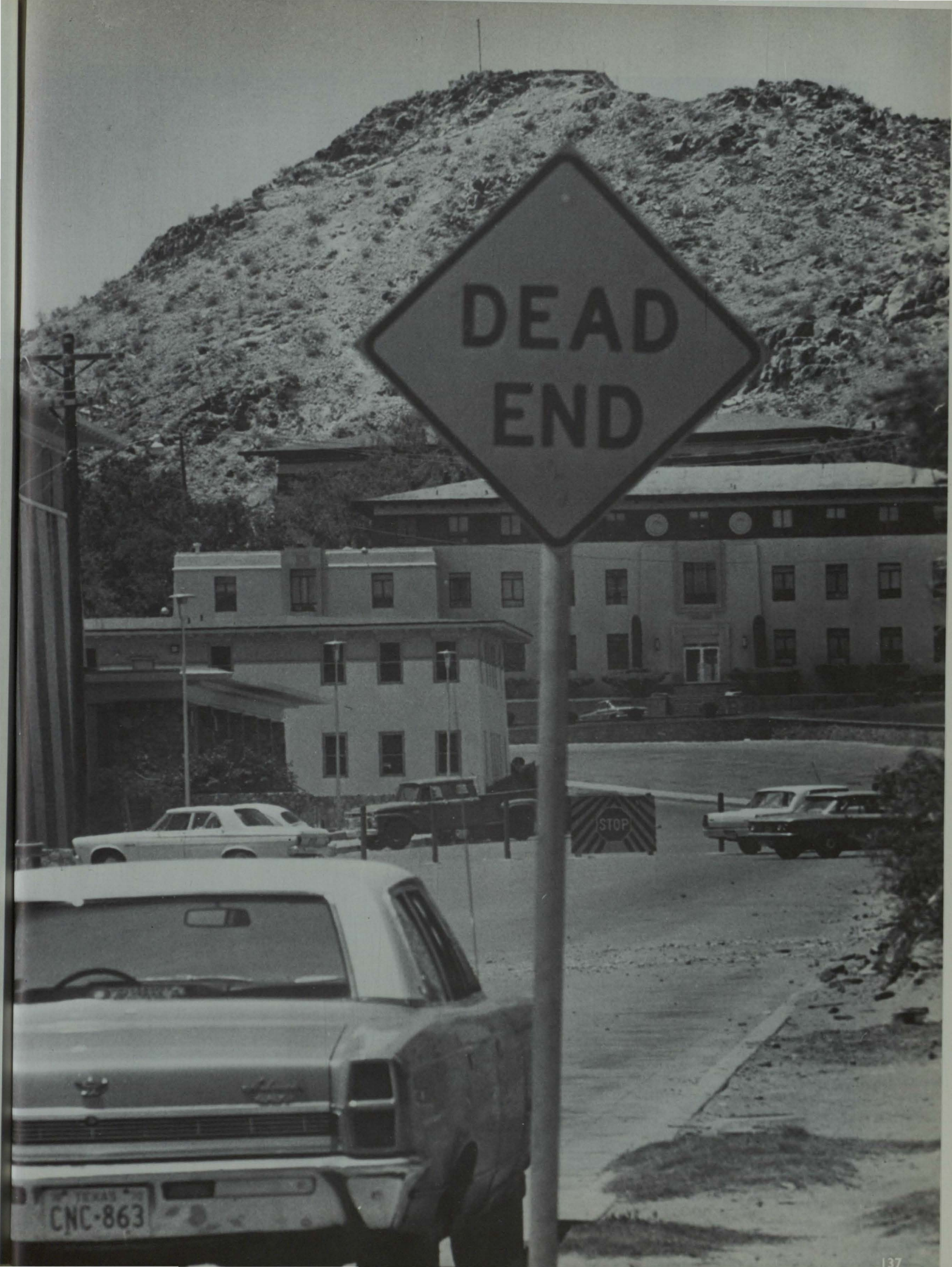


academics

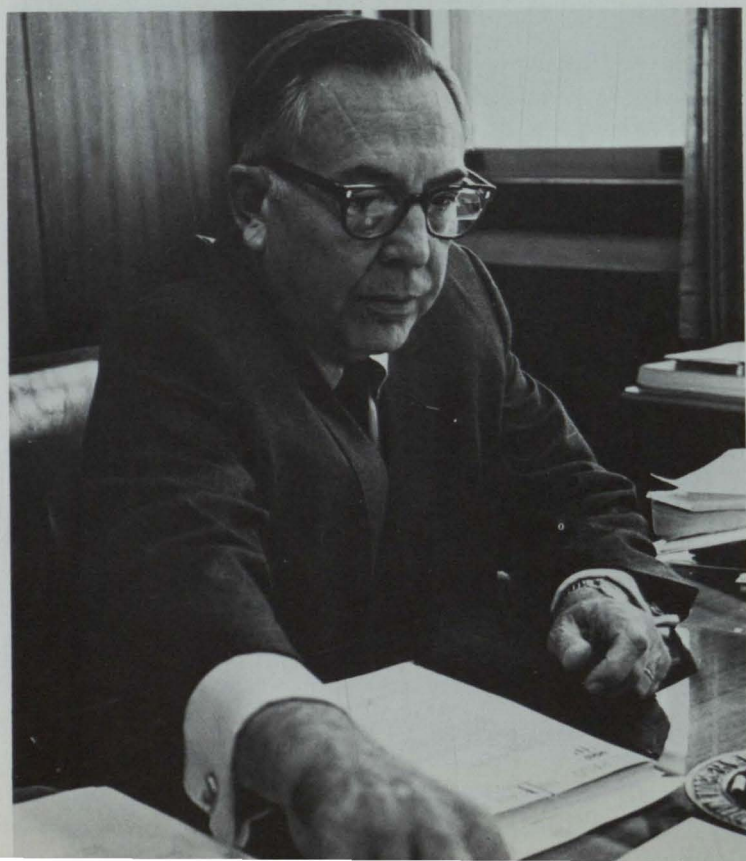
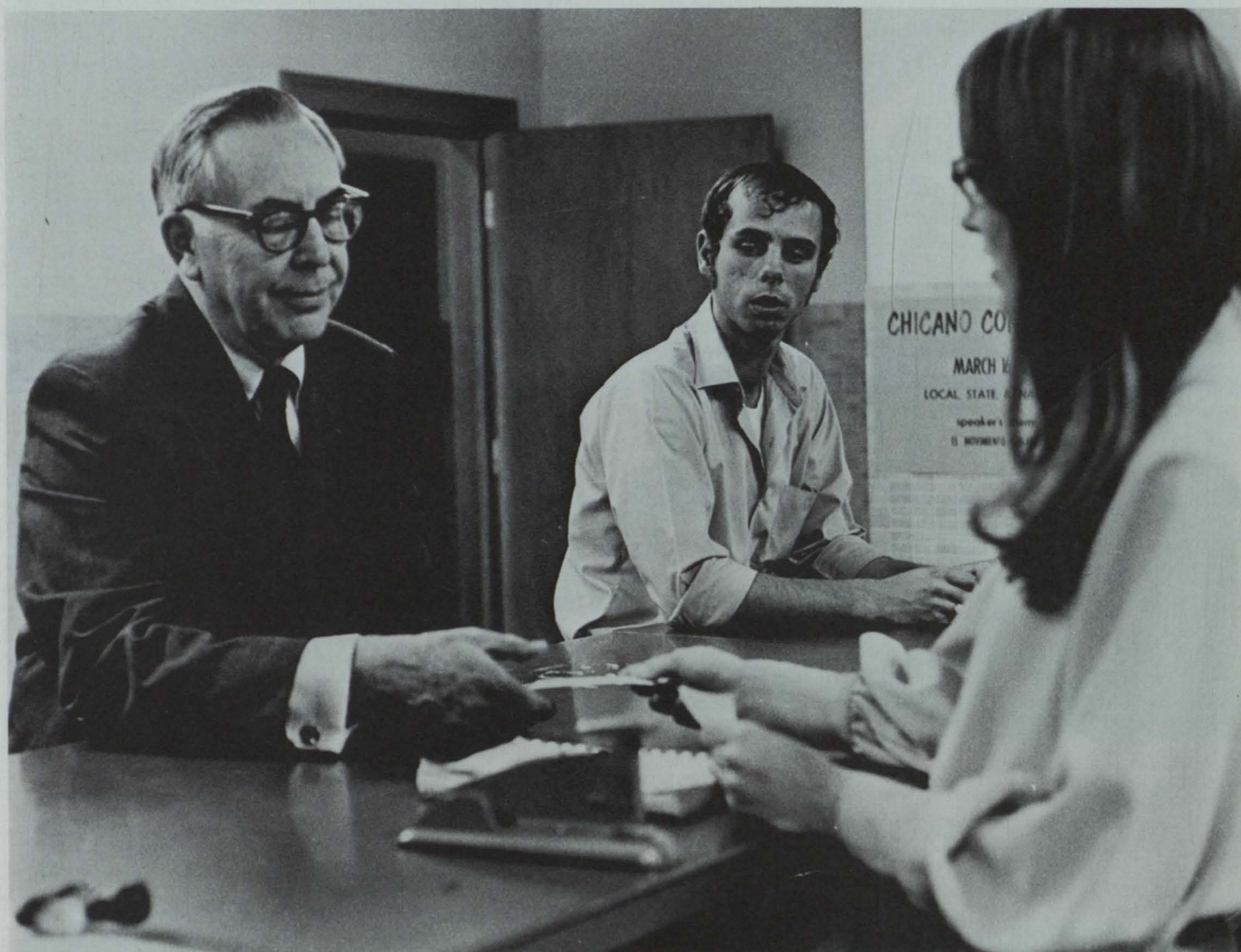
vital students with a new
freedom to learn,
but old professors
with old ideas
soon snuff out that
short flash of creativity —
and the muses laugh
as we are drawn
to the siren's song
of new buildings
and a championship team,
towards academic oblivion —







President Joseph R. Smiley



Dr. Joseph R. Smiley, President of The University of Texas at El Paso, shows the optimistic dedication typical of his character when he feels that there is a lot in the making for U.T. El Paso in the coming years. Dr. Smiley discussed some of the exciting new curricula by planning expanded graduate programs with a definite step toward a doctor's degree. He states that we are also looking forward to the early establishment of a section or a branch of the school of nursing. On the building side, the next major project is a center for the Fine Arts. The administration deals with considerations of curricular changes, continuously reviewing the course requirements and prerequisites. Dr. Smiley is also eagerly awaiting the new calendar which will allow students to finish the fall semester before Christmas holidays beginning in the 1971-72 school year. The President has also served as President of The University of Texas at Austin and University of Colorado. He received his A.B. in French and German and his A.M. in French literature.

Vice-Presidents

