice-President
for Health Services

50. Appoint Mr. Thomas M. Keefe as Assistant Administrator of Hospitals, part-time, without salary, effective September 1, 1968. Mr. Keefe also serves as Assistant Administrator of Hospitals, part-time, at a salary of \$12,500 for 12 months in the Chronic Home Dialysis Center. (RBC 102)

51. Change the status of Mr. William F. Smith from Assistant Administrator of Hospitals, at a salary rate of \$13,500 to Associate Administrator of Hospitals at a salary rate of \$15,500 for 12 months, effective October 1, 1968. Additional funds needed are to come from the departmental non-teaching salary budget. (RBC 105)

52. Appoint Mr. Jeffery L. Lagow as Assistant to the Administrator of Hospitals at a salary rate of \$12,000 for 12 months, effective October 1, 1968. Funds needed are to come from the departmental non-teaching salary budget. (RBC 124)

Medical House Staff

53. Appoint Dr. Gerald A. Beathard as Resident, part-time, without salary, effective September 1, 1968. Dr. Beathard also serves as Instructor, part-time, without salary, in the Departments of Internal Medicine and Pathology. (RBC 110)

Social Service

54. Increase the salary rate of Mrs. Mary C. Housman, Assistant Director, Social Service, from \$11,400 to \$12,000 for 12 months, effective October 1, 1968. Additional funds needed are to come from the departmental classified salary budget. (RBC 140)

Clinical Laboratory

55. Change the status of Mr. John M. Shipp, from Laboratory Technologist I at a salary rate of \$7,440 for 12 months to Laboratory Technologist II at a salary rate of \$9,240 for 12 months, effective October 1, 1968. Additional funds needed are to come from the departmental classified salary budget. (RBC 135)

Chronic Home Dialysis Center

56. Appoint Mr. Thomas M. Keefe as Assistant Administrator of Hospitals, part-time, at a salary of \$12,500 for 12 months, effective September 1, 1968. Funds needed are to come from DHEW Grant No. PH 86-67-238. Mr. Keefe also serves as Assistant Administrator of Hospitals, part-time, without salary in the Office of the Vice-President for Health Services. (RBC 103)

Transfer of Funds

57. From: Unallocated Appropriations - Instructional			<u>\$4,350.00</u>
To: Educational Television:			
Maintenance and Operation	\$1,800.00		
Equipment	1,350.00		
Travel	<u>1,200.00</u>		<u>\$4,350.00</u>
For: Provide funds for the creation of the Department of Educational Television.			

(RBC 142)

Recommended Amendments to 1968-69 Budget - continuedTransfer of Funds (continued)58. From: Neurology and Psychiatry - Teaching Salaries \$12,375.00To: Pediatrics - Teaching Salaries \$12,375.00

For: Create a new position of Assistant Professor - Psychology, at a salary rate of \$13,500 for 12 months, effective October 1, 1968, in the Department of Pediatrics.

(RBC 132)

Auxiliary EnterprisesUniversity Health Service

59. Increase the salary of Dr. James C. Guckian, Acting Director, University Health Service, part-time, from \$1,000 to \$1,125 for 12 months, effective October 1, 1968. Additional funds needed are to come from the departmental non-teaching salary budget. Dr. Guckian also serves as Assistant Professor, part-time, in the Department of Internal Medicine at a salary of \$14,000 for 12 months and as Acting Director, Personnel Clinic, part-time, at a salary of \$3,375 for 12 months. Total salary for 12 months, \$18,500. (RBC 130)

Sincerely yours,

T.G. Blocker, Jr.
for T. G. Blocker, Jr., M.D.
President

TCBJr:VET:br

THE UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL SCHOOL AT DALLAS
5323 Harry Hines Boulevard, Dallas, Texas 75235

November 11, 1968

Dr. Harry Ransom, Chancellor
The University of Texas System
Austin, Texas 78712

Dear Dr. Ransom:

The following docket for Southwestern Medical School at Dallas is submitted for your approval and presentation to the Board of Regents at its next meeting in Austin on December 13-14, 1968:

GIFTS OF \$1,000 OR MORE. It is recommended that the following gifts be accepted and that the appreciation of the Board of Regents be sent to the donors:

Donor	Purpose and Condition	Amount
1. *Ayerst Laboratories 685 Third Avenue New York, New York 10017	Research in Anesthesia	\$ 1,250.00
2. Dr. Kemp Clark Division of Neurosurgery Department of Surgery Surgery Trust Fund	Research in Neurosurgery	3,000.00
3. Mr. Leo Fields P. O. Box 2219 Dallas, Texas 75221	Lectureship Expenses	1,000.00
4. Mr. Lester Levy National Chemsearch Corp. P. O. Box 217 Irving, Texas 75060	Research on Cancer	2,617.25
5. Dr. John R. Lynn Division of Ophthalmology Department of Surgery Surgery Trust Fund	Research in Ophthalmology	18,000.00
6. Dr. V. A. Stembridge Department of Pathology Individual Gift	Research in Pathology	7,000.00
7. The Upjohn Company E. Keith Borden, M.D. Kalamazoo, Michigan 49001	Research on Orinase	1,200.00
8. *Mr. Adolph Weinberger 5031 De Loache Dallas, Texas 75220	Cardiovascular Research	3,655.50
9. *Dr. Peggy J. Whalley Department of Obstetrics and Gynecology Individual Gift	Faculty Gifts for Ob-Gyn	6,775.01

*No letter of transmittal received from the donor.

GRANTS (NON-GOVERNMENTAL). Approval of the following grants is requested, and it is recommended that the appreciation of the Board of Regents be sent to the donors:

1. Grant whereby Children's Development Center, Delores G. Chapa, Executive Director, 3131 North Pearl Street, Dallas, Texas provides \$4,000 for continued support for training in Clinical Psychology. This program is under the direction of Dr. Maurice Korman, Professor and Chairman of Division of Psychology.

2. Grant-in-Aid whereby Clairiol, Ben Marr Lanman, M.D., Medical Director, 1290 Avenue of the Americas, Rockefeller Center, New York, New York 10019 provides \$22,100 for research on Metabolic Fate of Dye H158. This project is under the direction of Dr. Eugene P. Frenkel, Associate Professor of Internal Medicine.

3. Purchase Order No. BS 189785 whereby Hamilton Standard, A. E. Smith, Buyer, Purchasing Department, Windsor Locks, Connecticut 06096 provides an amount not to exceed \$37,266 for the second year of testing procedures on Physiologic Studies on a Co-Pulsator Heart Assist Device. This project is under the direction of Dr. W. L. Sugg, Assistant Professor of Thoracic and Cardiovascular Surgery.

4. Fall Institutional Grant whereby the Medical Research Foundation of Texas, Inc., Mr. Sloane Wingert, Executive Vice President, Adams Petroleum Center Building, Houston, Texas 77025 provides \$7,500 for research. This grant is to be disbursed at the discretion of the Institutional Research Grants Committee, Dr. Charles C. Sprague, Dean, Chairman of the Committee.

5. Grant whereby Sterling-Winthrop Research Institute, William P. Blackmore, Ph.D., M.D., Director, Clinical Pharmacology, Rensselaer, New York 12144, provides \$15,000 for continued support of Research on Asperin for the period from October 1, 1968 through September 31, 1969. This project is under the direction of Dr. Ivan Danhof, Associate Professor of Physiology.

CONTRACTS AND GRANTS (FEDERAL). Approval is requested for the following:

1. Contract No. DA-49-193-MD-2489, Modification No. 6 whereby the Department of the Army, U.S. Army Medical Research and Development Command, Washington, D. C. 20315, provides additional funds in the amount of \$5,022 and extends the termination date to August 31, 1969 to continue support to the Administrative Expenditures of Chairman of Subcommittee on Nephrology of Advisory Committee to the Surgeon General. This contract is under the direction of Dr. Donald W. Seldin, Professor and Chairman of Department of Internal Medicine.

2. Contract No. AT-(40-1)-3546, Modification No. 2 whereby the United States Atomic Energy Commission, Oak Ridge Operations, P. O. Box E, Oak Ridge, Tennessee 37830, provides additional funds in the amount of \$30,000 and extends the termination date to August 31, 1969. This contract is under the direction of Dr. Mary E. Gaulden, Associate Professor of Radiology.

3. Supply Allowance Grant 1 FO3 AI 40467-01 whereby the National Institute of Allergy and Infectious Diseases, Public Health Service provides \$1,000 for support of Immunoglobulins in Experimental Urinary Tract Infection for the period from August 1, 1968 through July 31, 1969. This award is under the direction of Dr. William L. Hand and under the sponsorship of Dr. Jay P. Sanford, Professor of Internal Medicine.

4. Grant 1 G03 RM 00007-01, Project No. 18 whereby the Regional Medical Program in Texas, Richard T. Eastwood, Fiscal Agent, Texas Medical Center, Inc., 406 Jesse H. Jones Bldg., Houston, Texas 77025 provides \$20,176 for operation of a Demonstration Rehabilitation Unit for the period from July 1, 1968 through June 30, 1969. This project is under the direction of Dr. R. D. Burk, Professor and Chairman of Physical Medicine and Rehabilitation.

CONTRACTS AND GRANTS (FEDERAL). (continued)

5. Research Grant 5 R01 HE-03439-12 GMA whereby the National Heart Institute, Public Health Service, provides \$67,104 for research on Splanchnic Hemodynamics and Splanchnic Metabolism for the period from December 1, 1968 through November 30, 1969. This project is under the direction of Dr. Burton, Combes, Professor of Internal Medicine.

6. Research Grant 5 R01 AM-10073-04 END whereby the National Institute of Arthritis and Metabolic Diseases, Public Health Service, provides \$73,974 for research on Neurohumoral Control of the Anterior Pituitary for the period from September 1, 1968 through August 31, 1969. This project is under the direction of Dr. Samuel M. McCann, Professor and Chairman of Physiology.

7. Research Grant 1 R01 AI-08664-01 BM whereby the National Institute of Allergy and Infectious Diseases, Public Health Service, provides \$48,241 for research on Bacteria in Experimental Bronchitis - Emphysema for the period from October 1, 1968 through September 30, 1969. This project is under the direction of Dr. Alan K. Pierce, Associate Professor of Internal Medicine.

8. Fellowship Supply Allowance 5 FO3 HE-35818-02A1 whereby the National Heart Institute, Public Health Service, provides \$1,000 for a fellowship supply allowance for the period from July 1, 1968 through June 30, 1969 for Dr. James E. Wilson, III. This program is under the sponsorship of Dr. Alan K. Pierce, Assistant Professor of Internal Medicine.

9. Supply Allowance 5 FO3 GM 34243-03 whereby the National Institute of General Medical Sciences, Public Health Service, provides \$1,000 for a Research Fellowship Award (Special Supply Allowance) for Dr. Frank T. Kallus for the period from September 15, 1968 through September 14, 1969. This program is under the sponsorship of Dr. John C. Vanatta, Professor of Physiology.

10. Contract No. AT-(40-1)-3548, Modification No. 3 whereby the United States Atomic Energy Commission, Contract Division, Oak Ridge Operations, P. O. Box E, Oak Ridge, Tennessee 37830 provides for an extension of the period of performance to December 31, 1968 without additional funds. This project is under the direction of Dr. Donald S. Wiggans, Professor of Biochemistry.

11. Supply Allowance 1 FO3 GM 41406-01 whereby the National Institute of General Medical Sciences, Public Health Service, provides \$1,000 for Research Fellowship Award (Special Supply Allowance) for James P. Farrar for the period from August 1, 1968 through July 31, 1969. This award is under the sponsorship of Dr. William D. Willis, Professor and Chairman of Anatomy.

12. Fellowship Award 4 FO1 GM 37857-02 BNB whereby the National Institute of General Medical Sciences, Public Health Service, provides \$2,266 for a Pre-doctoral Research Fellowship Award for Larry J. Arcement to be effective no later than September 19, 1968. This award is under the sponsorship of Dr. Walter B. Dempsey, Clinical Assistant Professor of Biochemistry.

13. Supplemental Fellowship Award 3 FO1 GM 39565-01S1 BENG whereby the National Institute of General Medical Sciences, Public Health Service, provides \$238 additional funds for the Predoctoral Research Fellowship Award for Gordon H. Templeton. This award is under the sponsorship of Dr. William D. Willis, Professor and Chairman of Anatomy.

14. Research Grant 1 R01 GM 16258-01 BIO whereby the National Institute of General Medical Sciences, Public Health Service, provides \$13,812 for research on Electron Transfer Enzymes for the period from October 1, 1968 through September 30, 1969. This project is under the direction of Dr. Kosaku Uyeda, Clinical Assistant Professor of Biochemistry.

CONTRACTS AND GRANTS (FEDERAL). (continued)

15. Research Grant 1 R22 AI 08877-01 BM whereby the National Institute of Allergy and Infectious Diseases, Public Health Service, provides \$55,360 for research on Cholera toxin Production, Purification and Immunology for the period from October 1, 1968 through September 30, 1969. This project is under the direction of Dr. Richard A. Finkelstein, Associate Professor of Microbiology.

16. Contract No. NAS 2-3082, Modification No. 8 whereby National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California 94035, extends the expiration date to June 30, 1969. This project is under the direction of Dr. P. O'B. Montgomery, Professor of Pathology.

17. Contract No. NIH-69-40 whereby the National Cancer Institute, Public Health Service, provides \$99,650 for the Third National Cancer Survey in the Dallas-Fort Worth Area for the period from November 5, 1968 through September 30, 1969. This program is under the direction of Dr. Eugene P. Frankel, Associate Professor of Internal Medicine.

CONTRACTS AND AGREEMENTS (OTHER). Approval is requested for the following:

1. Interagency Contract IAC (68-69)-374 whereby the State Board of Control, Sam Houston State Office Building, Austin, Texas 78711 approves a contract not to exceed \$4,800 for The University of Texas Southwestern Medical School at Dallas to provide professional mental health consultants who will conduct teaching conferences, assist in program planning of courses in mental health, conduct inservice education of professional staff, and individual case consultations for evaluation purposes at Texas Woman's University for the period from October 15, 1968 through August 31, 1969. This program is under the direction of Dr. Robert L. Stubblefield, Professor and Chairman of Psychiatry.

2. Contract and Agreement whereby The Callier Hearing and Speech Center, Aram Glorig, M.D., Director, 1966 Inwood Road, Dallas, Texas 75235 agrees to pay \$4,000 for the period from September 1, 1968 through August 31, 1969 to Southwestern Medical School to provide and make available graduate students in psychology to assist the staff of the Callier Hearing and Speech Center. This program is under the direction of Dr. Maurice Korman, Professor and Chairman of Division of Psychology, Department of Psychiatry.

RECOMMENDED AMENDMENTS TO 1968-1969 BUDGET. Approval is requested for the following changes in the 1968-1969 budget:Office of Development

1. Change the status of Robert G. Fenley, effective November 1, 1968 from Science Writer at an annual salary rate of \$13,000 payable from Office of Medical Information budget to Director of Development at an annual salary rate of \$16,000 payable from Office of Development. (RBC No. 65)

Anesthesiology

2. Appoint Lawrence Adler, Assistant Professor, effective October 4, 1968, at an annual salary rate of \$25,000 payable from Parkland Memorial Hospital Services. (RBC No. 60)

Biochemistry

3. Change the status of Larry Cottam, effective October 1, 1968, from Fellow at an annual salary rate of \$8,700 payable from USPHS 1 T01 AM-05567 to Assistant Professor at an annual salary rate of \$14,000 payable from USPHS 1 T02 CH-1026. (RBC No. 56)

4. Appoint Louis B. Hersh, Assistant Professor, effective October 1, 1968, at an annual salary rate of \$14,000 payable from Biochemistry budget. (RBC No. 39)

RECOMMENDED AMENDMENTS TO 1968-1969 BUDGET. (continued)Biochemistry (continued)

5. Appoint Bettie Sue Masters, Assistant Professor, effective September 1, 1968, at an annual salary rate of \$2,000 payable from Biochemistry budget. Dr. Masters will also receive a direct award from American Heart Association in the amount of \$10,000. (RBC No. 15)

6. Appoint Friedrich Paltauf, Instructor, effective September 11, 1968, at an annual salary rate of \$11,000 payable from Biochemistry budget. (RBC No. 31)

Internal Medicine

7. Change the source of salary of David P. Nicholson, Associate Professor, effective September 1, 1968 from \$4,500 from Internal Medicine budget, \$18,000 from Parkland Memorial Hospital Services and \$1,500 from American Medical Association Education and Research Foundation, to \$6,000 from Internal Medicine budget and \$18,000 from Parkland Memorial Hospital Services. (RBC No. 41)

8. Delete from the budget George Edwards, Associate Professor (without tenure), effective September 30, 1968. Dr. Edwards was budgeted to be paid directly by the Veterans Administration Hospital. (RBC No. 67)

9. Reappoint John Baum, Assistant Professor, effective for the period from October 1, 1968 through October 15, 1968, at an annual salary rate of \$18,000 payable as follows: \$14,000 from USPHS 5 R01 AM-12035 and \$4,000 from USPHS 5 R01 AM-09989. (RBC No. 37)

10. Change the source of salary of Pedro Stastny, Assistant Professor, effective October 1, 1968, from \$4,000 from Internal Medicine budget, \$2,000 from North Texas Chapter Arthritis Foundation, \$6,500 from USPHS 2 T01 AM-05154 and \$5,500 from USPHS 5 R01 AM-09989, to \$5,000 from Internal Medicine budget, \$1,000 from North Texas Chapter Arthritis Foundation, \$6,500 from USPHS 2 T01 AM-05154 and \$5,500 from USPHS 5 R01 AM-09989. (RBC No. 64)

11. Appoint Donald S. Mierzwiak, Instructor, effective October 1, 1968, at an annual salary of \$1,100 payable from USPHS 5 P01 HE-06296. Dr. Mierzwiak will also receive \$16,941 from Veteran's Administration Hospital. (RBC No. 51)

12. Change the status of Elizabeth Hudson, effective October 1, 1968, from Research Technician I at an annual salary of \$5,784 payable from USPHS 5 R01 AM-04236 to Research Technician II at an annual salary of \$7,104 payable from USPHS 5 R01 AM-04236. (RBC No. 59)

Obstetrics and Gynecology

13. Change the status of Norman F. Gant, effective October 1, 1968, from Instructor at an annual salary rate of \$12,000 payable as follows: \$2,400 from Obstetrics and Gynecology budget and \$9,600 from USPHS 1 T01 HD-00256, to Assistant Professor at an annual salary rate of \$13,500 payable as follows: \$4,800 from Obstetrics and Gynecology budget and \$8,700 from USPHS 1 T01 HD-00256. (RBC No. 53)

14. Change the status of W. Kemp Strother, effective October 1, 1968, from Instructor to Assistant Professor with no change in salary. (RBC No. 54)

Pathology

15. Appoint Alexander A. Kosinski, Clinical Professor, 1/4 time, effective October 1, 1968 at an annual salary of \$5,000 payable from Pathology budget. (RBC No. 68)

RECOMMENDED AMENDMENTS TO 1968-1969 BUDGET. (continued)Pathology (continued)

16. Increase the annual salary rate of Morton F. Mason, Professor of Forensic Medicine and Toxicology, effective October 1, 1968 from \$20,322 made up as follows: \$9,750 from Pathology budget, \$4,000 from Parkland Memorial Hospital Services, and \$6,572 from City County Criminal Investigation Laboratory to \$20,881 made up as follows: \$9,750 from Pathology budget, \$4,000 from Parkland Memorial Hospital Services and \$7,131 from City County Criminal Investigation Laboratory. (RBC No. 50)

Pediatrics

17. Increase the annual salary rate of Fred Brooksaler, Professor, effective October 1, 1968 from \$11,000 from National Foundation Birth Defects and \$7,000 from Pediatrics budget, to \$11,600 from National Foundation Birth Defects and \$7,000 from Pediatrics budget. (RBC No. 44)

18. Increase the annual salary rate of Hugo A. Klint, Assistant Professor, effective October 1, 1968 from \$21,762 made up as follows: \$18,762 from USPHS 12 HS-328 and \$3,000 from Pediatrics budget, to \$22,324 made up as follows: \$19,324 from USPHS 12 HS-328 and \$3,000 from Pediatrics budget. (RBC No. 46)

19. Change the status of Paschal J. LaRuffa, effective October 1, 1968, from Instructor at an annual salary rate of \$16,000 payable from USPHS 12 HS-647, to Assistant Professor at an annual salary rate of \$19,000 payable from USPHS 12 HS-647. (RBC No. 47)

20. Appoint Arthur L. Fuston, Project Administrator, effective September 23, 1968, at an annual salary rate of \$12,000 payable from USPHS C & Y 647. (RBC No. 40)

Pharmacology

21. Change the status of Parkhurst A. Shore, effective September 1, 1968 through December 31, 1968, from Professor of Pharmacology at an annual salary rate of \$28,000 payable from Pharmacology budget, to Professor of Pharmacology and Acting Associate Dean for Graduate Studies at an annual salary rate of \$29,000 payable as follows: \$16,375 from Pharmacology budget and \$12,625 from Office of Graduate Studies. (RBC No. 52)

Physical Medicine and Rehabilitation

22. Change the status and source of salary of Donald A. Pool, effective September 1, 1968, from Associate Professor of Vocational Rehabilitation and Psychology and Chairman of Division of Vocational Rehabilitation, at an annual salary rate of \$14,000 payable as follows: \$6,800 from Physical Medicine and Rehabilitation budget and \$7,200 from VRA 394-T-69, to Assistant Professor of Vocational Rehabilitation and Psychology and Chairman of Division of Vocational Rehabilitation, at an annual salary rate of \$14,000 payable as follows: \$11,200 from Carruth Foundation and \$2,800 from Physical Medicine and Rehabilitation budget. (RBC No. 42)

Physiology

23. Appoint Janice B. Dorn, Instructor, effective October 1, 1968 at an annual salary rate of \$8,000 payable from Physiology budget. (RBC No. 62)

Radiology

24. Grant Leave of Absence for Agnes Guthrie, Instructor, for the period from September 1, 1968 through October 31, 1968. Dr. Guthrie is budgeted at an annual salary rate of \$15,000 payable as follows: \$13,000 from Children's Medical Center and \$2,000 from Parkland Memorial Hospital Services (RBC No. 49)

RECOMMENDED AMENDMENTS TO 1968-1969 BUDGET. (continued)Surgery

25. Change the status of Ronald C. Jones, effective for the period from October 20, 1968 through January 19, 1969, from Assistant Professor at an annual salary rate of \$17,500 payable from Surgery budget, to Assistant Professor, payable 3/8 time at an annual salary of \$6,562 from Surgery budget and 5/8 time directly by the Veteran's Administration Hospital, for this period only. (RBC No. 61)

26. Appoint William J. Stenstrom, Assistant Professor of Medical Art (Department of Medical Art and Surgery Division of Ophthalmology), effective October 1, 1968, at an annual salary rate of \$17,000 payable from the Edward Cary Fund. (RBC No. 58)

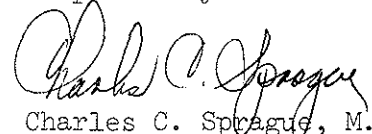
27. Appoint Jose P. Ampil, Instructor, effective for the period from September 1, 1968 through January 31, 1969, at an annual salary rate of \$9,000 payable from Surgery budget. (RBC No. 38)

28. Change the status of Stennis D. Wax, effective October 1, 1968, from Fellow at an annual salary rate of \$12,000 payable as follows: \$10,000 from American Medical Association Education and Research Foundation and \$2,000 from Dallas Heart Association to Instructor at an annual salary rate of \$13,000 payable from Surgery budget. (RBC No. 71)

Extension-Postgraduate Program

29. Transfer funds in the amount of \$2,019.93 from Unallocated Salaries, Account No. 207001, to Extension-Postgraduate Program Classified Salaries, Account No. 214001 to cover part-time employee for remainder of fiscal year. (RBC No. 63)

Respectfully submitted,



Charles C. Sprague, M.D.
Dean

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THE UNIVERSITY OF TEXAS
MEDICAL SCHOOL AT SAN ANTONIO

November 8, 1968

Dr. Harry Ransom, Chancellor
The University of Texas System
Austin, Texas 78712

Dear Dr. Ransom:

The following docket for The University of Texas Medical School at San Antonio is submitted for your approval and presentation to the Board of Regents at its next meeting in Austin on December 13-14, 1968:

GIFTS: Acceptance is recommended of the following gifts which have been received by The University of Texas Medical School at San Antonio:

<u>Donor</u>	<u>Purpose & Conditions</u>	<u>Amount</u>
1. *San Antonio Area Foundation 2007 NBC Building San Antonio, Texas 78205	Research in rheumatoid arthritis under direction of Dr. Robert Persellin	\$1,200.00
2. Medical Research Foundation of Texas, Inc. Adams Petroleum Center Bldg. Houston, Texas 77025	General research under direction of Institutional Grants Committee	\$7,500.00
3. Education & Research Institute of General Practice 1905 N. Lamar Boulevard Austin, Texas 78705	Student loan fund	\$1,000.00

*No letter of transmittal received from the donor.

GRANTS (NON-GOVERNMENTAL): Approval is requested for the following:

Morrison Trust

Correction of Grant Previously Awarded:

1. Change the amount of Morrison Trust Grant R-A-10, Intestinal Factors Affecting Carbohydrate Absorption, Dr. Elliot Weser, from \$23,557 to \$19,524 for the period October 1, 1968 - September 30, 1969.

Texas Heart Association

2. Grant-in-aid for Research
Studies of the Toxic Effects of Pharmacologic and Chemical Agents on Myocardial Protein Synthesis
Dr. Barry M. Beller
November 1, 1968 - June 30, 1969
\$7,350.00

CONTRACTS AND AGREEMENTS (OTHER): Approval is requested for the following:

Correction of Contract Previously Approved:

1. Change the amount of Bexar County Hospital District Contract #2 ending December 31, 1968 from \$347,500.00 to \$354,544.76.

RECOMMENDED AMENDMENTS TO 1968-69 BUDGET:

Microbiology

1. Appoint Dr. Jose G. Canchola as Assistant Professor at an annual salary rate of \$18,500 effective December 1, 1968. (RBC 23)

Psychiatry

2. Appoint Dr. Henry G. Kleck as Assistant Professor (one-half time) at an annual salary rate of \$22,000 effective October 1, 1968 through December 31, 1968. Funds needed for this appointment to come from BCHD Contract #2. (RBC 27)

3. Appoint Dr. Richard E. McKenzie as Assistant Professor (one-fourth time) at an annual salary rate of \$16,000 effective October 1, 1968 through December 31, 1968. Funds needed for this appointment to come from Bexar County Hospital District Contract #2. (RBC 33)

Bioengineering

4. Reappoint Dr. Gerard J. Celitans as Associate Professor at an annual salary rate of \$20,000 effective October 1, 1968 through February 28, 1969. Funds for this appointment to come from Unallocated Faculty Salaries. (RBC 26)

Regional Medical Program

5. Reappoint Dr. John M. Simpson as Program Coordinator and Assistant Professor of Obstetrics and Gynecology (25% time) at an annual salary rate of \$20,000 effective October 1, 1968 through June 30, 1969. Funds needed for this appointment to come from Grant RM-00007-03, Cervical Cancer. Dr. Simpson will also serve 75% time on BCHD Contract #2. (RBC 28)

TRANSFER OF FUNDS:

1. Amount of Transfer: \$10,000.00
 - To: Library - Maintenance & Operation
 - From: Library - Books, Serials & Bindings
 - For: To permit this department to more realistically meet its operational requirements. (RBC 32)

2. Amount of Transfer: \$3,527.00
 - To: Office of the Purchasing Agent - Classified Salaries \$3,227.00
 - Office of the Purchasing Agent - Wages 300.00
 - From: Unallocated - Classified Salaries
 - For: To provide the necessary salary funds to help meet the operational requirements of this department. (RBC 29)

3. Amount of Transfer: \$5,640.00
 - To: Physical Plant (Administration) - Maintenance & Operation \$5,640.00
 - From: Miscellaneous General Expense - Surety Bonds & Insurance 2,500.00
 - Unallocated - Maintenance & Operation 3,140.00
 - For: To provide the necessary funds to meet the premium payment for institutional Fire & Extended Coverage insurance for the period 9/24/68 to 9/24/71. (RBC 31)

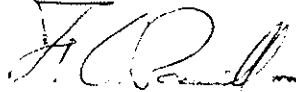
4. Amount of Transfer: \$11,774.00
 - To: Office of the Business Manager, Maintenance & Operation \$1,000.00
 - Office of the Director of Accounting, Classified Salaries 3,685.00
 - Office of the Director of Accounting, Maintenance & Operation 2,000.00
 - Office of the Purchasing Agent, Classified Salaries 437.00
 - Office of the Purchasing Agent, Maintenance & Operation 2,900.00
 - Office of the Personnel Director, Classified Salaries 252.00
 - Office of the Personnel Director, Maintenance & Operation 1,500.00
 - From: Unallocated - Classified Salaries 4,374.00
 - Unallocated - Maintenance & Operation 7,400.00
 - For: To provide the necessary operating funds to allow these departments to meet their operational requirements. (RBC 24)

5. Amount of Transfer: \$10,083.37
 To: Office of Academic Development - Non-Teaching Salaries
 From: Unallocated - Faculty Salaries
 For: To provide the necessary salary funds to meet the operational requirements of this department. (RBC 25)

PLANT FUNDS:

1. Transfer \$40,000 from interest on construction funds, time deposits (account 85-0202-0000) to Lutcher Conference Center -- Repair, Remodeling, Furnishings, and Equipment (account 85-0306-0099) to provide funds for repair, remodeling, furnishings, and equipment for the Lutcher Conference Center, which is carried on the property records of The University of Texas Medical School at San Antonio.

Sincerely yours,



F. C. Pannill, M.D.
 Dean

THE UNIVERSITY OF TEXAS NURSING SCHOOL
SYSTEM - WIDE
AUSTIN - GALVESTON

November 14, 1968

Chancellor Harry Ransom
The University of Texas System
Austin, Texas

Dear Chancellor Ransom:

The following docket is submitted for your approval and presentation to the Board of Regents at its meeting in Austin, Texas, on December 13-14, 1968:

Recommended Amendments to the 1968-69 Budget. Approval is requested for the following changes in the 1968-69 budget:

Clinical Nursing School at Galveston

1. Change the status of Virginia Harriett Walker, effective October 1, 1968, from Associate Professor and Acting Associate Dean, at a salary rate of \$15,500 for 12 months, to Associate Professor at a salary rate of \$13,000 for 9 months. Source of funds to come from departmental teaching salaries. (RBC #N-7).
2. Appoint Dorothy M. Damewood as Associate Dean and Professor at a salary rate of \$18,000 for 12 months, effective October 1, 1968. Source of funds to come from departmental academic administrative salaries. (RBC #N-8).

Sincerely yours,



Marilyn D. Willman, Ph.D.
Dean

THE UNIVERSITY OF TEXAS
DENTAL BRANCH
at Houston

November 13, 1968

Dr. Harry H. Ransom, Chancellor
The University of Texas
Austin, Texas 78712

Dear Doctor Ransom:

The following docket is submitted for your approval and presentation to the Board of Regents at the meeting in Austin, Texas, on December 13, and 14, 1968:

GIFT: The following gift has been received. I recommend your approval and that the appreciation of the Board of Regents be sent to the donor by the Secretary.

<u>Donor</u>	<u>Purpose and Condition</u>	<u>Amount</u>
1. American Fund for Dental Education, 211 East Chicago Avenue, Chicago, Illinois, 60611, Mr. M. Robert Krag, Director, Grants & Allocations Division	To add to the American Fund for Dental Education - Teacher Improvement Program	\$1,000.00

GRANT (NONGOVERNMENTAL): The following grant has been received. I recommend your approval and that the appreciation of the Board of Regents be sent to the Donor by the Secretary.

<u>Donor</u>	<u>Purpose and Condition</u>	<u>Amount</u>
1. Medical Research Foundation of Texas, Inc., Adams Petroleum Center Building, Houston, Texas, 77025 Mr. Marvin K. Collie, President	To add to the Medical Research Foundation of Texas Fund	\$7,500.00

Recommended Amendments to the 1968-69 Budget:

Medicine (Periodontics)

- Cancellation: 1968-69 appointment for Dr. Tolar N. Hamblen, Clinical Associate Professor (1/10 T.) at an annual salary of \$1,400.00. (RBC-9)

U.S.P.H.S. Research Grant 1 R01 DE-02791-01

- Transfer and Change of Status: Mrs. Linda J. Rider, from Research Technician I in U.S.P.H.S. Research Grant 5 P01 DE-02232-03 and 04 at an annual salary of \$5,784.00, to Research Technician II at an annual salary of \$7,104.00, effective October 1, 1968; \$4,202.00 available in budgeted position and transfer \$2,310.00 from Other Expenses. (RBC-10)

Unappropriated Balances

- Transfer of Funds: To transfer \$350,000.00 from Unexpended Plant Funds to the Unappropriated Balances - Educational and General Funds, in order to fund the 1968-69 Operating Budget. (RBC-11)

Respectfully submitted,

J. V. Olson
John V. Olson
Dean

THE UNIVERSITY OF TEXAS
M. D. ANDERSON HOSPITAL AND TUMOR INSTITUTE AT HOUSTON

November 14, 1968

Dr. Harry H. Ransom,
Chancellor
The University of Texas
Austin, Texas 78712

Dear Doctor Ransom:

The following docket is submitted for your approval and presentation to the Board of Regents at its meeting in Austin, Texas on December 13-14, 1968:

GOVERNMENT CONTRACTS AND GRANTS: The following Contracts, Grants, and Amendments have been negotiated by the Business Manager, and have been signed by the Director upon recommendation of the Contract Director, and the Business Manager, and approved by the Comptroller and Chancellor. I recommend your approval and ratification of signatures:

1. Grant No. 5 R01 CA 08381-04 GEN, by which the Department of Health, Education and Welfare Public Health Service, National Cancer Institute provides funds for research on "Genetics of Skin Tumors" for the period September 1, 1968 through August 31, 1970. The amount of \$36,295.00 is provided for the period September 1, 1968 through August 31, 1969. This grant is under the direction of Dr. David E. Anderson.
2. Grant No. 5 R01 CA 01785-17 BBKA, by which the Department of Health, Education and Welfare Public Health Service, National Cancer Institute provides funds for research on "Characterization of Plasma and Urinary Proteins" for the period September 1, 1968 through August 31, 1972. The amount of \$26,158.00 is provided for the period September 1, 1968 through August 31, 1969. This grant is under the direction of Dr. B. Jirgensons.
3. Grant No. 2 R01 GM 15597-02 GEN, by which the Department of Health, Education and Welfare, Public Health Service, National Institute of General Medical Sciences provides funds for research on "Genetic and Comparative Studies of Enzymes" for the period September 1, 1968 through August 31, 1973. The amount of \$61,050.00 is provided for the period September 1, 1968 through August 31, 1969. This grant is under the direction of Dr. Charles R. Shaw.
4. Grant No. 5 R01 CA 10244-02 PC, by which the Department of Health, Education and Welfare, Public Health Service, National Cancer Institute provides funds for research on "Synthesis of Proteins and Ribosomes in Rat Nuclei" for the period September 1, 1968 through August 31, 1970. The amount of \$18,248.00 is provided for the period September 1, 1968 through August 31, 1969. This grant is under the direction of Dr. Robert B. Hurlbert.
5. Grant No. 5 R01 CA 07923-05 VR, by which the Department of Health, Education and Welfare Public Health Service, National Cancer Institute provides funds for research on "A Comparison of Murine and Human Leukemia" for the period September 1, 1968 through August 31, 1970. The amount of \$46,422.00 is provided for the period September 1, 1968 through August 31, 1969. This grant is under the direction of Dr. Joseph G. Sinkovics.
6. Grant No. 3 R01 CA 05312-08S1 PTHB, by which the Department of Health, Education and Welfare Public Health Service, National Cancer Institute provides added funds in the amount of \$7,824.00 for research project "Chemical and Histochemical Studies of Carcinogenesis" and extends for three months the termination date, for the revised period of September 1, 1967 through November 30, 1968. This grant is under the direction of Dr. Jeffrey P. Chang.

7. Grant No. 2 R10 CA 08859-03 SRC, by which the Department of Health Education and Welfare Public Health Service, National Cancer Institute provides funds for research on "Physiology of Platelets and Their Role in Therapy" for the period September 1, 1968 through August 31, 1971. The amount of \$160,150.00 is provided for the period September 1, 1968 through August 31, 1969. This grant is under the direction of Dr. Carl F. Tessmer.
8. Grant No. 1 R01 CA 10953-01 RAD, by which the Department of Health, Education and Welfare Public Health Service, National Cancer Institute provides funds for "The Radiological Physics Center" for the period September 1, 1968 through August 31, 1970. The amount of \$80,589.00 is provided for the period September 1, 1968 through August 31, 1969. This grant is under the direction of Dr. Robert J. Shalek.
9. Contract No. PH-43-68-631 (Modification No. 1.), by which the Department of Health, Education and Welfare Public Health Service, National Institutes of Health extends the termination date for two months and adds \$5,255.00 additional funds for the research project "Procurement of Specific Neoplastic Tissue and Human Serum", making the total contract amount \$37,740.00. The revised dates of the contract are November 8, 1967 through January 7, 1969. This contract is under the direction of Dr. Carl F. Tessmer.
10. Grant No. 1 R01 CA 11023-01 PTHB, by which the Department of Health, Education and Welfare Public Health Service, National Cancer Institute provides funds for research on "Biology and Physiology of Human Melanoma Grown in Vitro" for the period November 1, 1968 through October 31, 1971. The amount of \$26,624.00 is provided for the period November 1, 1968 through October 31, 1969. This grant is under the direction of Dr. Marvin M. Romsdahl.
11. Grant No. 1 R13 CA 11078-01 GEN, by which the Department of Health, Education and Welfare, Public Health Service, National Cancer Institute provides \$16,276.00 for support of "Annual Symposium on Fundamental Cancer Research" for the period September 1, 1968 through August 31, 1969. This grant is under the direction of Dr. R. Lee Clark.
12. Contract No. AT-(38-1)-526, by which the U. S. Atomic Energy Commission has entered into an agreement for the loan of a limited supply of radioisotope Californium-252 (^{252}Cf) in order to encourage scientific and industrial progress in medical research activities. This contract also provides for the loan of certain items of equipment in conducting this experimental project, and such equipment is to be returned to the U. S. Atomic Energy Commission at the end of the contract. This project is under the direction of Dr. Robert J. Shalek.
13. Grant No. 5 R01 CA 10407-02 MBY, by which the Department of Health, Education and Welfare, Public Health Service, National Cancer Institute provides funds for research on "Control of Anabolism of Pyrimidine Ribo-Nucleosides" for the period September 1, 1968 through August 31, 1970. The amount of \$17,388.00 is provided for the period September 1, 1968 through August 31, 1969. This grant is under the direction of Dr. Antonio Orengo.

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CONTRACTS AND AGREEMENTS, NONGOVERNMENT SPONSORED, INCLUDING RESEARCH GRANTS AS DISTINGUISHABLE FROM GIFTS:

GRANTS: The following grants have been accepted on behalf of The University of Texas M. D. Anderson Hospital and Tumor Institute at Houston by the Director. I recommend approval and ratification of signatures:

1. Grant No. IN-43J, by which the American Cancer Society, Inc. provides \$40,000.00 for "Institutional Research Grant" for the period December 1, 1968 through November 30, 1969. This grant is under the direction of Dr. James M. Bowen.

GIFTS: I recommend acceptance of the following gifts and that the appreciation of the Board be sent to the donor by the Secretary:

\$ + F

<u>Donor</u>	<u>Purpose and Condition</u>	<u>Amount</u>
1. Estate of Jodie A. Brown, by Mr. Edward E. Cockrell, Atty. Post Office Box # 33 Abilene, Texas 79604	1/3 of net proceeds in sale of home in Wallis, Texas willed to hospital and placed in fund "Various Donors for Patient Welfare Fund" as requested.	\$2,342.33
2. Estate of Joe L. Hill, by Mr. Samuel E. Bass, Trust Officer, First National Bank in Dallas, Post Office Box # 6031 Dallas, Texas 75222	Bequest from Estate of Joe L. Hill to Memorialize a Room for Joe L. and Ethel L. Hill. Funds placed in "Various Donors for Building and Equipment Fund"	\$3,500.00
3. Estate of Katherine Kuhlmann, by Christian G. Kuhlmann and Charles A. Saunders, Independent Executors % Fulbright, Crooker, Freeman, Bates & Jaworski, Attorneys Bank of the Southwest Bldg. Houston, Texas 77002	Bequest from estate of Katherine Kuhlmann by will, and placed in unrestricted fund "Unallocated Gift Fund"	\$2,000.00
4. Mr. Taylor Ray 2419 Fannin Street, Suite # 200, P. O. Box # 726 Houston, Texas 77001	Proceeds from sale of 50 shares of Decorator Industries, Inc. stock and placed in account "Various Donors for Leukemia Research"	\$1,046.87

BUDGET CHANGES: The following budget changes are submitted for your approval and presentation to the Board of Regents at its meeting in Austin, Texas on December 13 - 14, 1968:

1967-68

Medical Staff (Pathology)

1. Leave of Absence Without Pay. Dr. Mabelle E. Mayne, Assistant Biochemist, at \$14,000.00 per annum payable from National Institutes of Health Grant No. 5-R01-CA-06939 (Position 7), effective for the period July 31, 1968 through August 31, 1968. (RBC 346)

1968-69

Office of the Director

1. Appointment. Albert N. Holden, Coordinator of the Rehabilitation Program (Position 54) at \$15,000.00 per annum, payable from National Institutes of Health Grant No. 5-S01-FR-05511, effective September 1, 1968. (RBC 43)

Personnel

2. Appointment. Dawn A. Allen, Clerk Typist II (New Position 15) at \$4,392.00 per annum, effective September 16, 1968. Source of funds for this new position is the Reserve for Salaries Account. (RBC 53)

Medical Staff (Medicine)

3. Appointment. Dr. Eduardo P. Wyse, Clinical Assistant Internist (1/3 Time) (Position 2) at \$7,000.00 per annum, payable from the Kelsey-Leary Foundation Fund, effective September 1, 1968 through January 31, 1969. (RBC 6)

4. Appointment Revised. Dr. Michael H. Siegelman, Assistant Internist (Position 17) from \$16,000.00 to \$12,000.00 per annum, effective September 1, 1968 through September 4, 1968. Dr. Siegelman terminated his services effective September 4, 1968. (RBC 46)

5. Appointment. Jennifer Hardin, Secretary I (New Position 33) at \$4,584.00 per annum, effective September 23, 1968. Source of funds for this new position is the Reserve for Salaries Account. (RBC 52)

Medical Staff (Pediatrics)

6. Appointment. Dr. Jordan R. Wilbur, Associate Pediatrician and Associate Professor of Pediatrics (1968-69) (Position 2) at \$20,000.00 per annum from budgeted position, effective September 1, 1968. Unused monies in the amount of \$5,000.00 are to be transferred to the Reserve for Salaries Account. (RBC 54)

7. Appointment. Carol A. Johnson, Secretary III (New Position 8) at \$6,468.00 per annum, effective September 9, 1968. Source of funds for this new position is the Reserve for Salaries Account. (RBC 61)

8. Appointment and Change in Status. Dr. Anastasia P. Miller, from Fellow in Pediatrics, Office of Education, payable at 1/2 Time rate of \$4,000.00 per annum, to Clinical Assistant Pediatrician, Department of Pediatrics (1/3 Time) (New Position 9) at \$4,000.00 per annum, effective September 1, 1968. (RBC 69)

Medical Staff (Pathology)

9. Appointment. Charles R. Knowles, Assistant Chemist (Analytical) at \$15,000.00 per annum payable from National Institutes of Health Grant No. 7-R01-GM 16229 (Position 2), effective September 1, 1968. (RBC 7)

10. Resignation. Dr. Giles S. Green, Assistant Pathologist and Assistant Professor of Pathology, at \$21,500.00 per annum, payable \$12,000.00 per annum from budgeted position in the Department of Pathology (Position 10), and \$9,500.00 per annum from Public Health Service Contract No. PH43-68-631 (Position 2), effective September 1, 1968. (RBC 3)
11. Resignation. Dr. Robert S. Donner, Assistant Pathologist and Assistant Professor of Pathology (Position 9) at \$19,000.00 per annum, effective at the beginning of business September 1, 1968. (RBC 17)
12. Appointment. Dr. John M. Lukeman, Associate Pathologist and Associate Professor of Pathology (1968-69) at \$18,000.00 per annum payable \$13,500.00 per annum from budgeted position 19 in the Department of Pathology and \$4,500.00 per annum from the Bureau of Disease Prevention and Environmental Control Grant No. 77-984 (Position 2), effective September 1, 1968. (RBC 18)
13. Appointment and Change in Source of Funds. Dr. Suk C. Chang, Associate Pathologist and Assistant Professor of Pathology, from \$21,500.00 per annum payable at \$17,000.00 per annum from budgeted position 8 in the Department of Pathology and \$4,500.00 per annum from Bureau of Disease Prevention and Environmental Control Grant No. 77-984 (Position 2) to \$18,500.00 per annum payable from budgeted position 8 in the Department of Pathology, effective September 1, 1968 to December 31, 1968. Unused funds in the amount of \$10,833.36 are to be transferred to the Reserve for Salaries Account. (RBC 19)
14. Appointment. Dr. Elmer W. Koneman, Assistant Pathologist and Assistant Professor of Pathology, at \$17,000.00 per annum payable \$10,000.00 per annum from National Institutes of Health Grant No. 5-P02-CA-05831 (Position 45) and \$7,000.00 per annum from budgeted position 13 in the Department of Pathology, effective September 1, 1968. Unused funds in the amount of \$8,000.00 are to be transferred to the Reserve for Salaries Account. (RBC 57)

Medical Staff (Diagnostic Radiology)