Dr. Milton Leech, Vice-President for Academic Affairs, feels we are constantly looking for new ways to make teaching and learning more effective and pertinent to the student, to make his education more important for him, and to help make that student a better member of a rapidly changing society. As examples of the new programs being planned for students, Dr. Leech cites the request for a new department of linguistics, the recently approved programs in Black studies and Mexican-American studies, and requests for graduate work at both the Master's and Doctoral level. He says that about 25 new teaching positions will be added to the present faculty for the academic year beginning in September, 1970. Dr. Leech received his education at the University of Texas at Austin where he earned his Ph.D. in Drama and Education. He first came to U.T. El Paso in 1949 as an instructor in the Department of English, Speech, and Drama.



Dr. Milton Leech



Mr. Marshall Pennington

Mr. Marshall Pennington, Vice-President for Business Affairs, helps with the improvement of business procedures of the administration and the new building programs. From 1936-1944, Mr. Pennington served as business manager and coach at the then College of Mines. After his return from active naval duty, he returned to the college and served as business manager. Later he became the assistant to the president. He left his position to join the administration at Texas Tech, then returned to rejoin the administration at U.T. El Paso on November 1, 1969. Expressing pleasure at his return, Mr. Pennington says that it is a great pleasure to renew old acquaintances and to meet new members of the faculty and staff.