15. Appointment. Dr. Hector Medellin, Faculty Associate (New Position 13) at \$20,000.00 per annum, effective September 1, 1968. Source of funds for this new position is the Reserve for Salaries Account. (RBC 67)
16. Appointment. Dr. Cesare Gianturco, Radiologist, Deputy Project Director of the Clinical Cancer Training Grant Program, Office of Education, and Professor of Radiology (1968-69) (New Position 12) at \$25,000.00 per annum, payable \$12,500.00 per annum from general funds and \$12,500.00 per annum from National Institutes of Health Grant No. 5-R12-CA-08000 (New Position 26), effective September 1, 1968. Source of funds for General Fund appointment is the Reserve for Salaries Account. (RBC 9)
17. Appointment. Anna D. Cantu, Clerk I. (New Position 17) at \$3,504.00 per annum, effective October 24, 1968. Source of funds for this new position is the Reserve for Salaries Account. (RBC 50)
18. Appointment. Nan L. Krauth, Secretary I. (New Position 14) at \$4,584.00 per annum, effective October 1, 1968. Source of funds for this new position is the Reserve for Salaries Account. (RBC 83)
19. Appointment. Annie V. Chatman, Clerk I. (New Position 16) at \$3,504.00 per annum, effective October 1, 1968. Source of funds for this new position is the Reserve for Salaries Account. (RBC 85)

Medical Staff (Radiotherapy)

20. Resignation. Dr. Fred Y. Durrance, Assistant Radiotherapist and Assistant Professor of Radiotherapy (Position 7) at \$20,000.00 per annum, effective at the beginning of business September 1, 1968. (RBC 4)
21. Appointment. Dr. Max L. Boone, Associate Radiotherapist, at \$23,000.00 per annum, payable \$8,000.00 from budgeted position 5 in the Department of Radiotherapy and \$15,000.00 from National Institutes of Health Grant No. 5-301-FR-05511 (Position 48), effective September 1, 1968. (RBC 27)

Medical Staff (Surgery)

22. Appointment. Dr. Douglas E. Johnson, Assistant Surgeon (Urology) and Faculty Associate in Urology (New Position 31) at \$18,000.00 per annum, effective September 1, 1968. Source of funds for this new position is the Reserve for Salaries Account. (RBC 11)

Medical Staff (Anesthesiology)

23. Resignation. Dr. John Q. Durfey, Associate Anesthesiologist and Assistant Professor of Anesthesiology (Position 3) at \$20,000.00 per annum, effective September 30, 1968. (RBC 33)

Research (Biochemistry)

24. Appointment. Dr. Ming Cheng Liao, Assistant Biochemist at \$12,000.00 per annum payable \$10,000.00 per annum from National Institutes of Health Grant No. 1-R01-CA-10244 (New Position 5), and \$2,000.00 per annum from American Cancer Society Grant No. E-488 (New Position 6), effective September 1, 1968. (RBC 68)

25. Appointment. Dr. Wan-kyng Liu Shum, Assistant Biochemist, at \$12,500.00 per annum payable from the Nancy D. Carmichael Estate for Cancer Research fund (New Position 6), effective October 1, 1968. (RBC 80)

Research (Section of Medical Genetics)

26. Appointment. Dr. James N. Baptist, Research Associate, at \$12,000.00 per annum payable from National Institutes of Health Grant No. 7-R01-GM-15597 (Position 6), effective September 1, 1968. (RBC 16)

Research (Molecular Biology)

27. Change in Source of Funds. Dr. Mary J. Tevethia, Assistant Biologist, from \$15,000.00 per annum, payable \$7,500.00 per annum from budgeted position 1 in the Section of Molecular Biology, and \$7,500.00 per annum payable from National Science Foundation Grant No. GB-5642 (Position 3) to \$15,000.00 per annum payable from budgeted position 4 and budgeted position 2 in the Section of Molecular Biology, effective September 1, 1968. Unused funds in the amount of \$1,500.00 in position 2 are to be transferred to the Reserve for Salaries Account. (RBC 42)

Research (Environmental Biology)

28. Change in Status and Source of Funds. Dr. Joseph R. Shaeffer, from Assistant Physicist and Assistant Professor of Biophysics (Position 5) at \$16,000.00 per annum in the Section of Research Physics to Assistant Biologist and Assistant Professor of Biology, at \$16,000.00 per annum payable from new budgeted position 6 in the Section of Environmental Biology, effective September 1, 1968. (RBC 41 Revised)

29. Transfer of Funds. Transfer \$10,000.00 from the Maintenance and Operation Appropriation, Section of Medical Genetics, Department of Biology, to the Equipment account of the Section of Environmental Biology, Department of Biology, to permit the purchase of new equipment for this department. (RBC 72)

Research (Molecular Biology)

30. Salary Increase. Dr. Thomas S. Matney, Associate Biologist and Associate Professor of Biology (1968-69) (Position 2) from full-time at \$19,000.00 per annum, to 1/2 Time, at \$10,000.00 per annum, effective September 1, 1968. (RBC 24)

Research (Physics)

31. Appointment. Robert Golden, Assistant in Physics (Position 2) at \$16,800.00 per annum payable from National Institutes of Health Grant No. 1-R01-CA-10953, effective September 1, 1968. (RBC 60)

32. Appointment. Jackson H. Cundiff, Assistant in Physics, (New Position 4) at \$14,000.00 per annum payable from National Institutes of Health Grant No. 1-R01-CA-10953, effective October 1, 1968. (RBC 78)

Research (Isotopes)

33. Resignation. Gary A. Wood, Assistant in Physics (Position 2) at \$13,300.00 per annum, payable \$3,990.00 per annum from budgeted position 2 of Research Isotopes and \$9,310.00 per annum from position 2 of Clinical Isotopes, effective at the close of business September 30, 1968. (RBC 39)

34. Appointment. Dr. Monroe F. Jahns, Assistant Physicist and Assistant Professor of Biophysics, at \$17,000.00 per annum, payable \$10,200.00 per annum from position 1 of Research Isotopes and \$6,800.00 per annum from budgeted position 1 of Clinical Isotopes, effective September 1, 1968. Unused funds in these positions are to be transferred to the Reserve for Salaries Account. (RBC 14)

35. Appointment and Salary Increase. Dr. Peter R. Almond, from Assistant Physicist and Assistant Professor of Biophysics, at \$19,000.00 per annum payable \$11,600.00 per annum from budgeted position 1 of Research Isotopes, and \$7,400.00 per annum from budgeted position 1 of Clinical Isotopes, to Assistant Physicist and Associate Professor of Biophysics (1968-68) (Position 4) at \$19,000.00 per annum in Clinical Physics, effective September 1, 1968. Source of funds is budgeted position 4 and Reserve for Salaries Account. (RBC 40)

Research (Experimental Radiotherapy)

36. Appointment. Dr. H. Rodney Withers, Associate Radiotherapist and Associate Professor of Radiotherapy (1968-69) (Position 6) at \$22,500.00 per annum, effective September 1, 1968, from Reserve for Salaries Account. (RBC 10)

37. Change in Status. Dr. Herman D. Suit, from Associate Radiotherapist and Associate Professor of Radiotherapy (1968-69) to Radiotherapist and Professor of Radiotherapy (1968-69) at \$23,000.00 per annum payable from budgeted position 1 in Experimental Radiotherapy, effective September 1, 1968. (RBC 47)

38. Change in Status. Dr. Robert D. Lindberg, from Assistant Radiotherapist and Assistant Professor of Radiotherapy to Associate Radiotherapist and Associate Professor of Radiotherapy (1968-69), at \$20,000.00 per annum payable from budgeted position 2 in Experimental Radiotherapy, effective September 1, 1968. (RBC 48)

Research (Experimental Oncology)

39. Appointment. Dr. James E. Carver, Jr., Assistant Biologist and Assistant Professor of Biology, at \$14,000.00 per annum, payable \$7,000.00 per annum from National Institutes of Health Grant No. 1-R01-CA-8910 (Position 4) and \$7,000.00 per annum from National Institutes of Health Grant No. 5-S01-FR-5511 (Position 49), effective September 1, 1968. (RBC 12)

Research (Experimental Anesthesiology)

40. Resignation. Dr. William A. Boyd, Clinical Physiologist and Associate Professor of Clinical Physiology (1968-69) (Position 1) at \$20,000.00 per annum in budgeted position, effective at the beginning of business September 1, 1968. (RBC 8)

Research (Developmental Therapeutics)

41. Appointment. Dr. Emma J. Lappat, Assistant Internist and Assistant Professor of Medicine, at \$18,500.00 per annum, payable \$3,330.00 per annum from National Institutes of Health Grant No. 1-R10-CA-10379 (Position 5), and \$15,170.00 per annum from Public Health Service Contract No. PH43-60-949 (Position 5), effective September 1, 1968. (RBC 32)

42. Resignation. Eleanor W. Bowen, Research Associate, at \$8,880.00 per annum, payable from National Institutes of Health Grant No. 1-R10-CA-10042 (Position 3), effective at the beginning of business September 1, 1968. (RBC 2)

43. Appointment. Dr. Samuel Rose, Harry Carothers Wiess Visiting Professor of Oncology and Associate Pharmacologist, at \$20,000.00 per annum, payable from Harry Carothers Wiess Chair for Cancer Research fund (Position 2), effective September 1, 1968. (RBC 15)

Research (Biomathematics)

44. Change in Status. Dr. Stuart O. Zimmerman, from Associate Biomathematician and Acting Head of Department of Biomathematics to Associate Biomathematician and Associate Professor of Biomathematics (1968-69) at \$24,000.00 per annum, payable from budgeted position 1 of Biomathematics, effective September 1, 1968. (RBC 49)

45. Resignation. Nathan Zainfield, Jr., Hybrid Computer Design Engineer, at \$15,000.00 per annum payable from National Institutes of Health Grant No. 5-P07 - 00258 (Position 4), effective September 1, 1968. (RBC 70)

46. Appointment. Dr. Abraham Charnes, Jesse Jones Professor of Biomathematics and Consultant in Biomathematics and Management Sciences (1/3 Time) (New Position 9) at \$15,000.00 per annum, effective September 1, 1968. Source of funds for this new position is the Reserve for Salaries Account. (RBC 71)

47. Appointment. Dr. Barry W. Brown, Associate Biomathematician, at \$18,000.00 per annum payable from National Institutes of Health Grant No. 5-P07-FR-0258 (New Position 20), effective September 1, 1968. (RBC 20)

48. Resignation. Morris C. Enfield, Jr., Supervisor of Program Analysis and Production, at \$14,000.00 per annum payable from National Institutes of Health Grant No. 5-P07-FR-00258 (Position 2), effective August 31, 1968. (RBC 77)

Research (Virology)

49. Appointment. Dr. Gambriel Seman, Associate Virologist and Associate Professor of Virology (1968-69) (Position 2) at \$18,000.00 per annum, effective September 1, 1968 from position 2 and Reserve for Salaries Account. (RBC 21)

50. Resignation. Dr. Karta K. Sekhri, Assistant Virologist at ~~\$12,000.00~~^{12,500.00} per annum payable from Public Health Service Contract No. PI43-65-604 (Position 4) effective October 15, 1968. (RBC 79)

Education (Office of Education)

51. Resignation. Dr. Arthur I. Holleb, Associate Director (Education), Surgeon and Associate Professor of Surgery (1968-69) (Position 1) at \$28,000.00 per annum, effective September 15, 1968. (RBC 31)

52. Appointment. Dr. Dennis F. Moore, Advanced Senior Fellow in Medicine, at \$15,000.00 per annum, payable from National Institutes of Health Grant No. 5-T12-CA-08000 (Position 5) effective September 1, 1968 through June 30, 1969. (RBC 34)

53. Appointment. Dr. Jack R. Boyd, Advanced Senior Fellow in Diagnostic Radiology, at \$15,000.00 per annum payable from National Institutes of Health Grant No. 5-T12-CA-08000 (Position 4), effective September 1, 1968 through June 30, 1969. (RBC 37)

54. Appointment. Dr. Edward L. Gillette, Advanced Fellow in Radiation Biology, at \$14,000.00 per annum payable from National Institutes of Health Grant No. 5-T01-CA-05099 (Position 2), effective September 1, 1968. (RBC 44)

55. Appointment. Dr. Jesus Caderao, Project Investigator in Radiotherapy, at \$14,000.00 per annum, payable from National Institutes of Health Grant No. 1-P02-CA-10006 (Position 2), effective September 1, 1968. (RBC 38)

56. Appointment. Dr. James M. Slater, Fellow in Radiotherapy, at \$14,000.00 per annum payable from National Institutes of Health Grant No. 5-T01-CA-05099 (Position 14), effective September 1, 1968. (RBC 51)
57. Appointment. Dr. Howard T. Barkley, Jr., Fellow in Radiotherapy, at \$16,000.00 per annum payable from National Institutes of Health Grant No. 5-T01-CA-05099 (Position 17), effective September 1, 1968. (RBC 55)
58. Appointment. Dr. George M. Fitting, Jr., Advanced Senior Fellow in Anesthesiology, at \$15,000.00 per annum, payable from National Institutes of Health Grant No. 5-T12-CA-08000 (Position 2), effective September 1, 1968 through June 30, 1969. (RBC 36)
59. Appointment. Dr. Oscar Guillamondegu, Advanced Senior Fellow in Surgery, at \$15,000.00 per annum payable from National Institutes of Health Grant No. 5-T12-CA-08000 (Position 8), effective September 1, 1968 through January 7, 1969. (RBC 35)
60. Appointment. Robert M. Letscher, Resident in Animal Medicine (New Position 64) at \$7,000.00 per annum, effective September 1, 1968 to February 28, 1969. Source of funds for this position is the Reserve for Salaries Account. (RBC 62)

Patient Care Activities (Anesthesiology Service)

61. Appointment. Salvador Rodriguez, Nurse Anesthetist (Position 13) at \$9,600.00 per annum, effective September 3, 1968. Source of funds for this position is budgeted position 13 in the Section of Anesthesiology Service and Reserve for Salaries Account. (RBC 23)

Patient Care Activities (Clinic Outpatient Services)

62. Appointment. Josephine Sprout, Clinic Administrative Assistant, (Position 1) at \$7,800.00 per annum, effective September 1, 1968. Unused Funds in position 1 are to be transferred to the Reserve for Salaries Account. (RBC 28)

Patient Care Activities (Radiotherapy Service)

63. Salary Increase. Mary A. Walker, Chief Radiotherapy Technician, (Position 5) from \$11,000.00 to \$12,000.00 per annum, effective October 1, 1968. Source of funds for this salary increase is the Reserve for Salaries Account. (RBC 1)

Patient Care Activities (Nursing Service, Recovery Room)

64. Appointment. Ruth V. Hammond, Staff Nurse - Evening (New Position 21) at \$7,800.00 per annum, effective September 9, 1968. Source of funds for this new position is the Reserve for Salaries Account. (RBC 22)
65. Appointment. Ruby D. Gonzales, Staff Nurse (New Position 20) at \$7,440.00 per annum, effective September 23, 1968. Source of funds for this new position is the Reserve for Salaries Account. (RBC 58)
66. Appointment. Dorothy Carrizales, Staff Nurse (New Position 22) at \$7,440.00 per annum, effective September 23, 1968. Source of funds for this new position is the Reserve for Salaries Account. (RBC 59)
67. Appointment. Janis D. Scott, Staff Nurse (New Position 23) at \$7,440.00 per annum, effective September 16, 1968. Source of funds for this new position is the Reserve for Salaries Account. (RBC 63)
68. Appointment. Valerie J. Deanda, Staff Nurse (New Position 24) at \$7,440.00 per annum, effective October 1, 1968. Source of funds for this new position is the Reserve for Salaries Account. (RBC 84)

Patient Care Activities (Volunteer Services)

69. Appointment. Catherine C. Craig, Director of Volunteer Services, (Position 1) at \$9,600.00 per annum, effective September 1, 1968. (RBC 45)

Patient Care Activities (Director of Nursing Office)

70. Resignation. Barbce J. Cassingham, Program Director, at \$10,440.00 per annum payable from the Bureau of Disease Prevention and Environmental Control Grant No. 77-988 (Position 2), effective at the beginning of business September 1, 1968. (RBC 5)

Patient Care Activities (Nursing Service, Clinic)

71. Appointment. Dorothy J. Morrison, Staff Nurse (Position 19) at \$7,800.00 per annum, effective September 23, 1968. Source of funds for this position is budgeted position 19 in the Department of Nursing Service, Clinic and the Reserve for Salaries Account. (RBC 64)

Patient Care Activities (Nursing Service, Hospital)

72. Appointment. Alice Werner, Clerk I. - Day/Evening (New Position 298) at \$4,200.00 per annum, effective September 15, 1968. Source of funds for this new position is the Reserve for Salaries Account. (RBC 65)

General Services (Medical Communications)

73. Appointment. Carol J. Overend, Program Director (New Position 30) at \$8,520.00 per annum, effective September 1, 1968. Source of funds for this new position is the Reserve for Salaries Account. (RBC 66)

74. Change in Status and Salary Increase. Jerry H. Babineaux, from Communications Equipment Technician at \$5,028.00 per annum (Position 6) to Electronic Technician (Position 6) at \$6,468.00 per annum, effective October 1, 1968. Source of funds for this reclassification is the Reserve for Salaries Account. (RBC 81)

General Services - Purchasing and Transportation

75. Appointment. Marvin S. Tweedy, Purchasing Manager (New Position 19) at \$12,500.00 per annum, effective September 1, 1968. Source of funds for this new position is the Reserve for Salaries Account. (RBC 30)

Furnishings and Equipment

76. Transfer of Funds. Transfer funds in the amount of \$2,250,000.00 from Unappropriated Surplus to Furnishings and Equipment Account to reappropriate for the 1968-69 fiscal year funds appropriated by the Sixtieth Legislature for purchasing of Furnishings and Equipment. These funds were initially appropriated by Senate Bill 15 of the 60th. Legislature Regular Session 1967, and were reappropriated by House Bill 5 of the 60th. Legislature, First Called Session 1968. (RBC 76)

Respectfully submitted,

for *Jeff Boyd, Administrator*
R. Lee Clark, M. D.,
Director and Surgeon-in-Chief

THE UNIVERSITY OF TEXAS
GRADUATE SCHOOL OF BIOMEDICAL SCIENCES AT HOUSTON
DIVISION OF GRADUATE STUDIES

November 14, 1968

Dr. Harry H. Ransom,
Chancellor
The University of Texas
Austin, Texas 78712

Dear Doctor Ransom:

The following docket is submitted for your approval and presentation to the Board of Regents at its meeting in Austin, Texas on December 13 - 14, 1968:

GOVERNMENT CONTRACTS AND GRANTS: The following Contracts, Grants, and Amendments have been negotiated by the Business Manager, and have been signed by the Dean upon recommendation of the Contract Director, and the Business Manager, and approved by the Comptroller and Chancellor. I recommend your approval and ratification of signatures:

1. Grant No. 5 R01 GM 15361-02 GEN., by which the Department of Health, Education and Welfare, Public Health Service, National Institute General Medical Sciences provides funds for research on "Structure and Function of Human Chromosomes" for the period October 1, 1968 through September 30, 1972. The amount of \$62,124.00 is provided for the period October 1, 1968 through September 30, 1969. This grant is under the direction of Dr. Margery W. Shaw.

2. NASA Grant No. NGR 44-012-099 (Supplement # 1), by which the National Aeronautics and Space Administration provides \$27,238.00 additional funds and extends for four months the research project "New Vision Test Techniques for Use in the Space Environment". This revises the period of the grant to December 1, 1967 through December 31, 1968.

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GRADUATE SCHOOL OF BIOMEDICAL SCIENCES CATALOGUE:

In accordance with the recommendations of the Special Faculty Catalogue Committee and the Dean of the Division of Graduate Studies of the Graduate School of Biomedical Sciences, it is requested that the following Text be approved as the official catalogue of The University of Texas Graduate School of Biomedical Sciences at Houston. This catalogue has been approved by the Executive Vice Chancellor for Medical Affairs.



1968-1969

Catalogue

THE UNIVERSITY OF TEXAS
GRADUATE SCHOOL OF BIO MEDICAL SCIENCES
AT HOUSTON

Revised draft
September 23, 1968

To transcend the boundaries of conventional disciplines
is the end of convenience and the beginning of progress.
This is that beginning -- a new plan in graduate education,
born of the necessity to understand and to communicate
knowledge of living systems.

Joseph P. Kennedy

Additional copies of this publication may be procured from

The Office of the Dean
The University of Texas
Graduate School of Biomedical Sciences at Houston
P. O. Box 20367 Astrodome Station
Houston, Texas 77025

1968-1969

Catalogue

THE UNIVERSITY OF TEXAS
GRADUATE SCHOOL OF BIOMEDICAL SCIENCES
AT HOUSTON

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STUDENT CALENDAR

Long Session of 1968 - 1969

FALL SEMESTER

September 16 - 17 Monday, Tuesday. Registration for the fall semester.

September 17 Tuesday. Last day for registration without late penalty.

September 23 Monday. Classes begin.

September 26 Thursday. Last day for adding courses.

October 18 Friday. Last day for dropping courses without possible penalty.

November 19 Tuesday. Intrasemester reports due to Dean's office.

*November 28-30 Thursday-Saturday. Thanksgiving holidays.

*December 23-January 4 Monday-Saturday. Inclusive Christmas vacation.

January 6 Monday. Classes resumed.

January 13-15 Monday-Wednesday. No classes.

January 16-24 Thursday-Friday. Fall semester final examination.

January 25 Saturday. Graduation day. (No public exercises).

SPRING SEMESTER

January 27-28 Monday, Tuesday. Registration for the spring semester.

January 28 Tuesday. Last day for registration without late penalty.

*Any student on training grant or fellowship will be governed by rules of parent institution.

CALENDAR (Continued)

February 3	Monday. Classes begin.
February 6	Thursday. Last day for adding courses.
February 28	Friday. Last day for dropping courses without possible penalty.
March 21	Friday. Intrasemester report due in Dean's office.
April 2	Wednesday. Final day for submitting doctoral dissertation to supervising committee.
*April 4	Friday. Easter recess.
April 16	Wednesday. Final day for submitting master's thesis to supervising committee.
May 22-23	Thursday, Friday. No classes.
May 26-30	Monday-Friday. Spring semester final examinations.
June 2	Monday. Commencement.

SUMMER SESSION

The Graduate School of Biomedical Sciences at Houston offers a summer session, usually of nine (9) weeks duration. Course offerings are arranged to meet student needs and interests.

*Any student on training grant or fellowship will be governed by rules of parent institution.

THE UNIVERSITY OF TEXAS SYSTEM*
BOARD OF REGENTS

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*The University of Texas System is composed of: The University of Texas at Austin, The University of Texas at Arlington, The University of Texas at El Paso, The University of Texas Medical Branch at Galveston, The University of Texas Southwestern Medical School at Dallas, The University of Texas Medical School at San Antonio, The University of Texas Dental Branch at Houston, The University of Texas M.D. Anderson Hospital and Tumor Institute at Houston, The University of Texas Graduate School of Biomedical Sciences at Houston, The University of Texas School of Public Health at Houston, and The University of Texas School of Nursing (Austin, El Paso, Galveston, San Antonio).

**All members of the Board constitute each committee.

THE UNIVERSITY OF TEXAS SYSTEM
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Exec.

THE UNIVERSITY OF TEXAS AT HOUSTON

ADMINISTRATIVE COUNCIL

By action of the Board of Regents of The University of Texas, November 23-24, 1965, a committee was appointed to prepare a Master Plan for the Houston units of The University, and to become the continuing representative of the Chancellor in formulating proposals, plans and guidelines for the development of The University of Texas at Houston. The committee replaced former ad hoc groups and was named the Executive Administrative Committee. Subsequently the committee recommended an Administrative Organization for the component units in Houston* which includes the original committee, renamed the Administrative Council of The University of Texas at Houston. The Council is composed of the Vice-Chancellor for Health Affairs (ex officio), the institutional heads of the component units at Houston, and supportive personnel. The organization serves to create a more formal local mechanism for administrative exchange and understanding; to enhance interinstitutional activities, thus to extend the total resources; to foster faculty security and understanding; to encourage interinstitutional cooperation; and to more aptly assist the development of The University of Texas at Houston. The recommendation of the Administrative Organization was adopted by the Board of Regents May 31, 1968.

Administrative Heads

Dr. Sumter S. Arnim
 Dr. R. Lee Clark, Chairman
 Dr. C. A. LeMaistre (ex officio)
 Dr. J. V. Olson
 Dr. Reuel Stallones
 Dr. H. Grant Taylor

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 Mrs. Jane Brandenberger
 Dr. Murray M. Copeland
 Dr. Robert C. Hickey
 Dr. Ben C. McKinney
 Dr. Robert D. Moreton
 Dr. James H. Sterner

*The University of Texas at Houston is composed presently of The University of Texas Dental Branch at Houston, The University of Texas M.D. Anderson Hospital and Tumor Institute at Houston, The University of Texas Graduate School of Biomedical Sciences at Houston, and The University of Texas School of Public Health at Houston.

THE UNIVERSITY OF TEXAS
GRADUATE SCHOOL OF BIOMEDICAL SCIENCES AT HOUSTON

ADMINISTRATIVE OFFICERS

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Thomas S. Matney, B.S., B.A., M.S., Ph.D., *Graduate Advisor*
N. Burr Furlong, B.A., B.S., M.S., Ph.D., *Coordinator for Core Program*
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FACULTY OF
THE UNIVERSITY OF TEXAS
GRADUATE SCHOOL OF BIOMEDICAL SCIENCES AT HOUSTON

Graduate Faculty
Committee on Graduate Studies

Members

- Sumter S. Arnim, Dean for Graduate School of Biomedical Sciences, Professor of Pathology, GSBS. B.A., Rice, 1926; D.D.S., Northwestern, 1930; Ph.D., Yale Univ. School of Medicine, 1935.
- Robert M. Benolken, Professor of Neural Sciences, GSBS. B.S., Marquette Univ., 1954; Ph.D., The Johns Hopkins Univ., 1959.
- Gerrit Bevelander, Professor and Chairman, Department of Histology, D.B. B.A., Hope College, 1926; M.A., Univ. of Mich., 1928; Ph.D., The Johns Hopkins Univ., 1932.
- Walter J. Burdette, Associate Director (Research); Chief, Section of Experimental Oncology, Professor of Surgery, MDA. A.B., Baylor, 1935; A.M., Ph.D., Texas, 1936, 1938; M.D., Yale, 1942.
- Leon L. Dmochowski, Professor and Head, Department of Virology, MDA. M.B., Ch.B., Univ. of Lwow, Poland, 1933; M.D., Univ. of Warsaw, 1937; Ph.D., Univ. of Leeds, 1949.
- Gordon L. Farrell, Head, Division of Mental Retardation Research, TRIMS. M.D., St. Louis Univ. School of Medicine, 1947.
- Emil Frei, Associate Director (Clinical Research); Head, Department of Developmental Therapeutics and Professor of Medicine, MDA. M.D., Yale Univ. School of Medicine, 1948.
- A. Clark Griffin, Professor of Biochemistry, MDA. B.S., Utah State, 1939; M.S., Michigan State, 1941; Ph.D., Univ. of Wisconsin, 1947.
- Felix L. Haas, Professor and Head, Department of Biology, MDA. B.A., M.A., Ph.D., Texas, 1947, 1948, 1950.
- John K. Hampton, Professor of Physiology, DB. B.S., Millsaps College, 1947; Ph.D., Tulane, 1949.
- Edward C. Hinds, Professor of Surgery, DB. B.A., Baylor, 1940; D.D.S., Baylor Univ. College of Dentistry, 1940; M.D., Baylor Univ. College of Medicine, 1945.
- T. C. Hsu, Professor of Biology, MDA. B.S., National Chekiang Univ., 1941; Ph.D., Texas, 1951.
- Robert B. Hurlbert, Professor of Biochemistry, MDA. B.S., M.S., Univ. of Nebraska, 1947, 1949; Ph.D., Univ. of Wisconsin, 1952.
- Bruno Jirgensons, Professor of Biochemistry, MDA. Dr. Chemistry, Univ. of Latvia, 1933.
- Donald C. Kroeger, Professor of Pharmacology, DB. B.S., Oregon State College, 1947; M.S., Ph.D., Purdue, 1949, 1951.

- Barnet M. Levy, Professor of Pathology, DB. A.B., Univ. of Penn., 1938; D.D.S., Univ. of Penn. Dental School, 1942; M.S., Medical College of Virginia, 1944.
- Manley Mandel, Associate Professor of Biology, MDA. B.A., Brooklyn College, 1943; M.S., Ph.D., Michigan State, 1947, 1952.
- Robert J. Shalek, Professor of Biophysics, MDA. B.A., Univ. of Illinois, 1943; M.A., Southern Methodist, 1948; M.A., Ph.D., Rice, 1950, 1953.
- Margery W. Shaw, Associate Professor of Biology, GSBS. A.B., Univ. of Alabama, 1945; M.A., Columbia, 1946; M.D., Univ. of Michigan, 1957.
- Edwin L. Smith, Professor of Physiology, DB. Ph.G., B.S., M.S., Univ. of Nebraska, 1929, 1935, 1938; Ph.D., Univ. of Chicago, 1941.
- A. Cecil Taylor, Professor of Anatomy, DB. B.A., Taylor Univ., 1930; M.S., Univ. of Kentucky, 1934; Ph.D., Univ. of Chicago, 1942.
- Darrell N. Ward, Professor of Biochemistry, MDA. B.S., Utah State Agriculture College, 1949; M.S., Ph.D., Stanford, 1951, 1953.

Associates

- Peter R. Almond, Assistant Professor of Biophysics, MDA. B.S., Nottingham Univ., 1958; M.A., Ph.D., Rice, 1962, 1964.
- David E. Anderson, Professor of Biology, MDA. B.S., Univ. of Mass., 1950; M.S., Univ. of Conn., 1952; Ph.D., Iowa State, 1954.
- Allen T. Ansevin, Assistant Professor of Biophysics, MDA. A.B., Earlham College, 1951; M.S., Ph.D., Univ. of Pittsburgh, 1958, 1961.
- Harold Anstall, Associate Professor of Clinical Pathology, MDA. B.S., M.D., Univ. of London, Guys Hospital Medical School, 1949, 1955; M.R.C.P., Royal College of Physicians of London, 1958.
- Joe M. Bloom, Assistant Professor of Mental Sciences, TRIMS. B.M., North Texas State, 1955; Ph.D., Texas, 1963.
- James M. Bowen, Assistant Professor of Virology, MDA. B.S., Midwestern Univ., 1955; M.S., Ph.D., Oregon State, 1958, 1961.
- Bill R. Brinkley, Assistant Professor of Biology, MDA. B.S., M.A., Sam Houston State, 1959, 1961; Ph.D., Iowa State, 1964.
- Henry C. Browning, Professor and Chairman, Department of Anatomy, DB. B.S., Ph.D., Univ. of Bristol, 1937, 1942.
- Jeffrey P. Chang, Professor of Biology, MDA. B.S., National Central Univ., China, 1941; M.S., Ph.D., Univ. of Illinois, 1946, 1949.
- James L. Claghorn, Assistant Professor of Mental Sciences, TRIMS. A.B., Oberlin College, 1957; M.D., Albany Medical College of Union Univ., 1961.
- Arthur Cole, Professor of Biophysics, MDA. B.A., M.A., Rice, 1951, 1953; Ph.D., Texas, 1956.
- Patrick J. Creaven, Assistant Professor of Mental Sciences, TRIMS. M.D., Ph.D., London Univ. at St. Mary's Hospital Medical School, 1956, 1964.

- William S. Derrick, Professor of Anesthesiology, MDA. A.B., M.D., George Washington Univ., 1940, 1942.
- Gilbert H. Fletcher, Professor and Head, Department of Radiology, MDA. B.A., Univ. of Paris, 1929; B.A., Univ. of Louvain, 1932; M.S., M.D., Univ. of Brussels, 1935, 1941.
- Elon W. Frampton, Associate Professor of Biology, MDA. B.A., Syracuse, 1949; M.S., Northwestern, 1951; Ph.D., Univ. of Illinois, 1959.
- Emil J. Freireich, Chief, Section of Research Hematology; Assistant Head, Department of Development Therapeutics and Professor of Medicine, MDA. B.S., M.D., Univ. of Illinois, 1947, 1949.
- N. Burr Furlong, Assistant Professor of Biochemistry, MDA. B.S., B.A., Southern Mich., 1952; M.S., Stanford, 1954; Ph.D., Texas, 1960.
- Edmund A. Gehan, Professor of Biometrics, MDA. B.A., Manhattan College, 1951; M.S., Ph.D., North Carolina State College, 1953, 1957.
- Robert R. Harris, Assistant Professor of Mental Science, TRIMS. B.A., Rice, 1950; Ph.D., Univ. of Houston, 1964.
- Roger R. Hewitt, Assistant Professor of Biology, MDA. B.A., Willamette Univ., 1959; M.S., Ph.D., Univ. of Rochester School of Medicine and Dentistry, 1960, 1963.
- Lubomir S. Hnilica, Associate Professor of Biochemistry, MDA. C.Sc., Academy of Science, Czechoslovakia, 1959; Ph.D., Masaryk Univ., Czechoslovakia, 1952.
- Beng T. Ho, Assistant Professor of Mental Science, TRIMS. B.S., National Taiwan Univ., 1941; M.S., Univ. of Oregon, 1959; Ph.D., Univ. of Washington, 1962.
- Ronald M. Humphrey, Associate Professor of Biology, MDA. B.A., Hardin-Simons, 1953; M.A., Ph.D., Texas, 1955, 1958.
- Joseph P. Kennedy, Associate Professor of Anatomy, DB. B.A., Univ. of St. Thomas, 1954; M.S., Ph.D., Texas, 1955, 1958.
- Ti Li Loo, Associate Professor of Biochemistry, MDA. B.S., Tsing Hua Univ., 1940; Ph.D., Oxford Univ., 1946.
- F. Earle Lyman, Associate Dean for Graduate Studies and Professor of Physiology, DB. B.S., Alma College, 1932; M.S., Ph.D., Univ. of Mich., 1933, 1940.
- Kenneth O. Madsen, Associate Professor of Physiology, DB. B.S., Univ. of Wyoming, 1950; M.S., Ph.D., Univ. of Wisc., 1953, 1958.
- David Marrack, Associate Professor of Clinical Pathology, MDA. M.B., B.S., M.D., The London Hospital Medical School, Univ. of London, 1947, 1947, 1951.
- Thomas S. Matney, Associate Professor of Biology, MDA. B.S., B.A., M.S., Trinity, 1948, 1949, 1951; Ph.D., Texas, 1958.
- Robert F. McGregor, Assistant Professor of Biochemistry, MDA. B.S., Univ. of Illinois, 1948; M.S., Univ. of Wyoming, 1955; Ph.D., Baylor, 1961.

- William M. McIsaac, Professor of Mental Science, TRIMS. B.S., Univ. College, London, 1943; M.R.C.S., L.R.C.P., Royal College of Physicians and Surgeons, 1953; M.B., B.Sc., St. Mary's Hospital Medical School, 1953; Ph.D., London Univ., 1957.
- John M. Miller, Assistant Professor of Medicine, MDA. M.B., Ch.B., M.D., Edinburgh Univ. Medical School, 1958; M.Sc. (Med) Univ. of Alberta, Faculty of Graduate Studies, 1962.
- E. Coleen Moore, Assistant Professor of Biochemistry, MDA. B.A., M.A., Texas, 1945, 1950; Ph.D., Univ. of Wisconsin, 1958.
- Roman J. Pienta, Associate Professor of Microbiology, MDA. B.S., Penn. State, 1954; M.S., Ph.D., Rutgers, 1956, 1959.
- Maryon W. Ruchelman, Assistant Professor of Medicine, MDA. B.A., B.S., M.S., Texas College of Arts & Industry, 1954, 1956, 1958; Ph.D., Univ. of Houston, 1963.
- Grady F. Saunders, Assistant Professor of Biochemistry, MDA. B.S., M.S., Oregon State, 1960, 1962; Ph.D., Univ. of Illinois, 1965.
- Max Schlamowitz, Associate Professor of Biochemistry, MDA. B.S., College of the City of New York, 1940; M.S., Ph.D., Univ. of Mich., 1941, 1946.
- Joseph C. Scholar, Associate Professor of Mental Sciences, TRIMS. A.B., M.S., Univ. of Tenn., 1950, 1952; Ph.D., M.D., Univ. of Chicago, 1957, 1960.
- Joseph R. Shaeffer, III, Assistant Professor of Biophysics, MDA. S.B., Mass. Institute of Tech., 1956; Ph.D., Univ. of Rochester, 1962.
- Charles R. Shaw, Associate Professor of Biology, MDA. M.D., New York Univ. College of Medicine, 1946.
- Joseph G. Sinkovics, Associate Professor of Medicine, MDA. M.D., Univ. of Budapest, 1948.
- Harry G. Sperling, Chairman and Professor of Neural Sciences, GSBS. A.B., Univ. of Penn., 1944; Ph.D., Faculty of Pure Science, Columbia, 1953.
- T. Elton Stubblefield, Assistant Professor of Biology, MDA. B.S., North Texas State, 1957; M.S., Ph.D., Univ. of Wisconsin, 1959, 1961.
- Herman D. Suit, Associate Professor of Radiotherapy, MDA. B.A., Univ. of Houston, 1948; M.S., M.D., Baylor, 1952, 1952; Ph.D., Oxford, 1956.
- Joan L. Suit, Associate Professor of Biology, MDA. B.S., Oregon State, 1953; M.A., Ph.D., Stanford, 1955, 1957.
- Carl F. Tessmer, Professor of Pathology, MDA. M.D., Univ. of Pittsburgh, 1935.
- Jose M. Trujillo, Associate Professor of Pathology, MDA. B.S., Instituto Nacional Panama, 1944; M.D., National Univ. of Buenos Aires Medical School, 1956.
- Earl F. Walborg, Jr., Assistant Professor of Biochemistry, MDA. B.A., Austin College, 1958; Ph.D., Baylor, 1962.
- Stuart O. Zimmerman, Associate Professor of Biomathematics, MDA. B.A., Ph.D., Univ. of Chicago, 1954, 1964.

The Faculty Not Primarily Responsible for Supervision of Doctoral Candidates

- James J. Butler, Associate Professor of Pathology, MDA. M.D.
- R. Lee Clark, Director and Surgeon-in-Chief, Professor of Surgery, MDA. B.S., Univ. of South Carolina, 1927; M.D., Medical College of Virginia, 1932; M.Sc. (Surgery), Univ. of Minn. Graduate School of Medicine, 1938; D.Sc. (Hon.), Medical College of Virginia, 1954.
- Steven J. Cool, Assistant Professor of Neural Sciences, GSBS. B.A., Trinity College, 1962; A.M., Ph.D., Univ. of Illinois, 1965, 1966.
- Murray M. Copeland, Professor of Surgery (Oncology), MDA. B.A., D.Sc. (Hon.), Oglethorpe Univ., 1923, 1955; M.D., The Johns Hopkins Univ., 1927.
- M.L.J. Crawford, Assistant Professor of Neural Sciences, BUCM.
- Thomas A. Decker, Assistant Professor of Neural Sciences, GSBS. B.A., Florida State Univ., 1962; M.Sc., Ph.D., Brown Univ., 1966, 1967.
- Samuel Dreizen, Professor of Dental Sciences, DB. B.A., D.D.S., Western Reserve Univ., 1945; M.D., Northwestern, 1958.
- Louis Fabre, Research Specialist, Instructor of Mental Science, TRIMS. B.S., Akron Univ., 1963; Ph.D., Western Reserve Univ., 1966.
- David Clarke Fenimore, Instructor of Mental Science, TRIMS. B.A., Ph.D., Univ. of Houston, 1966.
- Joseph A. Jachimczyk, Professor of Forensic Pathology, HC. M.D., Univ. of Tenn., 1948; LL.B., Boston College, 1958.
- Gary Joiner, Assistant Professor of Veterinary Medicine and Surgery, MDA. M.S., Univ. of Mich., 1967; D.V.M., Texas A & M, 1962.
- M. Armando Luna, Assistant Professor of Pathology, MDA. B.S., M.D.
- John H. Mabry, Assistant Professor of Neural Sciences, GSBS. B.S., M.A., Univ. of Houston, 1957, 1960; Ph.D., Arizona State, 1963.
- Ben C. McKinney, Associate Dean of Dental Branch, Professor of Preventive Dentistry, DB. B.S., LL.B., D.D.S.
- Louis S. Meharg, Assistant Professor of Biomedical Engineering, GSBS. B.S., M.S., Ph.D., Texas, 1957, 1960, 1965.
- Philip J. Migliore, Assistant Professor of Pathology, MDA. B.S., M.D.
- Robert D. Moreton, Assistant Director and Professor of Radiology, MDA. B.S., M.D., Univ. of Tenn., 1938.
- John V. Olson, Dean and Professor of Restorative Dentistry, DB. M.S., F.A.C.D.; D.D.S., Univ. of Mich., 1936.
- Antonio Orengo, Assistant Professor of Biochemistry, MDA. B.A., Liceo Vittorio Emanuele Univ., Naples, 1948; M.D., Univ. of Naples, 1955.
- John Barton Siegfried, Assistant Professor of Neural Sciences, UH. A.B., Univ. of Rochester, 1960; M.S., Ph.D., Brown Univ., 1962, 1967.

John Simpson, Assistant Professor of Biochemistry, DB. Ph.D., Rice, 1965.
Willard N. Smith, Assistant Professor of Parasitology, DB. B.A., M.A.; Ph.D.,
Univ. of Maryland, 1966.
James J. Vogel, Assistant Professor of Biochemistry, DB. Ph.D., Univ. of Wis-
consin, 1961.

Abbreviations:

BUCM	Baylor University College of Medicine
DB	The University of Texas Dental Branch at Houston
GSBS	The University of Texas Graduate School of Biomedical Sciences at Houston
HC	Harris County
MDA	The University of Texas M.D. Anderson Hospital and Tumor Institute at Houston
R	Rice University
TRIMS	Texas Research Institute of Mental Sciences
UH	University of Houston

General Information

Historical Sketch¹

The University of Texas Graduate School of Biomedical Sciences at Houston is one of the medical units of The University of Texas System. It was established by the 58th Legislature of the State of Texas (H.B. 500) in June, 1963. It offers singularly favorable conditions for attracting and educating students preeminently qualified for a career in biomedical research and teaching, with emphasis on breadth of perspective, creativity, and excellence of performance. Each student is considered and treated individually as the apprentice of a master, but with full opportunity to develop his special talents to the best of his own inclinations and aptitudes.

The legislative act authorized The Board of Regents of The University of Texas, "...to prescribe courses and conduct graduate and postdoctoral programs at the master's and doctoral levels in the sciences and other academic areas directly related to medical education and research, but said Board of Regents shall not operate this institution as a general academic graduate school." The Board was authorized also to make joint appointments in the Graduate School and other component units of The University of Texas and "...to cooperate with other institutions, private and public, in furtherance of research in the biomedical sciences and related fields."

¹Fuller information may be obtained from "The First Twenty Years of The University of Texas M.D. Anderson Hospital and Tumor Institute," by Cumley, R.W., et al, M.D. Anderson Hospital and Tumor Institute, Houston, Texas.

The act suspended the operation of The University of Texas Postgraduate School of Medicine at Houston and included it, with all its assets and contracts, as a separate Division of Continuing Education within the Graduate School of Biomedical Sciences.*

The school is ideally situated in The Texas Medical Center where it has access to multiple educational and clinical facilities. It originated in the faculties of The University of Texas M.D. Anderson Hospital and Tumor Institute and The University of Texas Dental Branch. Students were attracted to these institutions by the outstanding scientists housed in the excellent research, teaching and clinical facilities. It is possible to do graduate work in this environment that cannot be duplicated in "a general academic graduate school."

The purpose of this new venture in higher education was to prepare graduates for a career in teaching and independent research in biomedical sciences. The program of study developed during the formative years was comprehensive and interdisciplinary. The interdisciplinary experience centers around a "core program" which uses the best teaching and research talents of scientists working throughout the medical center. The subject matter is designed to extend the breadth of an undergraduate foundation so that later specialization will apply interdisciplinary principles to the solution of problems related to medical education and research. It provides the necessary background for productive collaboration with scientists working in other related health fields. Most important, an opportunity is offered for up-to-date orientation, summary and correlation of knowledge in biomedical sciences which is impossible in conventional curricula. It is this major emphasis on the "core program" in a nondepartmentalized study plan that differentiates the educational offerings of the Graduate School of Biomedical

*For information, write Dean, Division of Continuing Education, The University of Texas Graduate School of Biomedical Sciences at Houston, P. O. Box 20367 Astrodome Station, Houston, Texas 77025.

Sciences from those found in other institutions.

Candidates for degrees acquire expert competence in a chosen specialty working in research laboratories under direct supervision and guidance of eminent teachers and investigators; i.e., anatomy, biochemistry, biomathematics, biomedical engineering, biophysics, biostatistics, cell physiology, chemistry and structure of macromolecules, cytology, endocrinology, enzymology, genetics, histology, immunology, metabolism and biosynthesis, microbiology, medical physics, mental sciences, molecular biology, neurosciences, oncology, pathology, pharmacology, physiology, psychology, radiobiology, ultrastructure of cell components and viruses, virology, etc. Graduates are employed as teachers and creative investigators in educational and other institutions with health related programs. They also work for industry and government in areas concerned with health affairs.

Facilities

The administrative offices, classrooms, student laboratories and student lounge are in temporary rented quarters in the Hermann Professional Building Annex, Suite 109, 6410 Fannin Street, Houston, Texas. Research laboratories for the conduct of teaching and major investigative activities are located in M.D. Anderson Hospital and Tumor Institute, The Dental Branch, The Dental Science Institute, The Texas Research Institute of Mental Sciences and Baylor University College of Medicine.

Libraries. Library resources available to the students of the Graduate School of Biomedical Sciences reflect the advantages of the Medical Center setting. There are more than 125,000 books and bound journals, as well as 2500 current scientific

journals on file in the medical center library and in the institutional collections. In addition, there is easy access to the extensive holdings at Rice University and the University of Houston.

Student Health Services. Student health services are limited presently to consultative visits with members of the medical and dental staffs who are designated for this purpose by the administration at M.D. Anderson and the Dental Branch. Each student is required to enroll in an accident and insurance plan designed especially for students. The plan is compulsory for all save those who prefer to purchase their own insurance and who can prove they have comparable insurance in force.

Affiliated Institutions. As the medical center complex at Houston developed, exchange of students and faculty between institutions and research laboratories came about as a matter of course. This interchange has led to excellent collaboration on the part of other University of Texas units at Houston, Baylor University College of Medicine, Rice University, University of Houston, University of St. Thomas, Texas Research Institute of Mental Sciences and the Graduate School of Biomedical Sciences.

Students with deficiencies in preparatory courses may enroll in one of the affiliated institutions to complete the required prerequisites.