Mr. Steele Jones and Mr. James Bacon



Mrs. Joy Riley

Assistants to the President



DEAN OF STUDENTS — Jimmy R. Walker

ASSISTANT DEAN OF STUDENTS — Lawrence Hamilton

Deans





ASSISTANT DEAN — Louise Resley

ASSISTANT DEAN — Ralph A. Liquori





BUSINESS MANAGER — Halbert G. St. Clair



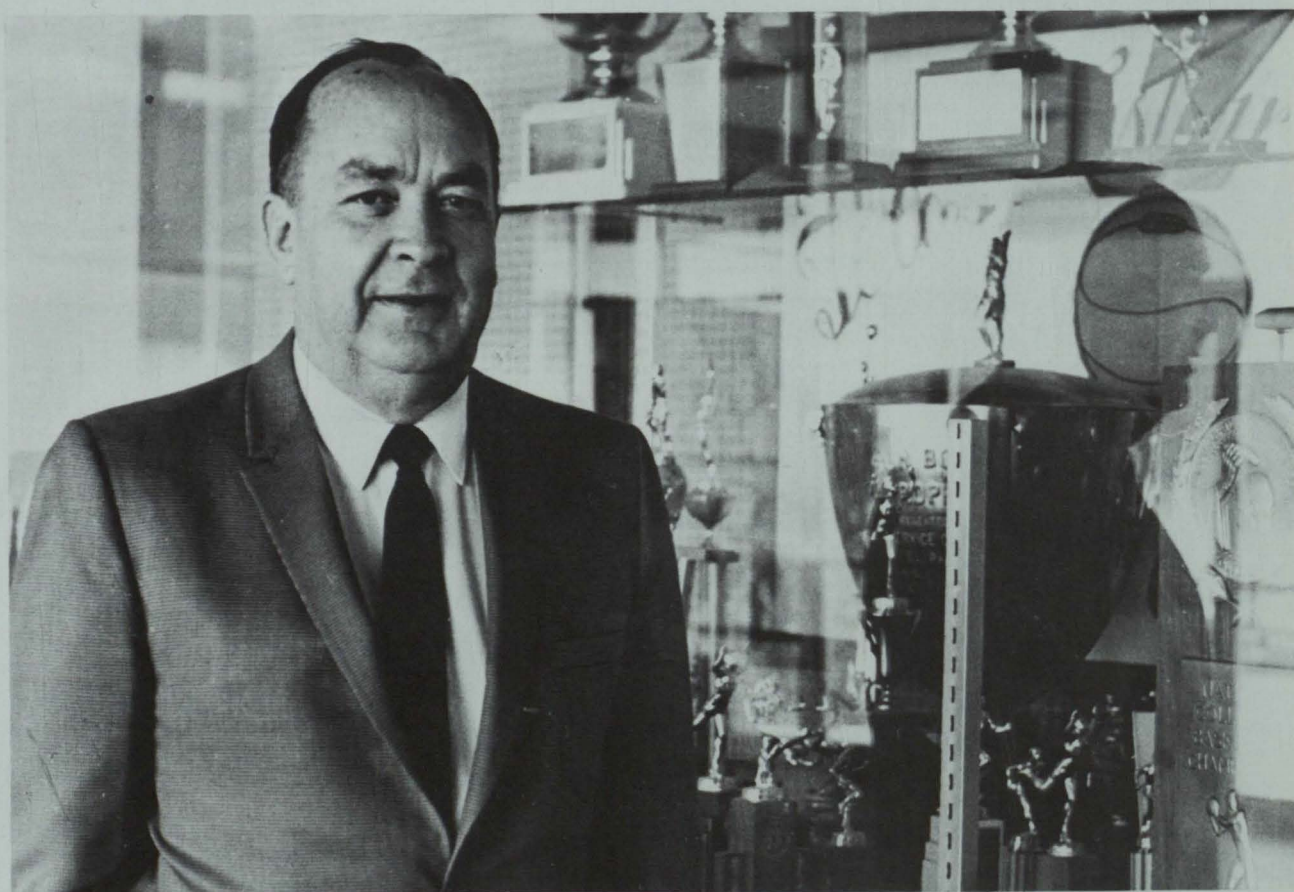
REGISTRAR AND DIRECTOR OF ADMINISTRATION — Clarence J. Ceryenka



DIRECTOR OF FINANCIAL AID AND PLACEMENT — John T. Evans



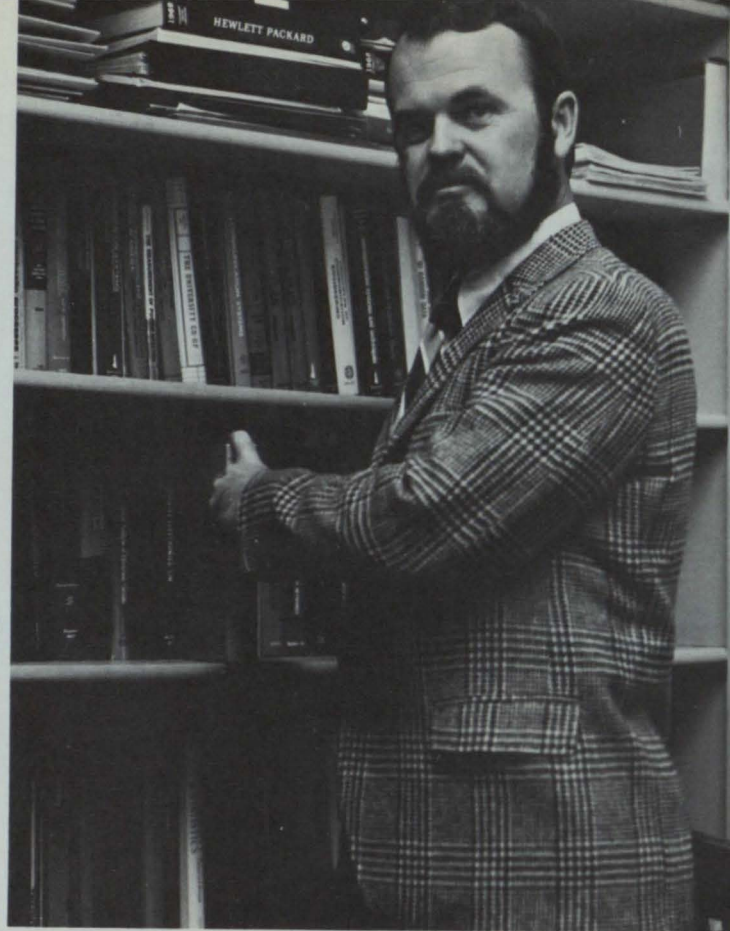
DIRECTOR OF STUDENTS ACTIVITIES — Tom Chism



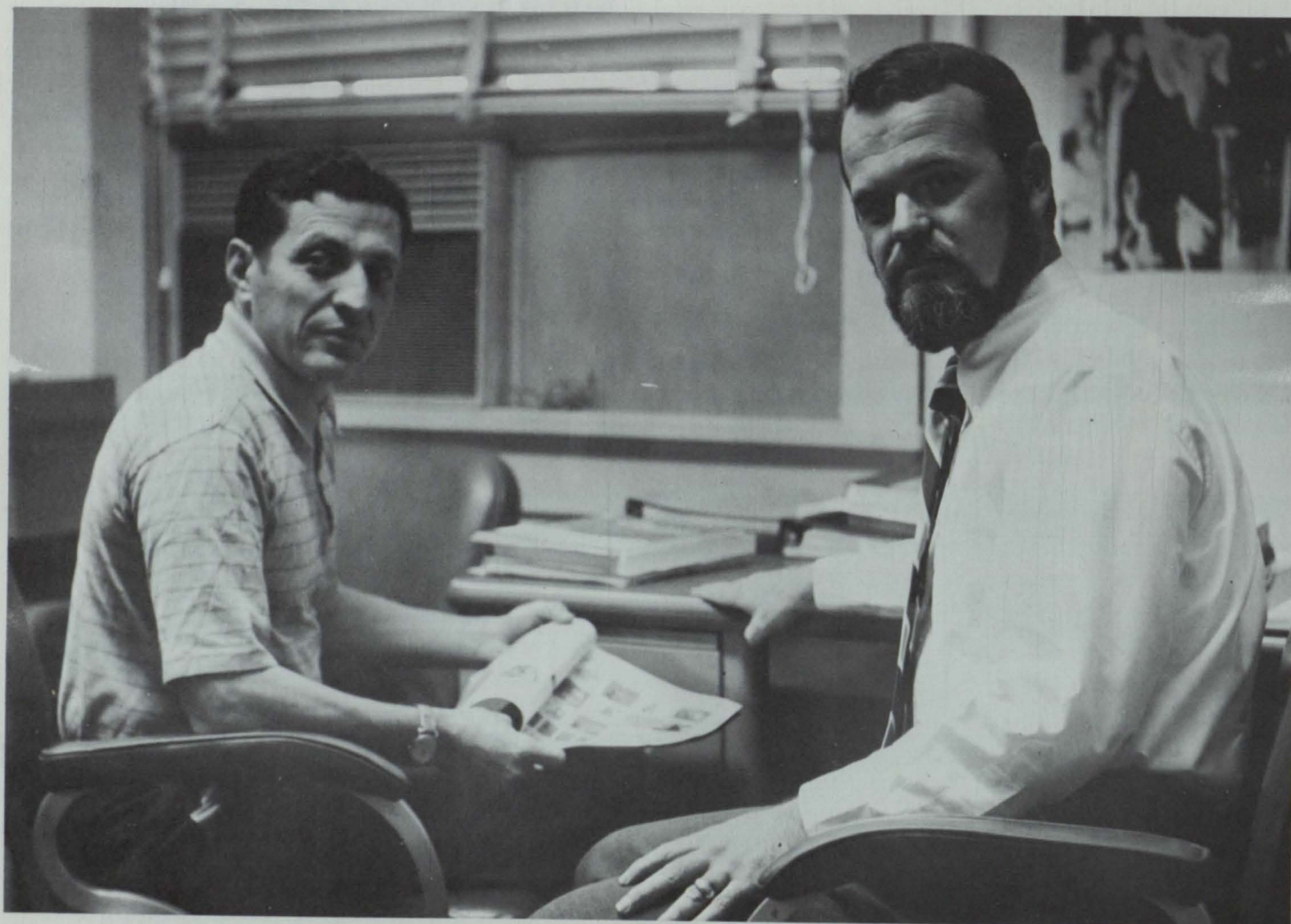
DIRECTOR OF ATHLETICS — George C. McCarty

Outstanding Faculty Member Graduate School Dr. Michael Austin

Outstanding Faculty member from the Graduate School is the young associate professor, Dr. Michael Austin. He has been the Graduate Advisor for the Electrical Engineering Department for over a year. He also serves as the Chairman of the Graduate Committee of the School of Engineering. To add to his busy schedule, Dr. Austin is the faculty advisor of Tau Beta Pi, honorary Electrical Engineering organization. Dr. Austin has investigated the Doctoral Program in a joint committee of the School of Engineering and Physics Department. He hopes that a Doctoral Degree can be offered by the fall of 1971.



Dr. Michael Austin



Graduate School

Dr. Kenneth E. Beasley heads the Graduate School. He has been its dean since February 1, 1968. One of Dean Beasley's many duties is to coordinate the graduate work of the various departments. The Graduate School has no faculty of its own. All of the professors who teach graduate courses are hired by the academic dean. If the professor is qualified to teach graduate courses, he is made part of the "graduate faculty." Each department which offers graduate work chooses its own graduate advisor. The Graduate School became a unit of the University of Texas system-wide Graduate School on September, 1964. Since then the school has grown considerably. At present, eighteen departments offer graduate work. Plans have begun to increase the number of Master Degrees offered and preliminary plans are being discussed to offer Ph.Ds.