Opportunities

Financial Support. Financial support for students in the Graduate School may come from several sources. There are training grants available in some departments within the affiliated institutions. The State Legislature has appropriated some fellowships which are awarded each year. Research fellowships are included in some

of the research grants which may be used to support students working on areas designated in the grant application. Part time work as a research assistant is available in some of the research laboratories. Students may apply for fellowships from the National Institutes of Health, the National Science Foundation or other sources with sponsorship from the Graduate School.

The level of support varies depending upon the source of funds, the time allocated to the project, the competence of the student and the regulations governing the award. All awards are contingent upon acceptance into the graduate school and they are made on a competitive basis. The Graduate Adviser is to be consulted regarding course loads, time and nature of fellowship awards and scholastic standing of award recipients.

Applicants interested in financial support should address a letter of inquiry to the Office of the Dean, The University of Texas Graduate School of Biomedical Sciences at Houston, P. O. Box 20367 Astrodome Station, Houston, Texas 77025, stating their research interests and summarizing their scholastic background.

Graduate Student Association. There is a Graduate Student Association of The University of Texas at Houston. It has as its purposes the provision of a student forum for discussion of common needs, the aim to work cooperatively with the faculty to build a recognized and respected institution and to develop student fellowship and social activities. The membership includes all active degree students and associate non-degree students. Officers are elected and meetings are held upon call. There are three standing committees: executive, social events and curriculum. The Association has a responsible position in the operation and development of the Graduate

School of Biomedical Sciences and it performs an important function as the official organization representing the student body.

Admission

Requirements

Character, Age and Residency. Most of the cost of modern education in the biomedical sciences comes from society in the form of appropriations for this purpose by the State Legislature. Selection of students for the privilege of study in the Graduate School of Biomedical Sciences is conducted on a competitive basis. This responsibility is delegated to an Admissions Committee which considers not only students' grades but also their integrity, industry, moral inclinations and personal goals as criteria for admittance. Each application is considered on an individual basis. There are no rigid age limitations but applicants in good health between twenty and thirty years of age are preferred. Men and women are admitted on an equal basis. Residents of Texas, residents of the United States and residents of foreign countries are all eligible for admission. Texas residents are given preference if the number of places available are limited.

Graduate Record Examinations. All applicants are required to take the Graduate Record Examination and one advanced test prior to admission. Applicants from non-English speaking areas must take the test of English as a foreign language. These tests are administered by the Educational Testing Service, Princeton, New Jersey, 08540, USA. Applicants are requested to write directly to the Educational Testing Service for further information.

Scholastic Requirements, Recommended Prerequisites and Grade Point Averages.

All applicants must have a bachelor's degree from an accredited institution, or the equivalent, as the first prerequisite for admission. Students with M.D., D.D.S., D.V.M., M.Ph., D.Ph. or equivalent degrees may be admitted without the bachelor's degree. It is desirable that all entering students have a background in the basic sciences that will contribute to their understanding of the interdisciplinary program in the biomedical sciences. For a student to be admitted he must show course work, with an overall grade average of B or better, in Chemistry, Biology, Physics and Mathematics, and his transcript should show, at the college level, a minimum of one year each of Organic Chemistry, Physics, Calculus and Biology. In exceptional cases admission deficiencies may be resolved after admission with course work in an affiliated institution. Applicants are required to have a grade point average of 2.0 on a scale of 3.0 on all upper division junior and senior and graduate level work taken previously in order to satisfy minimal requirements for admission. Some may be accepted with less than a 2.0 average upon special recommendation by the Admissions Committee.

Application Procedure

Form. Application forms may be obtained from the Office of the Dean at the following address:

Office of the Dean
The University of Texas
Graduate School of Biomedical Sciences at Houston
P. O. Box 20367 Astrodome Station
Houston, Texas 77025

Applicants must submit the following:

1. A completed application form.
2. Two complete certified transcripts of all scholastic records of university or higher educational work.
3. Results of the Graduate Record Examination Aptitude Tests and one Advanced Test. Results of the Test of English as a Foreign Language from applicants whose native language is other than English. The Educational Testing Service must be requested to forward the scores directly to the Office of the Dean of the Graduate School of Biomedical Sciences at Houston, P. O. Box 20367, Astrodome Station, Houston, Texas 77025.
4. A letter stating the educational background of the applicant, his objectives in seeking advanced education, his professional goals and the fields of study he finds of greatest interest.
5. Three letters of recommendation from persons qualified to evaluate the applicant's past scholastic performance, scientific abilities, research interests and talents, motivation and personal attributes.
6. A health certificate, less than 6 months old, from a licensed physician.
7. A personal interview, when practicable, with representatives of the Admissions Committee in Houston or elsewhere.

Applications must be complete and on file in the Office of the Dean before they are evaluated by the Admissions Committee.

Deadlines for Submission of Applications. Applications for admission to a class beginning in the fall, spring or summer session must be received thirty days before the date of registration for that session. It is preferable that applications be made early as all openings may be taken at the later dates. Students whose scholastic transcripts come from long distances should have their applications completed and on file in the Registrar's Office at least 60 days prior to the opening of the session in which they plan to register.

Conditional Admission

Students desiring to work towards an advanced degree in biomedical sciences with insufficient undergraduate preparation may be admitted conditionally with the understanding they must take course work and other study as noted by the Admissions Committee and Graduate Adviser in addition to the regular degree requirements. When a student with less than the minimal requirements is admitted on the recommendation of the Admissions Committee special assignments may be made by the graduate adviser regarding course work to be taken and grade-point averages to be maintained. Failure to meet these conditions may bar the student from subsequent registration.

Permit to Register

Permit to register in the Graduate School may be granted a student who for some valid reason applies after the last scheduled date for the Graduate Record Examination prior to the session in which he plans to register. Such students are required to take and pass the Graduate Record Examinations the first time they are given following initial registration.

Enrollment without Admission

Students in affiliated institutions and other qualified applicants may enroll in graduate courses with permission of the instructor and the Graduate Adviser without being admitted to the Graduate School. Transcripts with grade records may be requested by such students to be sent to their place of enrollment for evaluation. Should such students be admitted to the Graduate School of Biomedical Sciences subsequently, the Committee on Graduate Studies will evaluate the transcripts and make recommendations to the Dean regarding credit for the course work taken prior to official admission.

Limitation on Candidacy

No one who has been appointed to a position with tenure on the faculty of The University of Texas shall be admitted to candidacy for a doctoral degree at this institution.

Selective Service

The University of Texas at Houston Graduate School of Biomedical Sciences is one of the medical units of The University of Texas System. Students are privileged to request deferment from military service but the Selective Service Local Boards have the responsibility for classification and for action on requests for deferment. Under present regulations the Board's determination is final, subject to appeal. The appeal must be made within ten days of the Board's notice of reclassification. Each student is personally responsible to his Board and is expected to keep the Board informed at all times of his whereabouts and activities.

Registration

Official registration for students must be completed in accordance with the time indicated on the student calendar or as amended by the Dean. It takes place at the beginning of each session and all fees are collected at that time. Registration is not complete and the student is not entitled to Graduate School privileges until all fees for the coming session are paid.

Procedure after Admission

Applicants will be informed by mail, as soon as possible following receipt of completed forms, regarding admission and conditions imposed thereon. Those

accepted should write the Registrar immediately signifying their intention to enroll on a given date. Arrangements should be made with the Graduate Adviser for an interview, if possible, or through correspondence to plan the program of study for the first year. Special attention should be given to all rules and regulations. Deficiencies in undergraduate course work are usually resolved during the first year. As registration dates and schedules vary in affiliated institutions, the student should take the first opportunity to arrange his program well ahead of registration deadlines.

It is also advisable to discuss with the Graduate Adviser the selection of a Sponsor and Sponsoring Committee to assist and guide the new student during the first year of residence. The Dean appoints this committee upon recommendation of the Graduate Adviser to serve until a Supervising Professor is chosen for the student.

All students follow the procedures described under the degree programs. Each graduate student completes degree requirements in accordance with the catalog in effect at the time he enters the Graduate School of Biomedical Sciences at Houston, or, should he choose, the catalog of any subsequent year in which he is in residence.

Grades and Grade Point Averages

Credit is given in the Graduate School of Biomedical Sciences for the grades A, B, and C. Every semester hour of C, however, must be balanced by one of A, because the degree candidate is required to present an overall grade-point average of 2.0 out of a possible 3.0 at the end of his program of study. Thesis and dissertation courses (H698 and H699) are not counted in the overall average.

In some courses the standard grading system is not practicable, and in these credit is designated as pass (P) and fail (F). Such courses are not counted in the

grade-point average. The symbol X, reported in cases where the student has not completed all the assignments in a course before its conclusion, is valid for only four months. Before the end of this time the student must turn in the required work for a regular grade. Under unusual circumstances the student may apply, through his instructor, for one four month extension of the X period, which can be granted by the Dean. Otherwise, the X is changed automatically to an F. The symbol Q is recorded when a student drops a course within a prescribed time period after registration. The symbol W is given when a student withdraws, at any time, from a course with the consent of the instructor, if the student has a satisfactory course performance to the date of withdrawal. In such circumstances, the student is considered to be able to withdraw from the Graduate School of Biomedical Sciences in good standing.

Maximum and Minimum Course Load

The normal maximum course load for a graduate student is fifteen semester hours, or nine semester hours in a summer session; registration in excess of these maxima must have the special consent of the Dean and will be permitted only under exceptional circumstances. A minimum course load for a student to be classified as a full-time student is ten semester hours, or a total of six semester hours in a summer session. If the student is employed by the University as a teaching assistant, research assistant, or student assistant, his course load must be correspondingly reduced. The student should consult with the Dean about his combined course and work load and must obtain his approval prior to taking outside employment.²

²Course H398T (credit for supervised teaching) is not counted in determining combined course and work load.

Continuation in the Graduate School

Full-time registration in the Graduate School beyond the first semester (or summer session) is dependent on two main factors: (1) satisfactory progress in absolving any admission conditions that were imposed; and (2) maintenance of a satisfactory scholastic standing in all graduate courses taken in a given semester. The student must maintain a yearly cumulative grade point average of 2.0 on a 3.0 point scale. All admission deficiencies must be removed with a grade of C or better before petitioning for candidacy for any degree. A student is expected to petition for candidacy for his desired degree within one calendar year after admission to the Graduate School of Biomedical Sciences as a full-time student, or after completing an equivalent amount of coursework.

The graduate student who has been dismissed may be readmitted for further graduate study after petition to the Committee on Graduate Studies. This group will evaluate the case and make recommendations to the Dean. Readmission will be considered, and approved or disapproved by the Dean.

Fees and Expenses³

Registration and Tuition Fee. Students are not entitled to enter class or laboratory until fees have been paid. All fees are payable in full at the time of registration. Each student who registers for twelve or more semester hours is required to pay a registration and tuition fee each semester: \$50.00 per semester for residents

³All of the fees listed are subject to change without notice.

of Texas; \$200.00 per semester for nonresidents. A student who registers for fewer than twelve semester hours will pay a registration and tuition fee set forth in the following table.

Number of Hours Taken	Registration and Tuition Fee	
	For Texas Residents	For Nonresidents
1	\$ 15.00	\$ 50.00
2	15.00	50.00
3	15.00	51.50
4	19.00	68.00
5	23.00	84.50
6	27.00	101.00
7	31.00	117.50
8	35.00	134.00
9	39.00	150.50
10	43.00	167.00
11	47.00	183.50
12 or more	50.00	200.00

Other Fees and Charges.

Laboratory:	
1-3 hours	\$ 2.00
4-6 hours	5.00
over 6 hours	8.00
Course Audit fee	5.00
Fee for thesis or dissertation course (per semester) ⁴	25.00
Registration <u>in absentia</u>	
resident	15.00
nonresident	18.50
Graduation fee	32.25
Late registration fee	5.00
Transcripts	1.00
Library fee	35.00
Microfilming of dissertation	20.00

⁴Thesis and Dissertation course hours are not counted in a determination of the registration and tuition fees paid by the student; this fee is paid as a separate fee each time the student registers for a Thesis or Dissertation course.

Refund of Registration and Tuition Fee for Students Withdrawing. Upon presentation to the Registrar of his receipt showing payment of the fee, any student withdrawing officially (a) during the first week of classwork of a semester will receive a refund of 70 per cent of the applicable portion of the fee; (b) during the second week, 60 per cent; (c) during the third week, 40 per cent; (d) during the fourth week, 20 per cent; (e) during the fifth week and thereafter, nothing. In no case shall the total refund provided for above reduce the registration and tuition fee paid to less than \$15.00 for residents of Texas, or \$18.50 for nonresidents. An immediate refund will not be made to a student who withdraws within fifteen days after payment of his fees; but, upon request, a check covering all refund due will be mailed to the address left with the Registrar. A student who enters the spring semester not knowing his fall semester grades and who is required to withdraw because of failure in the work of the fall semester will have all his registration and tuition fee for the spring semester refunded. No refund provided for above will be granted unless applied for within one year after official withdrawal.

Living Arrangements

A new thirteen floor residence hall for male students, interns and residents in the Texas Medical Center is owned and managed by Texas Medical Center Housing, Inc., 406 Jesse Jones Library Building, Houston, Texas 77025. Persons eligible to live in the residence hall include male medical students, dental students, graduate students, interns, residents and single male or married junior faculty members associated with one or more of the institutions of higher learning in the Texas Medical Center. Applications should be made as soon as possible since apartment assignments

are on a first come -- first served basis.

In addition to the Texas Medical Center Housing facility there are many apartments and private accommodations nearby. Each student is responsible for making his own arrangement for room and board.

Curriculum

The legislative act which established The University of Texas Graduate School of Biomedical Sciences at Houston authorized specifically the Board of Regents of The University of Texas "...to prescribe courses and conduct graduate and post-graduate programs at the master's and doctoral levels in the sciences and other academic areas directly related to medical education..." It also forbade operation of the school as a general academic graduate school. In accordance with this act, and the experience gained with those students and faculty engaged in graduate study and research in The University of Texas at Houston units from 1949 to 1963, the present curriculum, with its unifying, interdisciplinary "core program," evolved. It is the chief purpose of this curriculum to offer a new kind of educational opportunity for talented graduate students who intend to become teachers and creative investigators in the rapidly developing field of medically oriented sciences. The most effective teachers and researchers of tomorrow will be those who have mastered in depth a given biomedical specialty and in addition are well grounded in the principles, precepts and language of the biomedical disciplines in general.

The Core Program

The faculty of the Graduate School of Biomedical Sciences prepared the Core

Program to answer the need for a modern, integrated presentation of fundamental facts and concepts derived from a number of presently existing disciplines. The necessity for this interdisciplinary orientation is emphasized repeatedly in contemporary research literature, where explorations in biology and medicine are described in the terminology of chemistry, physics, and mathematics. The Core Program is designed to extend the breadth of the educational foundation so subsequent specialization in depth may make use of the application of interdisciplinary principles and so an opportunity for collaboration with colleagues in other areas of research becomes a meaningful and productive possibility.

Persons admitted to the Core Program are expected to have a working knowledge of calculus, organic chemistry, biochemistry, basic physics, and introductory biology including both physiology and microbiology if possible. The Core Program builds on this foundation by developing relevant concepts of physics, such as the laws of mechanics, electromagnetic radiation and relativity, along with the mathematics necessary to utilize them. The same interrelation of methods and concepts is used to develop the subject areas of nuclear physics, atomic structure, molecular bonding, thermodynamics, reaction mechanisms, enzyme kinetics, and metabolic pathways. Concurrently, another line of development includes an exposition of the principles of genetics, cytology, cell development, general physiology, pharmacology and pathology.

In order to develop further perspectives and an appreciation of current strategy and tactics in modern research, students in the Core Program also attend a series of lectures given by faculty and visiting lecturers drawn from a wide variety

of scientific disciplines. This series is problem-oriented, with topics that vary from year to year, and includes periods of free discussion among students and lecturers. Topics presented in 1966-67 were Growth, Development, Erythropoiesis, Immunity, Endocrinology, and Neoplasia.

The laboratory portion of the Core Program includes demonstrations and exercises using a variety of basic research instruments and techniques including digital and analog computers, physiological monitoring, drug testing, light and electron microscopy, preparative and analytical ultracentrifugation, radioisotopic tracers, enzyme fractionation chromatography.

The Core Program does not intend to substitute in full for complete courses in all or any one of the disciplines represented, but does provide stimulation of interest and opportunity for modern orientation and summary of knowledge in these fields, which would be difficult to achieve in conventional curricula. Advanced courses in these fields are available in subsequent years to meet the specialized interests of individual students.

As the Core Program is one of the major innovations in graduate school curricula in the biomedical sciences and as the faculty and graduates of the school feel it contributes much to the competence of those who have taken it, the Committee on Graduate Studies requires that all candidates for the Ph.D. will include this course in their preparation for the doctorate. Exceptions to this rule will be made rarely and then on recommendation of the student's committee, the Committee on Graduate Studies and the Graduate Adviser to the Dean who will make the final decision.

Course Offerings

General Statement. Course offerings at The University of Texas Graduate School of Biomedical Sciences at Houston are made by a Subcommittee on Curriculum which requests faculty members to submit proposed courses with descriptive outlines prior to the opening of each session. The courses are evaluated by the subcommittee. Those that are approved are recommended to the Committee on Graduate Studies for presentation. The list is circulated to faculty and students for preregistration. The courses are given when enough students indicate the need by signing up for the course at preregistration. Should there be a demand for a given course that is not offered, the appropriate faculty members are approached by the subcommittee with a request for the offering. All courses are not given each year, but they are presented often enough to meet the needs of students and of well organized graduate study programs. The final announcement of courses to be given is made before the opening of each semester.

Course Numbers. Course numbers follow the plan described in the General Information Catalogue, No. V, page 59, of The University of Texas at Austin. Each course is designated by letters and numbers. Those offered by The University of Texas Graduate School of Biomedical Sciences at Houston are prefixed by a capital "H". The left hand digit indicates the credit value of the course in semester hours. The two digits following give the rank of the course. Graduate courses are numbered 80-99. A zero as the first digit of a course number means the course is noncredit. Courses that continue through two semesters are labelled with a lower case "a" for the first semester and a "b" for the second. The second and third digit also indicate the course

subject classification. The area of pathology is "83"; neuroscience "84"; bio-mathematics "85"; biochemistry "86"; anatomy, biology, genetics, physiology "87"; biophysics, physics "88"; biomedical engineering "89; research in biomedical sciences "91"; seminars "92"; Core Program - Fundamentals I and II "94"; Core Program -- Perspectives "95"; Thesis for M.S. "98"; Thesis for Ph.D. "99".

Courses given 1967-1968.

Pathology

- H383.1 Principles of Pathology. 3 sem. hrs. (2 lectures and 1 lab per week). Pathology faculty.
- This course is designed to provide students in biomedical science with a foundation in pathology necessary to a career in research and teaching. The reactions of individual organisms as a response to changes in external and internal environment will be studied as a dynamic process leading to an understanding of the mechanisms of disease.
- H1083.2a,b Principles of Laboratory Medicine. 10 sem. hrs. (5 lectures per week). Two semesters. Pathology faculty.
- H283.3 Comparative Pathology. 2 sem. hrs. (1 lecture and 1 lab per week). Pathology faculty.
- This course is designed to express the reactions to injuries of various animal species. Attempt will be made to point out the similarities and the differences between various animal species, including man, to know specific and non-specific irritants. The philosophy here will be to attempt to explain the biology of tissue reaction as expressed by various animals in an effort to better understand the degenerative, inflammatory and oncogenic reactions.
- H383.4a,b Molecular and Chemical Pathology. 3 sem. hrs. (3 lectures and 1 lab per week - first semester) (2 lectures and 1 lab per week - second semester). Pathology faculty.
- Molecular Pathology: This course is designed to apply many recent fundamental advances in molecular biology to the mechanisms of disease processes in man. Chemical Pathology: This portion will consider the biochemical basis of disease, using particular situations, to illustrate the general principles involved.

H283.5a,b Morphologic Hematology and Reticuloendothelial Pathology. 2 sem. hrs. (1 lecture per week). Pathology faculty.

The first portion of the course presents the diagnostic aspects of laboratory hematology with emphasis on the morphologic study of blood and bone marrow. The second twelve hours will cover the anatomy and diseases of the reticuloendothelial system with emphasis on the lymph nodes and spleen. Special emphasis is given to the histologic differentiated diagnosis of neoplastic and pseudo-neoplastic processes.

Neurosciences - Mental Sciences

H384.1 Experimental Analysis of Behavior. 3 sem. hrs. (2 lectures and 1 lab per week). Neurosciences faculty (Permission of instructor).

Readings, presentations, laboratory experience oriented toward the quantification of behavioral responses by operant techniques. In depth coverage of sequential shaping, scheduled control of behavior and extinction characteristics. Instrumentation instruction in digital logic data systems for experimental controls provided in laboratories.

H384.2 Physiological and Comparative Psychology. 3 sem. hrs. (2 lectures and 1 lab per week). Neurosciences faculty.

Discussions on the problems of organized behavior in lower organisms (instincts, tropisms, perceptual organization), the psychophysics of sensation and perception including the relationship of psychophysical to electrophysiological findings and studies of the modification of behavior. Emphasis will be placed upon sensory problems and the evolution of organized behavior in the animal kingdom.

H384.3 Neurochemistry. 3 sem. hrs. (2 lectures and 1 lab per week). Neurosciences faculty.

A course providing instruction and experience in the chemistry of: (a) the neuron and the synapse and (b) neurosecretion. Endocrine function and related behavior will be considered in depth. In the laboratories, the student gains experience with micro-detection techniques such as gas chromatography, micro-histology and enzyme staining.

- H384.4 Neuropharmacology. 3 sem. hrs. (2 lectures and 1 lab per week).
Neuropharmacology faculty.
- The action of drugs on the biophysical and biochemical mechanisms operant at different levels of the nervous system.
- H384.5 Neurophysiology. 3 sem. hrs. (2 lectures and 1 lab per week).
Neurophysiology faculty.
- The presentation of the currently held concepts regarding neural control tissue activity including the systematic correlation of historical development in this field with recent researches.
- H384.6 Neuroanatomy and Behavior. 3 sem. hrs. (2 lectures and 1 lab per week).
Neurosciences faculty.
- A critical review of the literature correlating neuroanatomical alteration and the subsequent effects upon behavior. Central nervous system structures and systems will be systematically reviewed and related specific behavior changes, e.g.: ingestive processes, memory, motivation, etc. An associated laboratory will provide training in gross anatomy and histological techniques.
- H384.7 Vision: An interdisciplinary approach. 3 sem. hrs. (2 lectures and 1 lab per week).
Neurosciences faculty.
- Readings and discussion of recent advances in understanding the visual system. Will consider the approaches taken in sensory, electrophysiological and microanatomical studies.
- H284.8 Library Research and Scientific Writing in Psychobiology. 2 sem. hrs.
(2 lectures per week). Mental Science faculty.
- Biomathematics**
- H065 Review course in Calculus. Non-credit. Biomathematics faculty.
- A review of basic calculus with emphasis on application. Certain topics such as probability and matrix calculations will be touched upon.
- H385.1a,b Biomedical Statistics. 3 sem. hrs. (3 lectures per week). Biomathematics faculty. Prerequisite: Differential calculus or consent of instructor.

A series of lectures on statistical methods with applications from the biomedical sciences. An introduction to fundamental statistical techniques in biometry and to the basic logical concepts of mathematical statistics as applied to life sciences.