DEAN OF THE GRADUATE SCHOOL — Kenneth E. Beasley

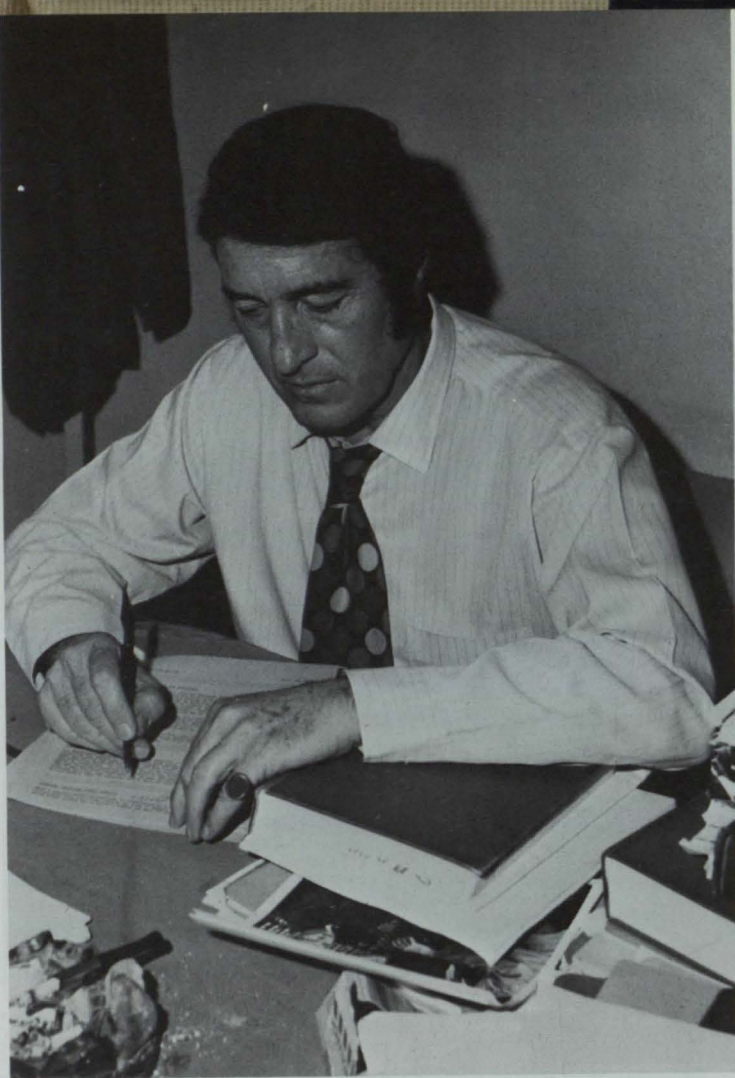
Graduate Advisors



Thomas G. Barnes — Physics Advisor

Edgar T. Ruff — Modern Language Advisor

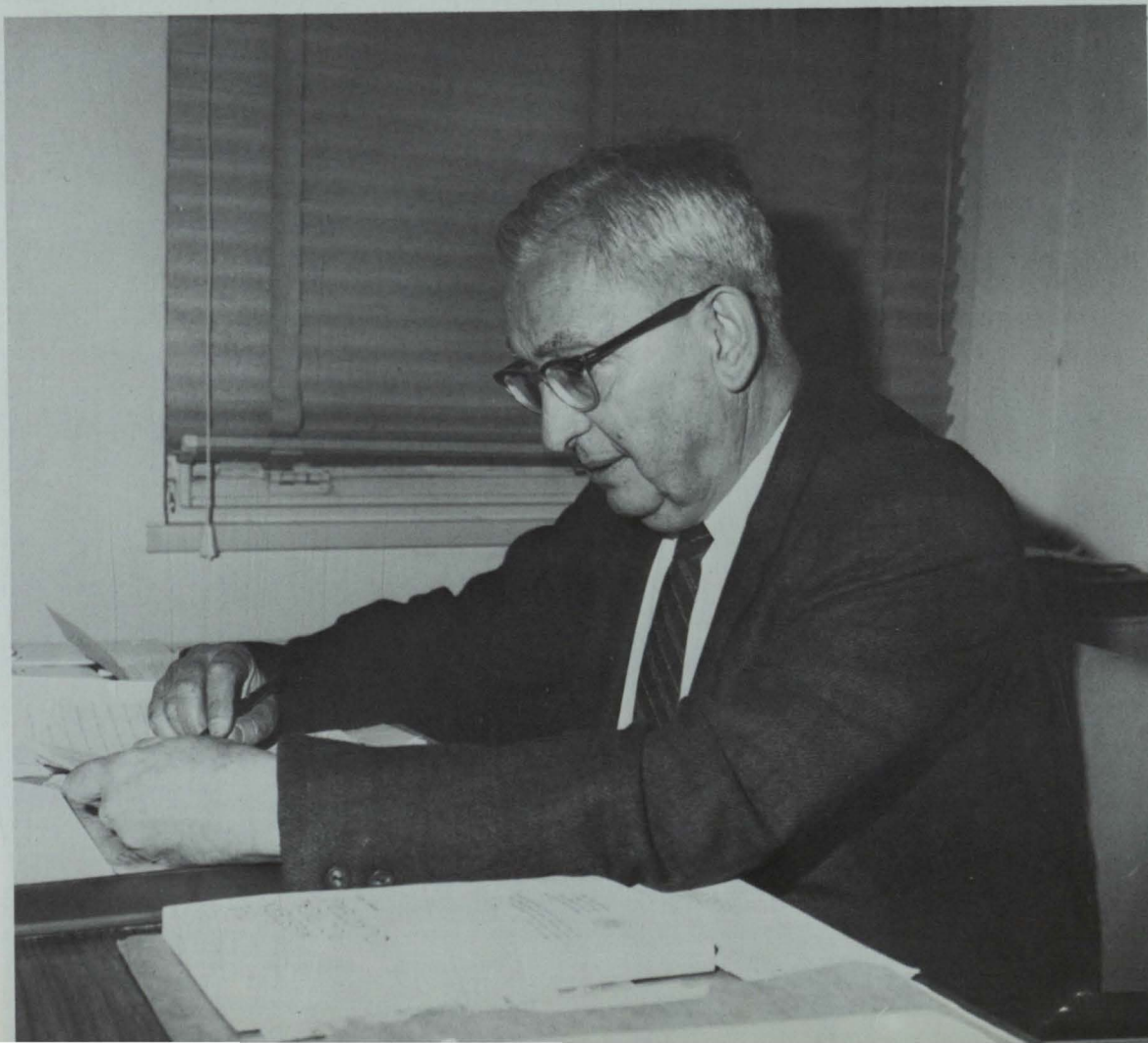




Dr. Edward Richeson — English Advisor

Graduate Advisors

Dr. Thomas Cook — Political Science Advisor



Outstanding Faculty Member School of Business Mrs. Gertrude Dawson

Mrs. Gertrude Dawson was selected as the outstanding faculty member from the school of business. She has taught at U.T. El Paso for five years. She currently teaches administrative services and shorthand. Administrative services, a course in business communication, was originated by Mrs. Dawson and she has helped to develop it into a meaningful course. Mrs. Dawson feels that the teacher should be a friend to the student as well as an instructor. Because of this attitude, many students feel free to turn to Mrs. Dawson for help with their problems, whether academic or personal.



Mrs. Gertrude Dawson





DEAN OF SCHOOL OF BUSINESS — John M. Richards



ASSISTANT DEAN — L. Phillips Blanchard

School of Business

The School of Business Administration, headed by Dean John Richards, was set up in September, 1967, as one of the five schools constituting U.T. El Paso. The Business School began in 1931 with the establishment of a combined Business and Economics Department, which separated in 1935 to offer majors in Economics or Business Administration. In 1946, the Bachelor of Business Administration Degree was authorized. The four basic divisions of the School are Business, Economics-Finance, Accounting, and the Bureau of Business and Economic Research. The School awards