H385.2a,b Biomedical Statistics II. 3 sem. hrs. (3 lectures per week). Biomathematics faculty. Prerequisite: H385.1a,b; H385.5; or consent of instructor.

Analysis of categorical data, study of the life-table and its application to survivorship in biological populations. Statistical methods in bioassay. Non-parametric statistics.

H385.3 State Functions in Biological Control Systems. 3 sem. hrs. (3 lectures per week). Biomathematics faculty.

This course is concerned with the application of modern control theory to biological systems. The state variable concept is introduced as the primary means for system description leading to the application of the state functions of Liapunov for stability determinations and of Pontryagin for obtaining optimal control. Examples of problems discussed include optimal control of kidney dialysis concentration profiles, stability of biochemical kinetics, maintenance of a stable breeding population, and light intensity profiles for minimum-time visual adaptation.

H485.4 Introduction to Analog Computing and Simulation of Feedback Control Systems. 4 sem. hrs. Biomathematics faculty.

The analog computer will be introduced as early as possible and used continuously throughout the course to illustrate concepts, to investigate general properties of certain classes of systems, and to obtain numerical solutions to differential equations. The philosophy of simulation will be discussed, and the simulation process will be examined in detail by studying actual physiological systems. in the latter part of the course.

H385.5 Probability Theory and Its Application to Biology. 3 sem. hrs. (3 lectures per week). Biomathematics faculty. Prerequisite: Differential calculus or consent of instructor.

Introduction to the theory of probability with applications to statistical inference. Applications to biology problems.

- H385.6 Stochastic Processes with Application to Biology. 3 sem. hrs. Biomathematics faculty. Prerequisite: H385.5.
- This course will rely heavily on H385.5. Topics include: generating functions, random walk models, Markov chains, birth and death processes, epidemic processes, competition and predation, queuing processes, and introduction to model-building of biological phenomena.
- H385.7 Multivariate Analysis in Biomedical Research. 3 sem. hrs. (3 lectures per week). Biomathematics faculty. Prerequisite: H385.1a,b;H385.5.
- The multivariate normal distribution and associated concepts of estimation and testing hypotheses. Multivariate analysis of variance, methods of classification and discrimination. Application to biomedical problems in diagnosis, clinical trials, etc. Use of multivariate computation programs on large-scale digital computers.
- H385.8 Introduction to Mathematical Biology. 3 sem. hrs. (3 lectures per week). Biomathematics faculty. Prerequisite: Advanced Calculus, two years college physics, general biology, and consent of instructor.
- Nerve membranes, excitation phenomena; the Hodgkins-Huxley equations. Mechanical properties of biological materials, viscoelasticity, flow in biological systems, hemodynamics.
- H385.10 Design of Experiments for Biological Scientists. 3 sem. hrs. (3 lectures per week). Biomathematics faculty. Prerequisites: H385.1a and H385.5 or consent of instructor.
- A course in the application of the principles of experimental design and analysis to experiments in biology and medicine. Topics covered include: completely randomized, randomized block, Latin square, factorial and incomplete block designs. Design and analysis of clinical trials.
- H385.11a,b Mathematical Statistics. 3 sem. hrs. (3 lectures per week). Biomathematics faculty. Prerequisite: Differential and Integral Calculus.
- Functions of random samples and their probability distributions; introductory theory of point and interval estimation from the Bayesian viewpoint; correlation and regression, introduction to the theory of analysis of variance, experimental design, chi-square tests, non-parametric methods of inference and multivariate analysis.

Biochemistry

- H386.1 Enzymology. 3 sem. hrs. (3 lectures per week). Biochemistry faculty.
Chemistry, classifications and kinetics of enzyme catalyzed reactions; enzymes as biochemical tools; action of enzymes in vivo - induction, repression and feedback control.
- H186.2 Enzyme Methodology. 1 sem. hr. (1 lab per week). Biochemistry faculty.
Laboratory exercises on the fractionation, chromatography, assay and properties of enzymes and the kinetics of enzyme reactions.
- H386.3a,b Theoretical Biochemistry. 3 sem. hrs. (3 lectures per week). Biochemistry faculty.
The physical basis for biochemical reactions; an introduction to chemical bonding and bio-organic reaction mechanisms as they apply to metabolic processes.
- H386.4 Amino Acids and Peptides. 3 sem. hrs. (3 lectures per week). Biochemistry faculty.
The historical development, intermediary metabolism, physiological importance and methods of isolation and analysis of this group of compounds.
- H386.5 Biochemistry and Biosynthesis of Proteins. 3 sem. hrs. (3 lectures per week). Biochemistry faculty.
Classification, special properties and biological role of proteins. Metabolism and biosynthesis of proteins with emphasis on mechanism of coding.
- H386.6 Chemistry and Physical Chemistry of Proteins. 3 sem. hrs. (3 lectures per week). Biochemistry faculty.
Purification, physical criteria and chemical studies of proteins, including detailed consideration of the structure of insulin, ribonuclease and hemoglobin.
- H286.7 Colloid Chemistry. 2 sem. hrs. (2 lectures per week). Biochemistry faculty.
Classification of colloids and natural macromolecules. Preparation and properties of colloidal solutions, gels and membranes. Determination of particle size and shape.

- H386.8 Nucleotides and Nucleic Acids. 3 sem. hrs. (3 lectures per week).
Biochemistry faculty.

The chemistry, enzymology and biosynthesis of nucleotides and poly-nucleotides.
- H386.9 Biochemistry of Cancer. 3 sem. hrs. (3 lectures per week). Bio-
chemistry faculty.

Recent advances in experimental carcinogenesis, including chemical changes in tissues or organs during cancer induction, interaction of tissue components and carcinogens, composition and metabolism of malignant tissues, tumor-host relations, and cancer chemotherapy.
- H186.10 Action of Antimetabolites. 1 sem. hr. (1 lecture per week). Bio-
chemistry faculty.

The role and biochemical basis of antimetabolite action in chemotherapy, with particular emphasis on cancer chemotherapy.
- H286.11 Chromatography. 2 sem. hrs. (1 lecture and 1 lab per week). Bio-
chemistry faculty.

The history, classification and theory of ion-exchange, paper, column, thin-layer and gas chromatography. Discussion of molecular sieve filtration, ion exclusion, ligand exchange, electro-chromatography and partition chromatography.
- H286.12 Vitamin and Mineral Metabolism. 2 sem. hrs. (2 lectures per week).
Biochemistry faculty.

Intermediary metabolism, mechanism of action and physiological role of vitamins and minerals in biochemical processes. Mechanisms of calcification.
- H286.13 Principles of Cancer Chemotherapy. 2 sem. hrs. (2 lectures per week).
Biochemistry faculty.

Clinical aspects: Introduction to experimental design, preclinical pharmacology, cell kinetics in animals and man, chemotherapy and leukemias and lymphomas as the prototype of responsive tumors which can be investigated. Pharmacological aspects: Basic concepts -- cell entry, mechanism of action of prototype anticancer agents, mechanisms of resistance, molecular pharmacology.

- H286.14 An Introduction to Chemical Pharmacology. 2 sem. hrs. (2 lectures per week). Biochemistry faculty. Prerequisite: Organic Chemistry, Biochemistry, Physical Chemistry and Calculus.
- The content of this course will conform to the following: Basic physico-chemical principles, Drug absorption, Transport mechanisms, Excretion, Protein-drug interaction, Biotransformation of drugs, Pharmacology of cancer chemotherapeutic agents.
- H386.15 Chemical Kinetics. 3 sem. hrs. (3 lectures per week). Biochemistry faculty. Prerequisites: Calculus, three years of chemistry.
- Nomenclature; zero, first, second, third and n-order simple reactions of all types; determination of order; complete reactions; effect of temperature on reaction rates; collision theory; transition state theory; experimental characteristics of kinetics systems; mathematics of kinetics systems, catalyst.
- H386.16 Biochemical Aspects of Embryogenesis. 3 sem. hrs. (3 lectures per week). Biochemistry faculty. Prerequisite: Advance students (students who have completed the Core Program).
- This course intends to introduce students to the biochemistry of animal development. It will describe major biochemical changes characteristic for maturation of the oocyte, fertilization, early cleavages and differentiation. Laboratory is an integral part of the course and will expose the students to current laboratory techniques used in modern biochemistry and embryology.
- Anatomy, Biology, Genetics, Physiology
- H287.1 Microbial Physiology, 2 sem. hrs. (2 lectures per week). Biology faculty.
- Relationship between structure and function in various microbial systems.
- H387.2 Neuroanatomy and Behavior. 3 sem. hrs. (3 lectures and 1 lab per week). Neurosciences faculty.
- H387.3 Cell Biology. 3 sem. hrs. (3 lectures per week). Biology faculty.
- A study of the structure of cells as affected by experimental parameters.

- H387.4 Advanced Microbiology. 3 sem. hrs. (3 lectures per week). Biology faculty.
The study of bacterial physiology, host-bacteriophage relationships with emphasis on selected microbial systems.
- H387.5a,b Advanced Mammalian Physiology. Laboratory included. 3 sem. hrs. (3 lectures per week). Physiology faculty.
The physiology and biochemistry of mammalian organ systems with emphasis on human systems.
- H387.6 Medical Genetics. 3 sem. hrs. (3 lectures per week). Biology faculty.
Problems in genetics peculiar to the study of human heredity and the study of interrelations of heredity and physiological aspects of human disease.
- H387.7 Immunology and Immunochemistry. 3 sem. hrs. (3 lectures per week). Biochemistry faculty.
Immune reactions and their bearing on normal body composition and body processes and on causation of and resistance to disease.
- H387.8 Molecular Genetics. 3 sem. hrs. (3 lectures per week). Biology faculty.
A study of the molecular basis of heredity and the processes involved in expression of genetic material and requisite control mechanisms.
- H387.9 Virology. 3 sem. hrs. (3 lectures per week). Virology faculty.
Virology with emphasis on the nature of viruses and virus-host relationship in animals and men.
- H387.10 Bacterial Viruses. 3 sem. hrs. (3 lectures per week). Biology faculty.
A study of physiological aspects of phage infection, the genetics of phage, lysogeny transduction and phage conversion.
- H487.11a,b Advanced Human Anatomy. 4 sem. hrs. (3 lectures and 1 lab per week). Anatomy faculty.
Gross and functional anatomy of Homo sapiens. A study of topography, osteology, and internal anatomy of man following systemic (not regional) plan of complete dissection. Assignment of two students per

cadaver, but comparative study required on additional cadavers. Three lectures. Three three-hour laboratories per week; two semesters. (First semester - trunk and extremities; second semester - head and neck).

- H487.12 Neuroanatomy. 4 sem. hrs. (3 lectures and 1 lab per week). Anatomy faculty.

A study of the human central nervous system with dissection of the brain and spinal cord and microscopic examination of appropriate cross sections. The construction of a model illustrates longitudinal aspects of the neuraxis. Special attention is afforded cranial nerves and their cranial connections. A correlation is attained with normal function through a study of horizontal reflexes, case histories of neurological disorders, and the use of available clinical material.

- H487.13 General and Comparative Endocrinology. 4 sem. hrs. Anatomy faculty.

A consideration of invertebrate and vertebrate endocrinology, with particular emphasis on functions such as osmoregulation, calcium metabolism, growth, reproduction, carbohydrate, fat, and protein metabolism, neurosecretion, and autonomic-endocrine interaction. Two lecture hours per week; one semester. No formal laboratory, but a specific experimental project may be required (equivalent to two three-hour laboratory periods per week).

- H387.14 Reproductive Physiology. 3 sem. hrs. Anatomy faculty.

A consideration of anatomic and physiologic aspects of oogenesis, spermatogenesis, egg transport, fertilization, early embryogenesis, gestation, nutrition of young, sexual maturation in invertebrates and vertebrates, with special emphasis on endocrine mechanisms in Insecta and Mammalia. Two lecture hours per week; one semester. No formal laboratory but a specific experimental project may be required (equivalent to two three-hour laboratory periods per week).

- H387.15 Human Anatomy. 3 sem. hrs. Anatomy faculty.

A study of topography, osteology and internal anatomy of man, using prosected cadaver material. Assignment of four students per cadaver. Two lectures, one three-hour laboratory per week; two semesters.

- H287.16 Evolution. 2 sem. hrs. (2 lectures per week). Anatomy faculty.
A study of the mechanisms of organic evolution. Current literature will be emphasized.
- H287.17 Ecology. 2 sem. hrs. (2 lectures per week). Anatomy faculty.
A study of the relationship and interaction between organisms and their environments. Current literature will be emphasized.
- H287.18 Anatomy. 2 sem. hrs. (2 lectures per week). Anatomy faculty.
A discussion of the structure and function of certain systems of the vertebrate body. Morphological adaptations for erect posture, brachiation, encephalization and others are among topics frequently discussed.
- H287.19 Biology of Natural Populations. 2 sem. hrs. (2 lectures per week). Anatomy faculty.
A study of the dynamics, relationships and mechanisms of regulations, control and behavior in natural populations. The biology of reptile and mammal populations will be emphasized.
- H397.20 Microscopic Anatomy. 3 sem. hrs. (3 lectures per week). Anatomy faculty.
This course will consist of a study of the histogenesis and detailed structure of the fundamental tissues and selected topics in organology.
- H387.21 Mechanics of Development. 3 sem. hrs. (3 lectures per week). Anatomy faculty.
An analysis of development in animals. Studies on such ontogenetic phenomena as fertilization, determination, differentiation, induction and morphogenetic movements will be discussed.
- H287.22 Tissue and Cell Culture. 2 sem. hrs. (1 lecture and 1 lab per week). Biology faculty.
The course covers the principles and practices of tissue and cell culture, photomicrography, cinematography, autoradiography and related technique. Limit of 4 students per class.

Biophysics and Physics

- H388.1 Biophysical Concepts and Methods. 3 sem. hrs. (3 lectures per week). Biophysics faculty.
- A survey of concepts and methods in biophysics including such topics as energetics, forces, spectroscopy, radiation, diffraction analysis, optical and electron microscopy, ultracentrifugation, and biological structure and function.
- H388.2 Molecular Biophysics. 3 sem. hrs. (3 lectures per week). Biophysics faculty.
- An outline of concepts of molecular bonding and the formation of macromolecular structure. The following subjects will be discussed in varying degrees of completeness: atomic and molecular forces, bonding, and interactions, primary, secondary, and advanced molecular and macromolecular structure; x-ray diffraction, electron microscopy, molecular models; nucleic acids; molecular replication, protein synthesis, and the structure and properties of virus and cellular organelles.
- H383.3 Biophysical Electronics. 3 sem. hrs. (3 lectures per week). Biophysics faculty.
- An outline of basic theory and design of electronic circuitry and a review of electronic instrumentation used in biophysics and medicine. Principles will be stressed so that the student can apply a basic understanding to the general field of electronic instrumentation. Subjects to be discussed include: electricity and magnetism, electronic elements and their properties, electronic circuits, detectors and transducers and circuitry of modern instruments.
- H288.4a,b Radiation Biology. 2 sem. hrs (2 lectures per week). Biophysics faculty.
- A study of the fundamentals of radiation biology. This study is designed to cover aspects of energy absorption, chemical reactions following radiation action, cellular response (death and mutation) to radiation, the radiation syndrome in higher organisms, and radiation protection.
- H388.5 Physics of Radiation Beams and Gamma-Ray Sources. 3 sem. hrs. (3 lectures per week). Biophysics faculty.
- A description of the physical principles in the medical application of radiation beams and radium.

- H288.6 Advanced Radiation Physics. 2 sem. hrs. (2 lectures per week).
Biophysics faculty.
- A study of the properties and measurement of electromagnetic and particulate radiation.
- H388.7 Fundamentals and Applications of Radioisotopes. 3 sem. hrs. (3
lectures per week). Biophysics faculty.
- Nuclear physics is reviewed with emphasis on the production and absorption of ionizing radiation. Further topics will be described including measurement of radiation, production of isotopes and isotope dosimetry with a more detailed discussion of isotopes presently used in clinical medicine and in research application.
- Biomedical Engineering**
- H389.1 Electronics in the Biomedical Sciences. 3 sem. hrs. (2 lectures and
1 lab per week). Biomedical Engineering faculty.
- This course is designed for non-engineering students who meet the admission requirements of the Graduate School of Biomedical Sciences. Basic electronic principles and instrumentation: vacuum tubes, solid state devices, special purpose instrumentation, and introduction to computer usage in the biomedical sciences.
- H389.2 Biomedical Engineering. 3 sem. hrs. (3 lectures per week). Pre-
requisite: credit or registration for biomedical statistics, intro-
duction to analog computers, advanced mammalian physiology,
or consent of instructor. Biomedical Engineering faculty.
- H389.3 Biomedical Engineering Instrumentation for Data Collection,
Storage and Analysis. 3 sem. hrs. (3 lectures and demonstra-
tions per week). Biomedical Engineering faculty. Prerequisite:
Admission to biomedical engineering program; registration or
credit for biomedical statistics, introduction to analog and digital
computers, and advanced mammalian physiology.
- A broad exposure to the philosophy of data collection, transducers, processing, storage, analysis, and display and interpretation. Literature and demonstrations will be used to indicate the state of the art in a systems approach to biomedical data preprocessing and processing.

Research - Biomedical Sciences

H-91 Research in Biomedical Sciences. 1 to 6 sem. hrs. May be repeated for credit. Graduate faculty.

Seminars

H-192 Seminars. 1 sem. hr. May be repeated for credit.

H-192.1 Biochemistry. Biochemistry faculty.

H-192.2 Biophysics. Biophysics faculty.

H-192.3 Medical Genetics. Medical Genetics faculty.

H192.4 Experimental Pathology. Pathology faculty.

H192.5 Immunology and Immunochemistry. Biochemistry faculty.

H192.6 Microbial Genetics. Biology faculty.

H192.7 Microbiology. Biology faculty.

H192.8 Molecular Biology. Biology faculty.

H192.9 Physiology. Physiology faculty.

H192.10 Radiation Biology. Biology faculty.

H192.11 Virology. Virology faculty.

H192.12 Microbial Physiology. Biology faculty.

H192.13 Digital Computers in the Life Sciences. Biomathematics faculty.

H192.14 Cytology. Biology faculty.

H192.15 Medical Physics. Biophysics faculty.

H192.16 Psychobiology. Mental Science faculty.

H192.17 Neurochemistry. Mental Science faculty.

H192.18 Mental Science. Mental Science faculty.

H192.19 Biomathematics. Biomathematics faculty; guest lecturers.

- H1694a,b Core Program. Graduate faculty.
- H495a,b Perspectives in Biomedical Science. 1 year course, total 4 sem. hrs. May be repeated for credit. Graduate faculty and visiting lecturers.

Theses and Dissertations

Selected subjects of current biomedical sciences.

- H698a,b Thesis for Master of Sciences. Maximum of 6 sem. hrs. Graduate faculty.
- H699a,b Dissertation for Doctor of Philosophy. Maximum of 6 sem. hrs. Graduate faculty.

Special Programs

"Doctor of philosophy degree programs may be developed, with the consent of the Dean, in areas extending beyond those listed above, in areas in which those listed above overlap, and in specialized subfields. Specially qualified students may be encouraged to develop such programs.

"Supporting work for the degree may be done in any of the above listed areas that are properly correlated with the major field or in any other area of any unit of The University that offers sufficient advanced work that is properly correlated with the major field."⁵

Requirements for Degrees

General Regulations

Residence. The minimum residence requirement for any degree is two semesters or the equivalent, which need not be consecutive.

A graduate student may register for certain courses without being resident (physically present); these include thesis and dissertation courses.

⁵Catalogue No. Part VII, The Graduate School - 1966-1968, University of Texas Publication, No. 6613, July 1, 1966.

Courses done by correspondence are not accepted for graduate credit.

In absentia registration does not refer to the above situations. It is an arrangement specifically for the candidate who has completed all the requirements, including submission of his thesis or dissertation, for his degree too late for the semester deadline but before the first registration day of the following semester. Such a candidate may, for a nominal fee, register in the next following semester or summer session for the sole purpose of receiving his degree in that semester or summer session.

Transfer of credit. Ordinarily all work for the master's degree must be done by registration for coursework through The University of Texas Graduate School of Biomedical Sciences at Houston. It is possible to take some courses for credit, when approved by the Committee on Graduate Studies, at neighboring institutions, through normal registration in the Graduate School of Biomedical Sciences. Under some circumstances graduate course work may be transferred from another institution upon approval by the student's Supervising Committee and the Dean. In cases where such transfer is approved, the student must still meet the residence requirement of two full semesters, or the equivalent.

Credit for teaching. Supervised teaching may be a part of the degree program for a student of The University of Texas Graduate School of Biomedical Sciences. Credit toward the M.S. degree or Ph.D. degree may be granted to a candidate who completes at least two semesters of teaching under the close supervision of a regular faculty member. To obtain this credit, the student must enroll in a special graduate course (H398T) in supervised teaching and perform satisfactorily. The masters or doctoral candidate may list this course in his official program of work.

Time limits. All requirements for the Master of Science degree must be completed within four calendar years, and all requirements for the Doctor of Philosophy degree must be completed within seven calendar years after matriculation in the Graduate School of Biomedical Sciences at Houston.

Exception. When necessary to permit admission or graduation of persons possessed of unusual educational background, specialized training, or in the case of highly unusual academic circumstances, any requirement for admission to candidacy for the degree of Master of Science or Doctor of Philosophy can be waived by the Dean on recommendation of the Committee on Graduate Studies.

Graduation

Degrees are awarded at the end of the fall semester, the spring semester, and the summer session, but formal public ceremonies are held only at the spring commencement. All candidates, including those actually awarded their degrees in the preceding fall and summer, are urged to attend commencement exercises. Since Ph.D. degrees are conferred individually, it is requested that Ph.D. candidates be present for the ceremony of investiture.

Degrees Offered

The University of Texas Graduate School of Biomedical Sciences at Houston offers the degrees of Master of Science and Doctor of Philosophy.

Degree Programs - Division of Graduate Studies

Master of Science Degree

The purpose of the Master of Science program in the Division of Graduate

Studies is to prepare a student for candidacy for the Ph.D. program. Accordingly, the student will usually be advised to take the Core Program as a part of this Master of Science degree plan.

Requirements for Degree Program. For any M.S. degree, at least thirty semester hours of graduate instruction, or the equivalent, are required. Not more than six of the thirty semester hours may be in courses designated "thesis". Courses taken to satisfy any lack of English proficiency, or undergraduate courses taken to satisfy admissions requirements, will not be counted in satisfaction of this requirement.

Immediately after a student has been accepted into The Graduate School, the Dean appoints a faculty member from the student's field of major interest to serve as the student's Sponsor. The Sponsor will help the student prepare a suitable program of work for the Master's degree. The proposed plan of work must be approved by the Graduate Adviser. This program lists courses that must be taken to absolve deficiencies noted by the Admissions Committee, and a minimum of 24 hours of graduate courses, exclusive of thesis, to be taken to fulfill the degree requirements. Core Program hours may be included in the 24 hours of course work. No later than the end of the second semester the student, with the assistance of his Sponsor, recommends at least three faculty members to the Dean, through the Committee on Graduate Studies, to be appointed as the student's Supervising Committee. In some cases, distinguished or specially qualified persons, not members of the Graduate Faculty may be asked to serve on a student's committee.

Thesis. The candidate for the Master of Science degree writes his thesis under the direction of the Chairman of his Supervising Committee. The thesis is

subject to the approval of the Supervising Committee, representing the Committee on Graduate Studies, and ultimately to the approval of the Dean. The student takes the Master's Thesis course, 698a and 698b, in successive semesters with three semester hours credit each. 698b may be repeated and the student must be registered for it in his terminal semester. Only six hours of semester credit for the thesis may apply to the Master of Science degree. No later than forty-five days before the anticipated date of the award of the Master of Science degree, the student must submit his thesis to the Supervising Committee through its chairman. No later than two weeks before graduation day the candidate must deliver the original and two suitably bound copies (carbons or offset reproductions) of the thesis, each signed by the Supervising Professor and all members of the Supervising Committee, to the Dean for his approval and signature. The Dean will distribute the copies as follows: the original will be bound and deposited permanently in the library, signed copies will be returned to the student, and to the Chairman of the Supervising Committee.

The Supervising Committees for all students will conduct an open oral defense of the Master's Thesis. In exceptional instances, on the advice of the Supervising Committee, students who have completed the Core Program may petition to take the Ph.D. Candidacy Examination before completing the Master's Program.

Petitions and Official Communications. Each student who is a candidate for the M.S. degree is responsible for the preparation and submission of the following to the Office of the Dean:

1. Petition to Candidacy;
2. Request for Final Oral Examination; and
3. Report of Final Oral Examination.

These forms are available in the Dean's Office, 109 Hermann Professional Building Annex.

Outline of Routine for Master of Science Degree.

1. Upon admission to the Graduate School of Biomedical Sciences the Dean appoints a three-member Sponsoring Committee and designates the chairman.
2. The Sponsoring Committee assists the student in selecting a mater's thesis research problem and in completing the form "Petition to Candidacy for the Master's Degree."
3. The Dean approves the proposed program and appoints the Supervising Committee. This should be done prior to the first Summer Session so the student may register for the first half of the Master's Thesis course, 698a (3 semester hrs. credit). The student must be registered in 698b during his terminal semester (698b may be repeated although only six semester hours of thesis credit may be applied toward the thirty-hour Master's Program).
4. No later than two weeks prior to graduation, the student must deliver the original and two copies of the thesis, suitably bound and signed by the members of his Supervising Committee, to the Dean for his signature.
5. The Supervising Committee arranges and conducts an open oral examination of the student over material relevant to the degree program.
6. The Dean notifies the student that he has fulfilled all requirements for the Master of Science degree and that he will be awarded the degree at the next commencement.
7. Students desiring to continue their graduate education after receiving the M.S. should confer with the Graduate Adviser regarding the choice of faculty members for a Sponsoring Committee for the student's Ph.D. program, to be appointed by the Dean.
8. Students entering into the Ph.D. program must petition to take the oral Ph.D. Candidacy Examination within one calendar year after receipt of the M.S. degree from the Graduate School of Biomedical Sciences and proceed to step 3 of the Ph.D. routine.
9. Those students whose Master of Science degree plan includes the Core Program may, upon satisfactorily completing the Core Program and upon the advice of their Master's Supervising Committee, petition to take the oral Ph.D. Candidacy Examination and proceed to step 3 of the Ph.D. routine.

Doctor of Philosophy Degree

The purpose of the Doctor of Philosophy program is to provide the highly motivated, curious, imaginative, disciplined and skillful student with guidance in an environment which will bring his creative urge to full and complete fruition. The program is designed to prepare graduates for careers in teaching, service and research in the biomedical sciences.

Course Requirements. Although advanced course work is an integral part of the doctoral candidate's preparation, no minimum number of semester hours has been set for attainment of the Ph.D. degree. The real basis on which the degree is awarded is the candidate's demonstration of mastery of a selected portion of the biomedical sciences, his ability to do independent study of high quality in his specialty area, and his broad understanding of the entire field.

Foreign Language Requirement. All candidates for the Doctor of Philosophy degree must have achieved practical reading competence in at least one major modern foreign language. Any student registering in the Graduate School who has completed two years of a major foreign language with an average grade of at least "B" at any undergraduate college on a list compiled by the Office of the Graduate Dean, in conjunction with representatives of the Main University language departments, shall be deemed to have satisfied the basic language requirement. A student not satisfying the language requirement in this manner may do so either by taking two years of regular foreign language course work at the University, or by special course work and examination (defined by the Dean) to test his skills and ability to use a specified foreign language.

Petitions and Official Communications. Each student who is a candidate for the Ph.D degree is responsible for the preparation and submission of the following to the Office of the Dean:

1. Petition for Candidacy Examination;
2. Report of Candidacy Examination;
3. Request to be Admitted to Candidacy;
4. Request for Final Oral Examination; and
5. Report of Final Oral Examination.

These forms are available in the Office of the Dean, 109 Hermann Professional Building Annex.

Admission to Candidacy. The process is initiated when the student and his Sponsoring Committee petitions the Dean to take the Candidacy Examination for the Doctor of Philosophy degree program. This cannot be done until the student has: (1) completed the foreign language requirement; (2) absolved all deficiencies listed at the time of admission; and (3) completed at least one semester in residence at the Graduate School of Biomedical Sciences. Students entering the school with advanced degrees, i.e., M.A., M.S., M.D., D.D.S., D.V.M., etc. are not required to take the Master of Science degree in every instance, but they are expected to petition for the candidacy examination for the Doctor of Philosophy degree before the expiration of one calendar year.

The student's Sponsoring or Supervising Committee, consisting of three or more qualified faculty members with one designated as Chairman, is appointed by the Dean and functions in an advisory capacity beginning at or prior to the initial

enrollment of the student. The Sponsoring Committee will guide the student in his preparation for admission to candidacy.

The Petition for the Candidacy Examination must be signed by all members of the student's Sponsoring or Supervising Committee and is submitted to the Dean. The petition contains a list of faculty which are especially qualified in the student's major area of interest and a brief abstract of the research problem that will serve as the framework for the examination.

The Dean examines the credentials of the student and, if they are in order, asks the Committee on Graduate Studies to conduct the examination. The Committee on Graduate Studies notifies the student of the composition of the examining committee, the time, date and place of the examination. The student provides each member of the examining committee with a copy of his academic record and a one to two page resume of the research problem at least one week prior to the date of the examination. The examinations will be of such a nature as to demonstrate the student's aptitudes for advanced research and independent thought as well as weakness and strength of background in various subjects pertaining to the area of specialization and supportive areas. The Core Program is designed specifically to facilitate comprehension of the broad area of subject matter in biomedical science upon which the student will be examined. The Committee on Graduate Studies notifies both the Dean and the student of the results of the examination.

If the candidacy examinations are not passed, the applicant may take them a second time, but this must be accomplished within two semesters following the first examinations. If the examinations are not passed at the second examination, the student

will not be permitted further registration in the Graduate School of Biomedical Sciences.

The candidacy examining committee also may pass a candidate found deficient in an area with the stipulation that certain specific courses be taken and passed in order to bring the candidate's knowledge to a satisfactory level in the area before awarding the Doctor of Philosophy degree.

After passing the candidacy examination, the student meets with the Chairman of his Sponsoring Committee and prepares a list of qualified faculty members, any of whom he would like to have on his Supervising Committee, and designates the Chairman. He petitions the Dean to appoint his Supervising Committee.

As soon as the Supervising Committee is appointed the Chairman calls a meeting with the student and they draft the official program of work. This is submitted to the Dean. If the Dean approves he admits the student to candidacy for the Doctor of Philosophy degree on this program. In every instance, final approval and admission to candidacy are the responsibility of the Dean.

The Chairman of the Supervising Committee will be responsible for the candidate's doctoral dissertation research and the dissertation. It will be the responsibility of the Supervising Committee to see that the student satisfies all requirements for the Doctor of Philosophy degree.

If at any time the Supervising Committee considers an adjustment advisable, it will request the Dean to issue an amended program. Supervising Committee members should be unanimously in agreement as to the nature and necessity of the adjustment. The Dean ultimately will decide whether or not to issue an amended program for the

candidate. Program amendments can be considered no later than the beginning of the second semester before the proposed graduation date.

The Supervising Committee will meet with the candidate at least twice a semester to receive a formal report on research, for discussion of problems, grade reports and other matters, and to tender advice and criticism in regard to the candidate's progress.

Doctoral dissertation. The dissertation is required of every candidate and must be an original contribution to scholarship resulting from independent investigation in the candidate's specialty area. It must be submitted for approval to the candidate's Supervising Committee.

No less than sixty calendar days before the prospective date for the awarding of the degree, the Chairman of the Supervising Committee should receive a complete copy of the dissertation (unbound) from the candidate. The Chairman may call for any changes he deems necessary, but arranges it so the other members of the Supervising Committee have at least thirty calendar days to read the final copy. After all members of the Supervising Committee become familiar with the dissertation, the members sign a notice of acceptance by which they state their willingness to examine the candidate on his dissertation.

Final Oral Examination. Until the final oral examination has been successfully passed, the dissertation is not actually regarded as approved. The examination will cover the dissertation and the general field of the dissertation, and such other parts of the student's program as the Supervising Committee may determine and advise

the student in advance. If the examiners are satisfied with the candidate's performance they then sign the approval sheets for the doctoral dissertation and an official recommendation of the candidate to the Dean.

Submission and Publication of Dissertation. The successful candidate is required to pay the cost of microfilm reproduction of his complete dissertation. The signed original copy (unbound) of his doctoral dissertation is sent from the Office of the Graduate School of Biomedical Sciences to University Microfilms, Ann Arbor, Michigan, for reproduction. The student is required to pay the cost of the binding.

With the original unbound and two bound copies of the dissertation the student must also submit to the Dean two copies of an abstract, not to exceed five hundred words, which has been approved in final form by the Supervising Committee. This will be submitted for publication in American Dissertation Abstracts.

Publication by microfilm does not preclude subsequent publication of the dissertation, whole or in part, as a monograph or in a journal. The student is required to submit to his committee chairman the major findings of his thesis work in an acceptable form for publication by an appropriate journal prior to the time he seeks final approval of the thesis. Failure to obtain acceptance of the manuscript for publication will not affect awarding of the degree.

Outline of Routine for Ph.D. Degree Candidates.

1. The Dean appoints a three member sponsoring committee for students entering with an advanced degree (M.S., M.A., M.D., D.D.S., D.V.M.). The function of this committee is to prepare the student to take the Ph.D. Candidacy Examination.

2. Petition to take the Ph.D. Candidacy Examination is made after the student has (a) absolved all deficiencies listed at the time of his admission, (b) absolved the foreign language requirement, and (c) satisfactorily completed the Core Program.
3. The Dean examines the credentials of the student and, if in order, asks the Committee on Graduate Studies to examine the student.
4. The Committee on Graduate Studies Subcommittee on Academic Standards notifies the Dean as to the composition of the examination committee including a designated chairman, and as to the date, time and place of the examination. The Dean notifies the student and instructs the registrar to provide each member of the examining committee with a copy of the student's pertinent academic records at least one week prior to the date of the examination.
5. The student should also provide each member of the examining committee with a one to two page resume of the research problem that will provide a general framework of discussion during the examination one week prior to the date of the examination.
6. Immediately after the student passes the examination, he fills out a form listing several members of the faculty, any or all of whom he would like to have on his Ph.D. supervising committee, and submits it to the Dean. The Dean appoints the Supervising Committee and designates its chairman.
7. The student and his Supervising Committee meet and formulate his official program of work. It is submitted to the Dean with a letter of transmittal bearing the signatures of the Supervising Committee. The Dean then officially admits the student into candidacy for the Ph.D. degree on this program of work. This process must be completed before the student may register for the Ph.D. Thesis Course 699a and 699b. The student must register for 699a and 699b in successive semesters for three semester credit hours each. The student must be registered in 699b during his terminal semester; it may be repeated.
8. At the time the student registers for the terminal semester, either regular session or summer session, he must obtain specific instructions from the registrar with regard to how and when to file the diploma name card, to submit copies of his dissertation, to sign the microfilm agreement, to pay the fee for microfilm reproduction, to sign the copyright disclaimer, and fill out the form "Survey of Earned Doctorate," and to schedule the final oral examination.
9. The Dean notifies the student that he has completed all requirements for the Doctor of Philosophy Degree and will be awarded his degree at the next commencement.

Degree Programs - Division of Special Graduate Studies

General Information

The academic structure for Master of Science degrees in the Division of Special Graduate Studies is based upon the premise that scientific scholarship is attained for the special purpose of effectively planning ways to new knowledge. The student develops his ability for discriminative evaluation of new observations and of new formulations of old knowledge in order to better solve health problems. The Master of Science degree in the Division of Special Graduate Studies is a truly academic degree. The clinical training aspects of the educational experience are added to a complete academic program. Academic study and research is correlated with clinical experience. This kind of education for the master's degree is above and beyond that required for certification by a specialty board. Educated in this manner, many graduates will be prepared to enter academic positions in teaching, service and research.

A student who receives a master's degree in the Division of Special Graduate Studies may apply for entry into the Ph.D. program in the Division of Advanced Graduate Studies.

Admission of Students

Admission requirements differ for each of the specialized degree programs, but all applicants must meet the general requirements for admission to The University of Texas Graduate School of Biomedical Sciences at Houston.

Students who hold the degrees M.D., D.D.S., D.V.M., B.S., or the equivalent, are eligible for admission.

Current Programs

Master of Science (Medical Physics). Preparation for professional and teaching careers in medical physics is offered in a twenty-four month program for those who have a Baccalaureate degree in the physical sciences. Areas such as the use of radiation for diagnosis and therapy are of special interest to many students. There has been a high demand for individuals with training in medical physics.

Prerequisites: The student should have a bachelor's or master's degree in Physics or Mathematics with a minor in Mathematics, Chemistry, or Physics. Students must meet the qualifications in regard to grade points and Graduate Record Examination that are required by The University of Texas Graduate School of Biomedical Sciences at Houston.

Length of Study: A period of 24 months is required as a general rule.

Language Requirements: One foreign language, preferably German, is required.

Course Work: A typical (but not prescribed) program follows.

<u>Course</u>		<u>Semester Hours</u>
H390.1	Fundamentals and Applications of Radioisotopes	3
H390.2	Physics of Radiation Beam and Gamma Ray Sources	2
H290.3a,b	Advanced Radiation Physics	4
H183.2	Seminar in Medical Physics	4
	Instrumentation in Medical Physics	2
	Research in Medical Physics	24
	General Biology (other institution)	audit
	Physiology or Anatomy (other institution)	3
H487.17	Biomedical Statistics	4
H289.2	Radiation Biology	2
H298a,b R540a,b ⁶	Thesis for Master of Science	6

⁶Rice University.

Thesis Subjects: Thesis subjects are usually of an applied nature, but are always original work. For example, the measurement of radiation beams by calorimetry, the computation of radiation doses within patients treated by radiation therapy utilizing computer methods, or the energy response of solid state dosimeters might be suitable problems.

Teaching Experience: Students are expected to do a considerable amount of teaching during the two-year period. They present seminars, give one-hour lectures, and supervise several laboratory experiments.

Practical Experience: Students work for a total of six months in the operating sections of Isotopes, External Beam and Radium, and Radiation Protection.

Papers: Students have one or two papers published during the two-year period.

Additional Information: Most students prepared themselves for certification in radiological physics by the American Board of Radiology (A Master's Degree is a requirement for this certification).

Fellowship Application: Forms required are listed below.

1. Application for Admission - The University of Texas Graduate School of Biomedical Sciences at Houston.
2. Biographical Data Sheets (2 copies).
3. Report on Recent Chest X-ray - signed by authorized physician.
4. Statement on Student's General Health - signed by physician.
5. Three letters of recommendation.
6. Two recent pictures.

A number of fellowships, limited to U.S. Citizens or to Permanent Residents of the United States, are available to those who qualify for admission. Applicants will also

be encouraged and aided in the preparation of applications to granting agencies for fellowships in their own names; frequently these will require sponsorship of the student by the School. Further information may be obtained by writing to:

Head of the Department of Physics
The University of Texas
M.D. Anderson Hospital and Tumor Institute
6723 Bertner Avenue
Houston, Texas 77025

Master of Science - Biomedical Sciences (Dental Branch). A Master of Science program in The University of Texas Dental Branch was approved by the Texas Commission of Higher Education April 10, 1961. The program has as its chief purpose graduate study opportunities for students who desire to improve their competence in the basic sciences and research as they relate to problems of dental education and practice. The course of study requires a minimum of two calendar years. Twenty-four semester hours credit in basic science and 6 credit hours in research and thesis, as well as a schedule of related clinical activity, comprise the study program. A D.D.S. degree, or the equivalent, a grade point average of 2 out of a possible 3, satisfactory Graduate Record Examination scores, two transcripts of all college and dental school records, and letters of recommendation are requested of applicants for admission.

Students in this program are registered in and pay tuition to The University of Texas Dental Branch. The Dean of The University of Texas Graduate School of Biomedical Sciences at Houston has the responsibility for continuing review of the program. Inquiries regarding the program should be addressed to:

Associate Dean for Graduate Studies
The University of Texas Dental Branch
P. O. Box 20068
Houston, Texas 77025

THE UNIVERSITY OF TEXAS AT HOUSTON
GRADUATE SCHOOL OF BIOMEDICAL SCIENCES

REGISTER OF STUDENTS

IN RESIDENCE 1968

- Betty C. Altenburg, Dept. of Biology, B.A., Trinity, 1963; M.S., Univ. of Illinois, 1965
- Lewis C. Altenburg, Dept. of Physics, B.A., Rice, 1965; M.S., GSBS, 1968
- Marilyn S. Arnott, Dept. of Biochemistry, B.S., Texas, 1965; M.S., GSBS, 1967
- Dr. Max L. Boone, Dept. of Physics, A.B., Indiana, 1952; M.D., Indiana, 1956
- Hanes H. Brindley, Jr., Dept. of Physiology, B.A., Texas, 1965
- James H. Brown, Texas Research Institute of Mental Sciences, B.S., Central State College, 1954
- Henry Y. Chou, Texas Research Institute of Mental Sciences, B.S., Tarleton State, 1963; M.S., Texas A & M, 1966
- Larry L. Deaven, Dept. of Biology, B.S., Penn. State, 1962; M.S., Penn. State, 1964
- Bruce R. Dishman, Dept. of Biology, B.S., Arizona State, 1967
- Marion L. Dodson, Jr., Dept. of Biology, B.A., Texas, 1965
- Dr. Benjamin Drewinko, Dept. of Research Clinical Pathology, B.S., B.A., National College, Argentina, 1956, 1956; M.D., Univ. of Buenos Aires, 1962
- Vicente S. Estevez, Texas Research Institute of Mental Sciences, B.S., Univ. of Houston, 1960
- Valentine R. Goodrich, Dept. of Biology, B.S., Lamar State, 1966
- Peter N. Gray, Dept. of Developmental Therapeutics, B.A., Univ. of Delaware, 1962; M.S., Northwestern, 1965
- Suzanne H. Hampton, Dental Science Institute, B.A., Drew Univ, 1956; M.S., Tulane, 1959
- Dr. Ronald S. Harwerth, Dept. of Neural Sciences, B.S., Univ. of Houston, 1967; O.D., Univ. of Houston, 1967
- John T. Heard, Jr., Dept. of Biology, B.S., Lamar Tech., 1964; M.S., Sam Houston State, 1966
- Glenn E. Housholder, Dept. of Developmental Therapeutics, B.S., Univ. of Houston, 1948
- Emanuel B. Hranitzky, Dept. of Physics, B.A., Texas A & M, 1963
- Roosevelt J. Jones, Dept. of Biology, B.S., Prairie View A & M, 1953; M.A., Texas, 1961
- Harvey L. Kincaid, Jr., Dept. of Biochemistry, B.A., Vanderbilt, 1964; B.A., Texas Christian, 1965; M.S. Baylor Univ., 1965
- Paul E. Kizer, Dept. of Developmental Therapeutics, B.S., Southeastern State, 1968
- Thomas R. Leeth, Dept. of Biomedical Engineering, B.S., Arlington State, 1962, M.S., Texas, 1964
- Myles L. Mace, Jr., Dept. of Biology, B.A., M.S., Univ. of Connecticut, 1966, 1967

REGISTER OF STUDENTS

- Michael E. McClure, Dept. of Biochemistry, B.S., Purdue, 1963; M.S., GSBS, 1966
- Baker A. Mitchell, Dept. of Biomathematics, B.S., Duke, 1962; M.S., Univ. of Arizona, 1964
- Sandra A. Murphree, Dept. of Biochemistry, B.S., Southwestern, 1965
- Dr. William A. Newton, Jr., Dept. of Virology, B.A., Tulane, 1958; M.D., Tulane Univ. Medical School, 1961
- William B. Novak, Dept. of Biochemistry, B.A., Rice, 1967; M.S., GSBS, 1968
- Dolores M. Peterson, Dept. of Pathology, B.A., North Texas, 1957; M.S., GSBS, 1968
- Thomas P. Piantanida, Dept. of Neural Sciences, B.A., Fairleigh Dickinson Univ., 1964
- Dorothy L. Powers, Texas Research Institute of Mental Sciences, B.S., Bradford Durfee College, 1954
- Garrett L. Rogers, Texas Research Institute of Mental Sciences, B.A., Texas, 1965
- Dr. Marvin M. Romsdahl, Dept. of Biology, A.B., B.S., Univ. of South Dakota, 1952, 1954; M.D., Univ. of Illinois College of Medicine, 1956
- Ronald C. Ross, Dept. of Biology, B.A., Rice, 1967
- Dr. Peter F. Schatzki, Dept. of Pathology, A.B., Harvard, 1948; M.D., Tufts Univ., 1952
- Arthur E. Schulze, Dept. of Biomedical Engineering, B.S., M.S., Texas, 1962, 1963; M.S., GSBS, 1968
- John B. Simpson, Dental Science Institute, B.S., Ohio State, 1967
- Stephen M. Sloan, Dept. of Biomathematics, B.S., Univ. of Houston, 1966, 1967; M.S., GSBS, 1968
- David F. Smith, Dept. of Biochemistry, B.S., Texas Lutheran, 1967
- Nora Lindsay Taylor, Dept. of Biology, B.A., Okla. State, 1968
- Lawrence H. Thompson, Dept. of Physics, B.S., Texas, 1963, M.S., GSBS, 1967
- Gerald J. Tritz, Dept. of Biology, B.S., Utah State, 1962; M.S. Colorado State, 1965
- Yu-Hui Tsai, Dept. of Biochemistry, B.S., Tarpee Medical College, 1964
- Jon T. Watson, Dept. of Anatomy, B.S., M.A., Sam Houston State, 1964, 1966
- Jacqueline I. Wheat, Veterans Administration Hospital, B.S., Univ. of Houston, 1967
- Gary A. Wood, Dept. of Physics, B.S., Central State College, 1962
- Granville W. Wray, Dept. of Biology, B.S., Phillips Univ., 1963; M.S., Okla. State, 1965
- Virginia L. Wray, Dept. of Biochemistry, B.S., M.S., Okla. State, 1962, 1966
- Ann E. Wright, Dept. of Physics, B.A., Univ. of Houston, 1965; M.S., GSBS, 1967
- Russell K. Young, Dept. of Experimental Pathology, B.A., Texas, 1967
- Alfonso, Zermeno, Dept. of Physics, B.S., M.S., St. Mary's Univ., 1960, 1964