only the BBA Degree; however, the School of Liberal Arts awards a BA Degree in the major areas of Business and Economics-Finance. The objectives of the School of Business Administration are to prepare students for personally fruitful and socially useful careers in business and related types of activity. The basic needs of the business student are the ability to adjust to the technologically and socially changing world, the ability to communicate, the ability to solve problems, and the ability to get along with other people.

Accounting — Business

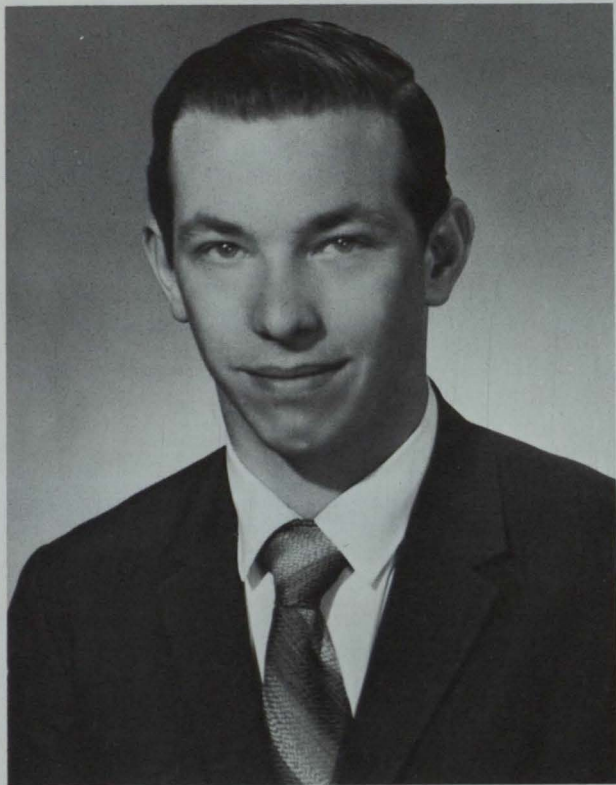
Mr. Gerald R. Bovard heads the Accounting Department, under whose leadership the department was created three years ago. A Master's proposal has been drafted and Mr. Bovard hopes that, by September, 1971, the department can offer the degree. Dr. Jesse F. Pickrell currently heads the Business Department at the University. A student may obtain either a Bachelor's Degree or a Master's Degree. The Business Department has several areas of concentration. Among them are: 1) General Business, 2) Business Law, 3) Marketing, 4) Office Management and Business Education, 5) Personnel Management and Industrial Relations, 6) Production Marketing and 7) Statistics and Quantitative Analysis.



Gerald R. Bovard — Accounting Head

Jesse Pickrell — Business Department Head





Robert N. Chaplin

Economics and Finance

Dr. Paul Fenlon is head of the Department of Economics and Finance. An economics and finance major can either get his B.A. or M.A. Degree. This department offers a variety of courses, such as development of economics, national income analysis, business cycles, and forecasting.