DEGREES CONFERRED 1966-1967-1968

	<u>Year of Graduation</u>	<u>Present Occupation and Location</u>
Doctor of Philosophy		
Robert R. Klevecz	1966	Faculty, Department of Biology, City of Hope Medical Center, Durante, California
Houston Wade	1966	Assistant Professor of Genetics, Univ. of Minnesota, Minneapolis, Minnesota
Edward Montgomery	1967	Faculty, Department of Pharmacology, University of Oregon, Portland, Oregon
Doris L. Ross	1967	Biochemist, Department of Biochemistry, Hermann Hospital, Houston, Texas
Robert G. Waggener	1967	Physicist, Department of Physics, M.D. Anderson Hospital and Tumor Institute, Houston, Texas
Max Boone	1968	Associate Radiotherapist, The University of Texas, M.D. Anderson Hospital and Tumor Institute, Houston, Texas
Peter Corry	1968	McGill University, Montreal, Canada
Don Ranly	1968	The University of Texas at Houston Dental Branch, Houston, Texas
Marvin Romsdahl	1968	Assistant Professor of Surgery, The Univ. of Texas; Assistant Surgeon, M.D. Anderson Hospital and Tumor Institute, Houston, Texas
Peter Schatzki	1968	Assistant Professor of Surgical Pathology, Medical College of Virginia, Richmond, Virginia
Elmer Scheltgen	1968	The University of Houston, Houston, Texas
David Steward	1968	Dow Chemical Company, Zionsville, Illinois
Alfonso Zermeno	1968	Assistant Biophysicist, Diagnostic Radiotherapy, M.D. Anderson Hospital and Tumor Institute, Houston, Texas

	<u>Year of</u> <u>Graduation</u>	<u>Present Occupation</u> <u>and Location</u>
Master of Science		
Peter Corry	1966	See Ph.D. listing above
David Steward	1966	See Ph.D. listing above
Marilyn Arnott	1967	Pursuing Ph.D. at GSBS
Michael McClure	1967	Pursuing Ph.D. at GSBS
Lawrence H. Thompson	1967	Pursuing Ph.D. at GSBS
Ann E. Wright	1967	Pursuing Ph.D. at GSBS
Lewis C. Altenburg	1968	Pursuing Ph.D. at GSBS
Valentine Goodrich	1968	Unknown
Sandra Murphree	1968	Pursuing Ph.D. at GSBS
William B. Novak	1968	Pursuing Ph.D. at GSBS
Dolores Peterson	1968	Pursuing Ph.D. at GSBS
Arthur Schulze	1968	Space Craft Inc.
Stephen Sloan	1968	Pursuing Ph.D. at GSBS

FACULTY AND STAFF APPOINTMENTS:

The following roster of faculty for the Graduate School of Biomedical Sciences at Houston is submitted for approval. These appointments have been recommended by the Executive Administrative Committee of The University of Texas at Houston and have been approved by the Executive Vice Chancellor for Medical Affairs and the Chancellor:

<u>Name and Title</u>	<u>Institutional Affiliation</u>
<u>MEMBERS:</u>	
Arnim, Sumter S., Dean for Graduate School of Biomedical Sciences, Professor of Pathology, B.A., Rice, 1926; D.D.S., Northwestern, 1930; Ph.D., Yale Univ. School of Medicine, 1935.	GSBS
Benolken, Robert M., Professor of Neural Sciences, B.S., Marquette Univ., 1954, Ph.D., The Johns Hopkins Inv., 1959.	GSBS
Bevelander, Gerrit, Professor and Chairman, Dept. of Histology, D.B. B. A., Hope College, 1926; M.A. Univ. of Michigan., 1928; Ph.D., The Johns Hopkins Univ., 1932.	DB
Burdette, Walter J., Associate Director (Research); Chief, Sect. of Experimental Oncology, Prof. of Surgery, A.B., Baylor, 1935; A.M., Ph.D., Texas, 1936, 1938; M.D., Yale, 1942.	MDA
Dmochowski, Leon L., Prof. and Head, Dept. of Virology, M. B., Ch. B., Univ. of Lwow, Poland, 1933; M.D., Univ. of Warsaw, 1937; Ph.D., Univ. of Leeds, 1949.	MDA
Farrell, Gordon L., Head, Division of Mental Retardation Research M.D., St. Louis Univ. School of Medicine, 1947.	TRIMS
Frei, Emil, Associate Director (Cl. Research); Head, Dept. of Developmental Therapeutics and Prof. of Medicine, M.D., Yale Univ. School of Medicine, 1948.	MDA
Griffin, A. Clark, Prof. of Biochemistry, B. S., Utah State, 1939; M. S., Michigan State, 1941; Ph.D., Univ. of Wisconsin, 1947.	MDA
Haas, Felix L., Prof. and Head, Dept. of Biology, B. A., M.A., Ph.D., Texas, 1947, 1948, 1950.	MDA
Hampton, John K., Prof. of Physiology, B. S., Millsaps College, 1947; Ph.D., Tulane, 1949.	DB
Hinds, Edward C., Prof. of Surgery, B. A. Baylor, 1940; D.D.S., Baylor Univ. College of Dentistry, 1940; M. D., Baylor Univ. College of Medicine, 1945.	DB
Hsu, T. C., Prof. of Biology, B. S., National Chekiang Univ., 1941; Ph.D., Texas, 1951.	MDA
Hurlbert, Robert B., Prof. of Biochemistry, B. S., M. S., Univ. of Nebraska, 1947, 1949; Ph.D., Univ. of Wisconsin, 1952.	MDA
Jirgensons, Bruno, Prof. of Biochemistry, Dr. Chemistry, Univ. of Latvia, 1933.	MDA
Kroeger, Donald C., Prof. of Pharmacology, B. S., Oregon State College, 1947; M. S., Ph.D., Purdue, 1949, 1951.	DB
Levy, Barnet M., Prof. of Pathology, A. B., Univ. of Penn., 1938; D. D. S., Univ. of Penn. Dental School, 1942; M. S., Med. College of Virginia, 1944.	DB
Mandel, Manley, Assoc. Professor of Biology, B. A., Brooklyn College, 1943; M. S., Ph.D., Michigan State, 1947, 1952.	MDA
Shalek, Robert J., Prof. of Biophysics, B. A., Univ. of Ill., 1943; M.A., Southern Methodist, 1948; M.A., Ph.D. Rice, 1950, 1953.	MDA
Shaw, Margery W., Assoc. Prof. of Biology, A.B., Univ. of Ala. 1945; M.A., Columbia, 1946; M.D., Univ. of Mich., 1957.	GSBS
Smith, Edwin L., Prof. of Physiology, Ph.G., B. S., M. S., Univ. of Nebraska, 1929, 1935, 1938; Ph.D., Univ. of Chicago, 1941.	DB
Taylor, A. Cecil, Prof. of Anatomy, B. A., Taylor Univ., 1930; M.S., Univ. of Kentucky, 1934; Ph.D., Univ. of Chicago, 1942.	DB
Ward, Darrell, Prof. of Biochemistry, B. S., Utah State Agriculture College, 1949; M. S., Ph.D., Stanford, 1951, 1953.	MDA

<u>Name and Title</u>	<u>Institutional Affiliation</u>
<u>ASSOCIATES:</u>	
Almond, Peter R., Asst. Professor of Biophysics, B. S., Nottingham Univ., 1958; M. A., Ph.D., Rice, 1962, 1964.	MDA
Anderson, David E., Prof. of Biology, B. S., Univ. of Mass., 1950; M. S., Univ. of Conn., 1952; Ph.D., Iowa State, 1954.	MDA
Ansevin, Allen T., Asst. Prof. of Biophysics, A. B., Earlham College, 1951; M.S., Ph.D., Univ. of Pittsburgh, 1958, 1961.	MDA
Anstall, Harold, Assoc. Prof. of Cl. Pathology, B. S., M. D., Univ. of London, Guys Hospital Medical School, 1949, 1955; M.R.C.P., Royal College of Physicians of London, 1958.	MDA
Bloom, Joe M., Asst. Prof. of Mental Sciences, B.M., North Texas State, 1955; Ph.D., Texas, 1963.	TRIMS
Bowen, James M., Asst. Prof. of Virology, B. S., Midwestern Univ., 1955; M. S., Ph.D., Oregon State, 1958, 1961.	MDA
Brinkley, Bill R., Asst. Prof. of Biology, B. S., M. A., Sam Houston State, 1959, 1961; Ph.D., Iowa State, 1964.	MDA
Browning, Henry C., Prof. and Chairman, Dept. of Anatomy, B.S. Ph.D., Univ. of Bristol, 1937, 1942.	DB
Chang, Jeffrey P., Prof. of Biology, B. S., National Central Univ. China, 1941; M. S., Ph.D., Univ. of Illinois, 1946, 1949.	MDA
Claghorn, James L., Asst. Prof. of Mental Sciences, A. B., Oberlin College, 1957; M. D., Albany Med. College of Union Univ., 1961.	TRIMS
Cole, Arthur, Prof. of Biophysics, B.A., M.A., Rice, 1951, 1953 Ph.D., Texas, 1956.	MDA
Creaven, Patrick J., Asst. Prof. of Mental Sciences, M. D., Ph.D., London University at St. Mary's Hospital Med. School, 1956, 1964.	TRIMS
Derrick, William S., Prof. of Anesthesiology, A. B., M. D., George Washington University, 1940, 1942.	MDA
Fletcher, Gilbert H., Prof. and Head, Dept. of Radiology, B.A., Univ. of Paris, 1929; B. A., Univ. of Louvain, 1932; M. S., M.D., Univ. of Brussels, 1935, 1941.	MDA
Frampton, Elon W., Assoc. Prof. of Biology, B. A., Syracuse, 1949; M. S., Northwestern, 1951; Ph.D., Univ. of Illinois, 1959.	MDA
Freireich, Emil J., Chief, Sect. of Research Hematology; Asst. Head Dept. of Development Therapeutics and Prof. of Medicine, B. S., M. D., Univ. of Illinois, 1947, 1949.	MDA
Furlong, N. Burr, Asst. Prof. of Biochemistry, B. S., B. A., Southern, Mich., 1952; M. S. Stanford, 1954; Ph. D., Texas 1960.	MDA
Gehan, Edmund A., Prof. of Biometrics, B. A., Manhattan College, 1951; M. S., Ph.D., N. C. State College, 1953, 1957.	MDA
Harris, Robert R., Asst. Prof. of Mental Science, B. A., Rice, 1950, Ph. D., Univ. of Houston, 1964.	TRIMS
Hewitt, Roger R., Asst. Prof. of Biology, B. A., Willamette Univ., 1959; M. S., Ph. D., Univ. of Rochester School of Medicine and Dentistry, 1960, 1963.	MDA
Hnilica, Lubomir S., Assoc. Prof. of Biochemistry, C.Sc., Academy of Science, Czechoslovakia, 1959; Ph.D., Mesaryk Univ., Czechoslovakia, 1952.	MDA
Ho, Beng T., Asst. Prof. of Mental Science, B. S., National Taiwan Univ., 1941; M. S., Univ. of Oregon, 1959; Ph. D., Univ. of Washington, 1962.	TRIMS
Humphrey, Ronald M., Assoc. Prof. of Biology, B. A., Hardin-Simons, 1953; M. A., Ph. D., Texas 1955, 1958.	MDA
Kennedy, Joseph P., Assoc. Prof. of Anatomy, B. A., University of St. Thomas, 1954; M. S., Ph.D., Texas, 1955, 1958.	DB
Loo, Ti Li, Assoc. Prof. of Biochemistry, B. S., Tsing Hua Univ., 1940, Ph. D., Oxford University, 1946.	MDA
Lyman, F. Earle, Assoc. Dean for Graduate Studies and Prof. of Physiology, B. S., Alma College, 1932; M. S., Ph. D., University of Michigan, 1933, 1940.	DB
Madsen, Kenneth O., Assoc. Prof. of Physiology, B. S., Univ. of Wyoming, 1950; M. S., Ph. D., Univ. of Wisc., 1953, 1958.	DB
Marrack, David, Assoc. Prof. of Clinical Pathology, M. B., B. S. M. D., The London Hospital Med. School, Univ. of London, 1947, 1947, 1951.	MDA
Matney, Thomas S., Assoc. Prof. of Biology, B. S., B. A., M. S., Trinity, 1948, 1949, 1951; Ph.D., Texas, 1958.	MDA

<u>Name and Title</u>	<u>Institutional Affiliation</u>
McGregor, Robert F., Asst. Professor of Biochemistry, B. S. Univ. of Illinois, 1948; M. S., Univ. of Wyoming, 1955; Ph.D., Baylor, 1961.	MDA
McIsaac, William M., Prof. of Mental Science, B. S., University College, London, 1943; M.R.C.S., L.R.C.P., Royal College of Physicians and Surgeons, 1953; M. B., B. Sc., St. Mary's Hosp. Medical School, 1953; Ph. D., London University, 1957.	TRIMS
Miller, John M., Asst. Prof. of Medicine, M. B., Ch.B., M. D., Edinburgh Univ. Med. School, 1958; M.Sc. (Med) Univ. of Alberta, Faculty of Graduate Studies, 1962.	MDA
Moore, E. Coleen, Asst. Prof. of Biochemistry, B. A., M. A., Texas 1945, 1950; Ph. D., Univ. of Wisconsin, 1958.	MDA
Pienta, Roman J., Assoc. Prof. of Microbiology, B. S., Penn State 1954, M. S., Ph. D., Rutgers, 1956, 1959.	MDA
Ruchelman, Maryon W., Asst. Prof. of Medicine, B. A., B. S., M.S., Texas College of Arts & Industry, 1954, 1956, 1958; Ph. D., Univ. of Houston, 1963.	MDA
Saunders, Grady F., Asst. Prof. of Biochemistry, B. S., M. S., Oregon State, 1960, 1962; Ph. D., Univ. of Illinois, 1965.	MDA
Schlamowitz, Max, Assoc. Prof. of Biochemistry, B. S. College of the City of New York, 1940; M. S., Ph. D., Univ. of Mich., 1941, 1946.	MDA
Schoolar, Joseph C., Assoc. Prof. of Mental Sciences, A. B., M. S. Univ. of Tenn., 1950, 1952; Ph. D., M. D., Univ. of Chicago, 1957, 1960.	TRIMS
Shaeffer, III., Joseph R., Asst. Prof. of Biophysics, S. B., Mass. Institute of Tech., 1956; Ph. D., Univ. of Rochester, 1962.	MDA
Shaw, Charles R., Assoc. Prof. of Biology, M. D., N. Y. University College of Medicine, 1946.	MDA
Sinkovics, Joseph G., Assoc. Prof. of Medicine, M. D., Univ. of Budapest, 1948.	MDA
Sperling, Harry G., Chairman and Prof. of Neural Sciences, A. B., Univ. of Penn., 1944; Ph.D., Faculty of Pure Science, Columbia, 1953.	GSBS
Stubblefield, T. Elton, Asst. Prof. of Biology, B.S., N. Tex. State, 1957; M.S., Ph.D., Univ. of Wisconsin, 1959, 1961.	MDA
Suit, Herman D., Assoc. Prof. of Radiotherapy, B. A., University of Houston, 1948; M. S., M. D., Baylor, 1952; Ph. D., Oxford, 1956.	MDA
Suit, Joan L., Assoc. Prof. of Biology, B. S., Oregon State, 1953; M. A., Ph. D., Stanford, 1955, 1957.	MDA
Tessmer, Carl F., Prof. of Pathology, M. D., Univ. of Pittsburgh, 1935.	MDA
Trujillo, Jose M., Assoc. Prof. of Pathology, B. S., Institute Nacional Panama, 1944; M. D., National Univ. of Buenos Aires Med. School, 1956.	MDA
Walborg, Jr., Earl F., Asst. Prof. of Biochemistry, B. A., Austin College, 1958; Ph. D., Baylor, 1962.	MDA
Zimmerman, Stuart O., Assoc. Prof. of Biomathematics, B. A., Ph.D., Univ. of Chicago, 1954, 1964.	MDA

FACULTY NOT PRIMARILY RESPONSIBLE FOR SUPERVISION OF DOCTORAL CANDIDATES:

Butler, James J., Assoc. Professor of Pathology, M. D.	MDA
Clark, R. Lee, Director and Surgeon-in-Chief, Prof. of Surgery, B. S., Univ. of S. Carolina, 1927; M. D., Med. College of Virginia, 1932; M.Sc. (Surgery), Univ. of Minn. Graduate School of Medicine, 1938; D.Sc. (Hon), Med. College of Virginia, 1954.	MDA
Cool, Steven J., Asst. Prof. of Neural Sciences, B. A., Trinity College, 1962; A.M., Ph. D., Univ. of Illinois, 1965, 1966.	GSBS
Copeland, Murray M., Prof. of Surgery (Oncology), B. A., D. Sc. (Hon), Oglethorpe Univ., 1923, 1955; M. D., The Johns Hopkins Univ., 1927.	MDA
Crawford, M. L. J., Asst. Prof. of Neural Sciences.	BUCM
Decker, Thomas A., Asst. Prof. of Neural Sciences, B. A., Fla. State Univ., 1962; M.Sc., Ph.D., Brown Univ., 1966, 1967.	GSBS
Dreizen, Samuel, Prof. of Dental Sciences, B. A., D. D. S., Western Reserve Univ., 1945; M. D., Northwestern, 1958.	DB

<u>Name and Title</u>	<u>Institutional Affiliation</u>
Fabre, Louis, Research Specialist, Instructor of Mental Science, B. S., Akron Univ., 1963; Ph. D., Western Reserve Univ., 1966.	TRIMS
Fenimore, David Clarke, Instructor of Mental Science, B. A., Ph.D., Univ. of Houston, 1966.	TRIMS
Jachimczyk, Joseph A., Prof. of Forensic Pathology, M. D., Univ. of Tenn., 1948; LL.B., Boston College, 1958.	HC
Joiner, Gary, Asst. Prof. of Veterinary Med. and Surgery, M. S., Univ. of Michigan, 1967; D.V.M., Texas A & M, 1962.	MDA
Luna, M. Armando, Asst. Prof. of Pathology, B. S. M. D.	MDA
Mabry, John H., Asst. Prof. of Neural Sciences, B. S., M. A., Univ. of Houston, 1957, 1960; Ph.D., Arizona State, 1963.	GSBS
McKinney, Ben C., Assoc. Dean of Dental Branch, Prof. of Preventive Dentistry, B. S., LL.B., D.D.S.	DB
Meharg, Louis S., Asst. Prof. of Biomedical Engr., B. S., M. S., Ph. D., Texas, 1957, 1960, 1965.	GSBS
Migliore, Philip J., Asst. Professor of Pathology, B. S., M. D.	MDA
Moreton, Robert D., Asst. Director and Prof. of Radiology, B. S., M. D., Univ. of Tenn., 1938.	MDA
Olson, John V., Dean and Prof. of Restorative Dentistry, M. S., F.A.C.D.; D. D. S., Univ. of Mich., 1936.	DB
Orengo, Antonio, Asst. Prof. of Biochemistry, B. A., Liceo Vittorio Emanuele Univ., Naples, 1948; M. D., Univ. of Naples, 1955.	MDA
Siegfried, John Barton, Asst. Prof. of Neural Sciences,, A. B., Univ. of Rochester, 1960; M. S., Ph. D., Brown Univ., 1962,1967.	UH
Simpson, John, Asst. Prof. of Biochemistry, Ph.D., Rice, 1965.	DB
Smith, Willard N., Asst. Prof. of Parasitology, B. A., M. A., Ph.D., Univ. of Maryland, 1966.	DB
Vogel, James J., Asst. Prof. of Biochemistry, Ph. D., University of Wisconsin, 1961.	DB

KEY TO ABBREVIATIONS:

BUCM Baylor University College of Medicine

DB The University of Texas Dental Branch at Houston

GSBS The University of Texas Graduate School of Biomedical Sciences at Houston

HC Harris County

MDA The University of Texas M. D. Anderson Hospital and Tumor Institute at Houston

R Rice University

TRIMS Texas Research Institute of Mental Sciences

UH University of Houston

Respectfully submitted,

Sumter S. Arnim
 Sumter S. Arnim, Ph.D.,
 D e a n

THE UNIVERSITY OF TEXAS
GRADUATE SCHOOL OF BIOMEDICAL SCIENCES AT HOUSTON
DIVISION OF CONTINUING EDUCATION

November 14, 1968

Dr. Harry H. Ransom, Chancellor
The University of Texas System
Austin, Texas 78712

Dear Doctor Ransom:

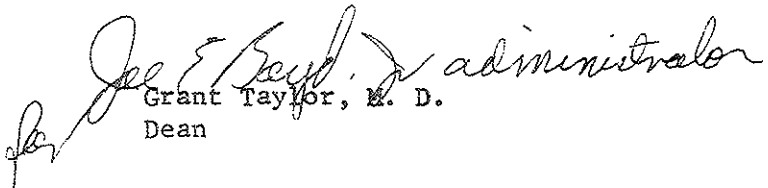
The following docket is submitted for your approval and presentation to the Board of Regents at its meeting in Austin, Texas, on December 13 and 14, 1968:

BUDGET CHANGES:

1968-69

1. Transfer of Funds. Transfer of funds in the amount of \$72,275.07 from Unappropriated Surplus to Special Equipment to reappropriate for the 1968-69 fiscal year funds appropriated by the 60th Legislature. These funds were initially appropriated by Senate Bill No. 15 of the 60th Legislature, Regular Session, 1967 and were reappropriated by House Bill No. 5 of the 60th Legislature, First Called Session, 1968. (RBC 8)

Respectfully submitted,


Grant Taylor, M. D.
Dean

THE UNIVERSITY OF TEXAS
SCHOOL OF PUBLIC HEALTH AT HOUSTON

November 14, 1968

Dr. Harry H. Ransom,
Chancellor
The University of Texas
Austin, Texas 78712

Dear Doctor Ransom:

The following docket is submitted for your approval and presentation to the Board of Regents at its meeting in Austin, Texas on December 13 - 14, 1968:

GIFTS: I recommend acceptance of the following gift and that the appreciation of the Board be sent to the donor by the Secretary: D H F

	<u>Donor</u>	<u>Purpose and Condition</u>	<u>Amount</u>
1.	Pennzoil United, Inc. 900 Southwest Tower Houston, Texas 77002	Salary Support For Dean of the School of Public Health at Houston	\$5,000.00

BUDGET CHANGES: The following budget changes are submitted for your approval and presentation to the Board of Regents at its meeting in Austin, Texas on December 13 - 14, 1968.

1968-69

Teaching, Service and Research

Pathobiology

1. Appointment. Dr. John E. Scanlon, Professor of Medical Entomology, (New Position No. 8) at \$19,000.00 per annum, effective March 1, 1969. Source of funds for this appointment is Reserve from Salaries Account. (RBC 4)

Environmental Health

2. Appointment. Richard K. Severs, Teaching Associate (Position 7) at \$9,000.00 per annum, effective September 15, 1968. Source of funds for this appointment is the Reserve for Salaries Account. (RBC 1)

Chronic Diseases

3. Appointment. Dr. William E. Poel, Visiting Associate Professor of Chronic Diseases (1/2 Time) (Position 1) at \$8,500.00 per annum, effective November 15, 1968, from budgeted position. (RBC 3)

Epidemiology

4. Appointment. Wilbur L. Smith, Research Associate (Position 2) at \$11,000.00 per annum, effective October 1, 1968. (RBC 2)

Respectfully submitted,

for Joe E. Boyd, Jr., administrator
Reuel A. Stallones, M. D.,
Dean