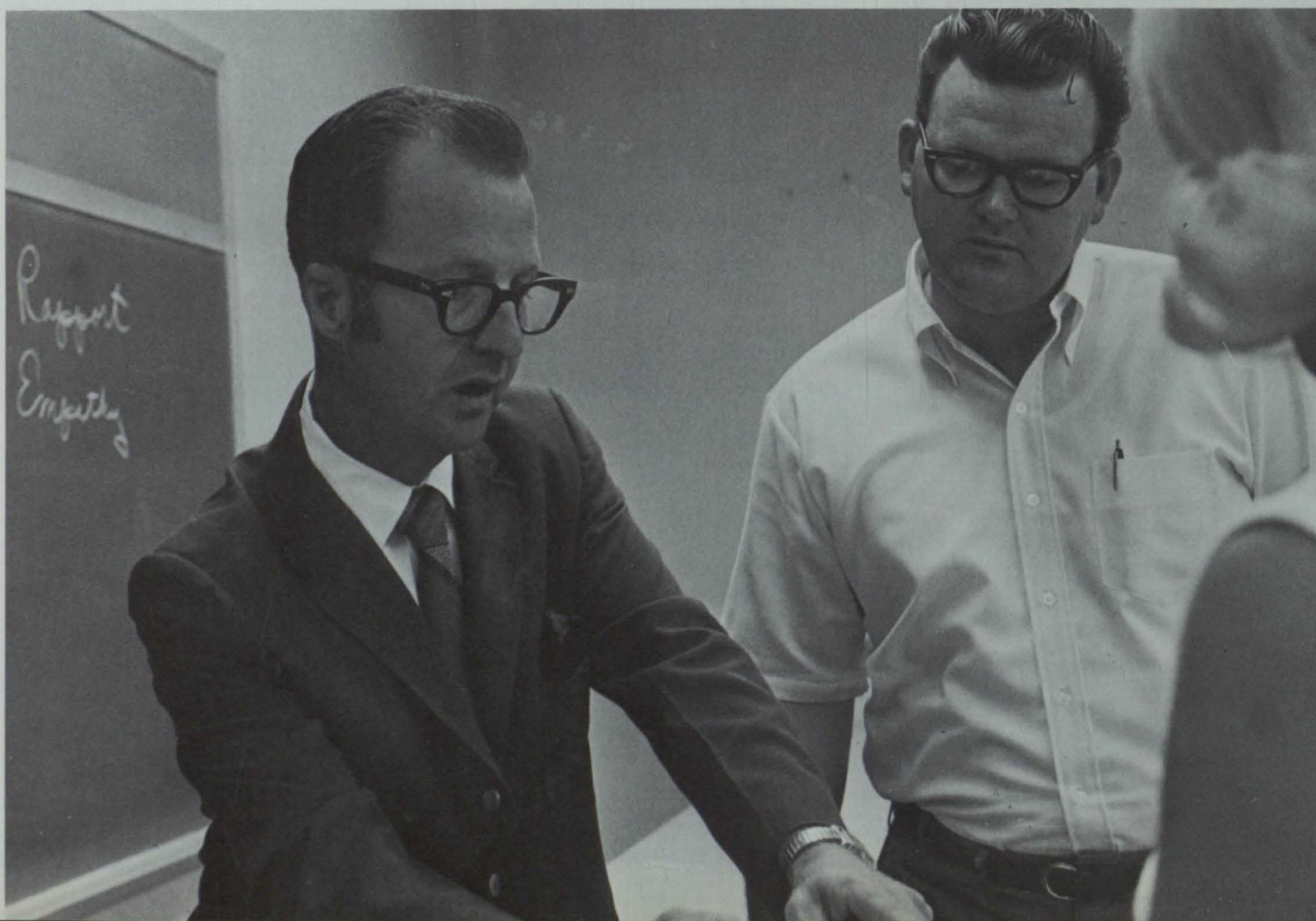
Paul Fenlon — Department Head



Accounting
Economics
Psychology
Sociology

Outstanding Faculty Member
School of Education
Dr. Hilman Wagner

Dr. Hilman Wagner was selected Outstanding Faculty Member from the School of Education. He has been teaching for 20 years and this is his fourth year at U.T. El Paso. Dr. Wagner feels that our youth are highly intellectual and are the first generation of real thinkers. He expressed his views by stating that they want to know why and how, rather than accept things blindly. In addition to his teaching duties, Dr. Wagner is the sponsor of Delta Phi, the honorary educational society.





DEAN OF THE SCHOOL OF EDUCATION — John W. McFarland

School of Education

John McFarland has been the dean of the School of Education since the school was first created two years ago. Previously, the school was one of the departments under the School of Arts and Science. A new building is being erected for the school which will also provide for some space for the School of Engineering. The building will have special facilities and rooms to aid the students in their courses. Four separate departments constitutes the School of Education which are Curriculum and Instruction, Educational Psychology and Guidance, Health and Physical Education, and Administration and Supervision. In addition to a Bachelor's Degree, the School offers a Master's Degree in Science, Arts or Education. Most of the graduate courses are offered by the Administration and Supervision department.



ASSISTANT DEAN — William Barber

Curriculum Department

The Curriculum and Instruction Department of the School of Education prepares students for teaching fields in Elementary or Secondary Education, Library Services, and Reading. Graduate courses are taught under the Educational Administration Department. The total education of the prospective teacher is the objective of the University's teacher training program which emphasizes the development of ethical and moral character as well as proficiency in the use of basic skills. Both departments are directed by the Dean of the School of Education.



Dr. William G. Barber

Health and P.E. Department

The Health and Physical Education Department concerns itself with the understanding of individual and community health problems. It is under the very capable direction of Mr. Ben Collins.



Ben Collins

Dr. Carl Walker

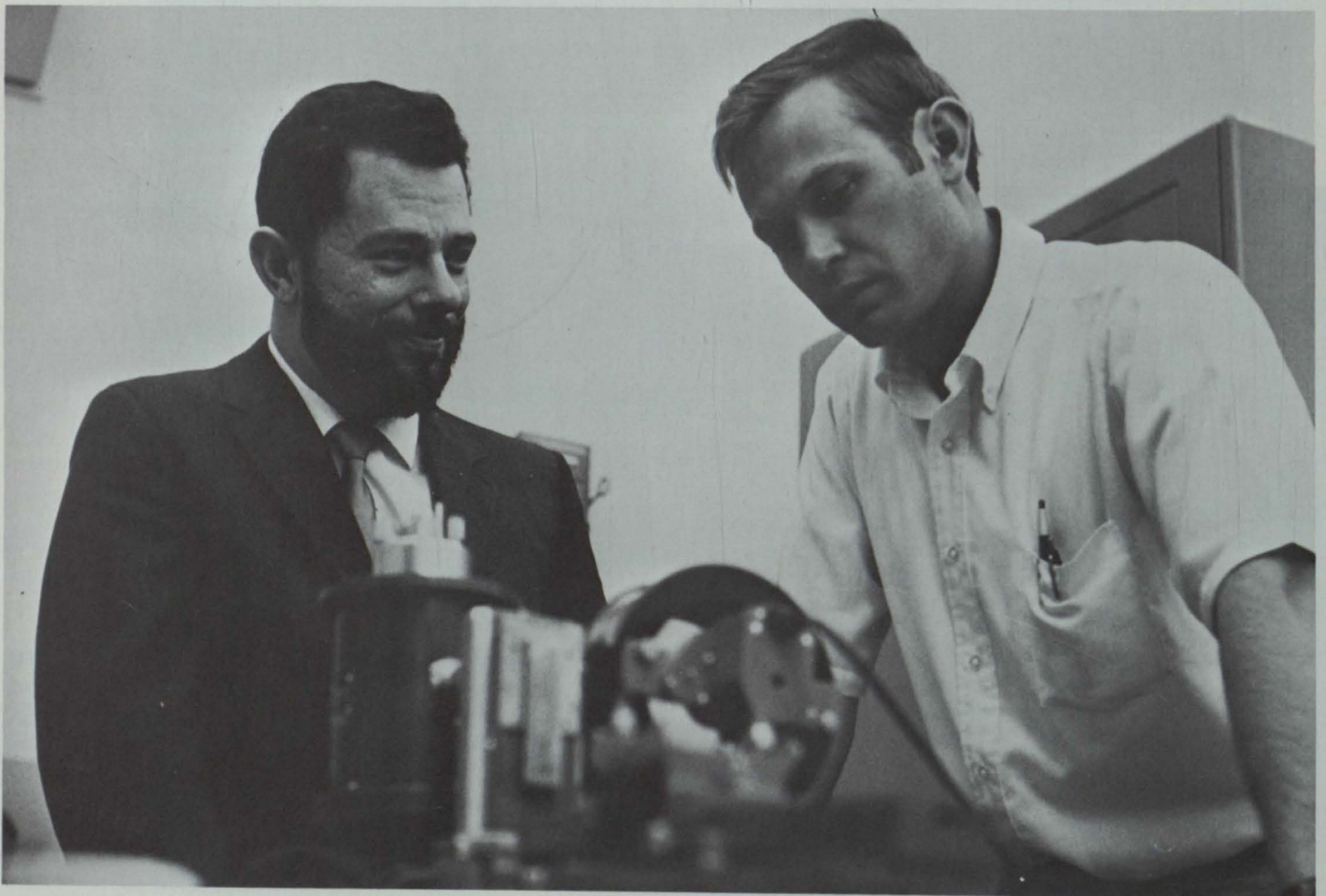


Educational Psychology and Guidance Department

The Educational Psychology and Guidance Department, headed by Dr. Carl Walker, devotes itself to the study of the learning process with applications of psychological principles and knowledge to education practices.

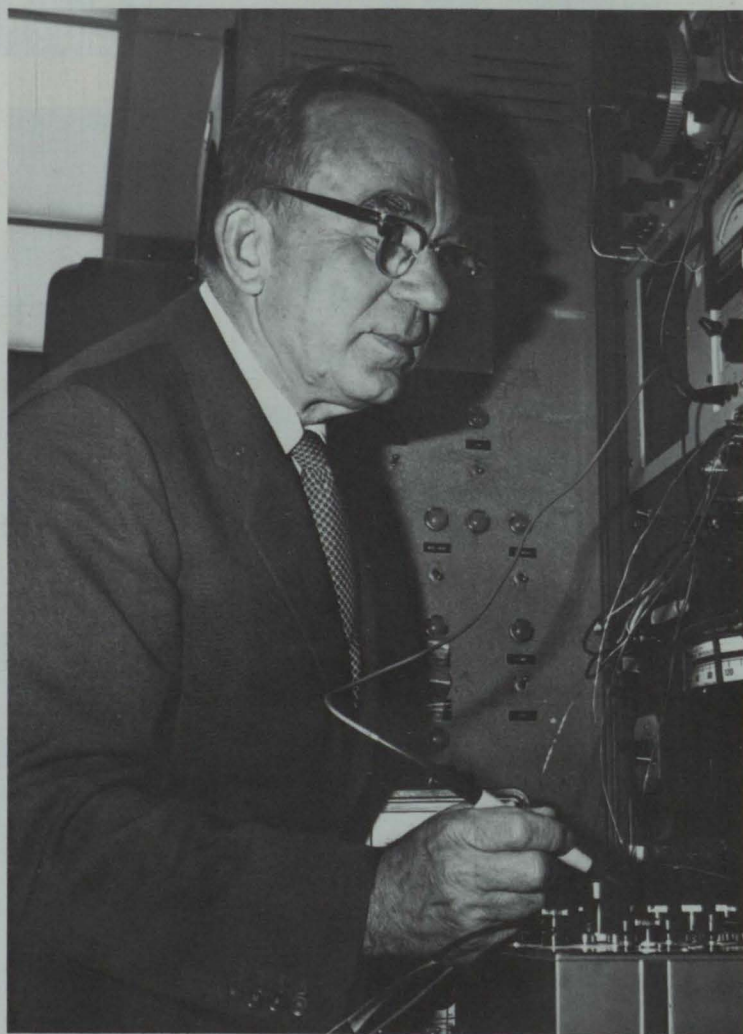
Outstanding Faculty Member School of Engineering Dr. Frank E. Rizzo

Dr. Frank E. Rizzo was selected outstanding faculty member for the School of Engineering. He has been at U.T. El Paso for about two years, where he teaches thermodynamics, material science, kinetics, and chemical engineering. Dr. Rizzo's description of a good professor is one who excites his students to recognize the challenge involved in learning. He feels the importance of helping individual students; he also feels that a good professor is a good student and much more. Dr. Rizzo motivates the student to learn and teaches him the joy of learning.





DEAN OF THE SCHOOL OF ENGINEERING — Donald P. Kedzie



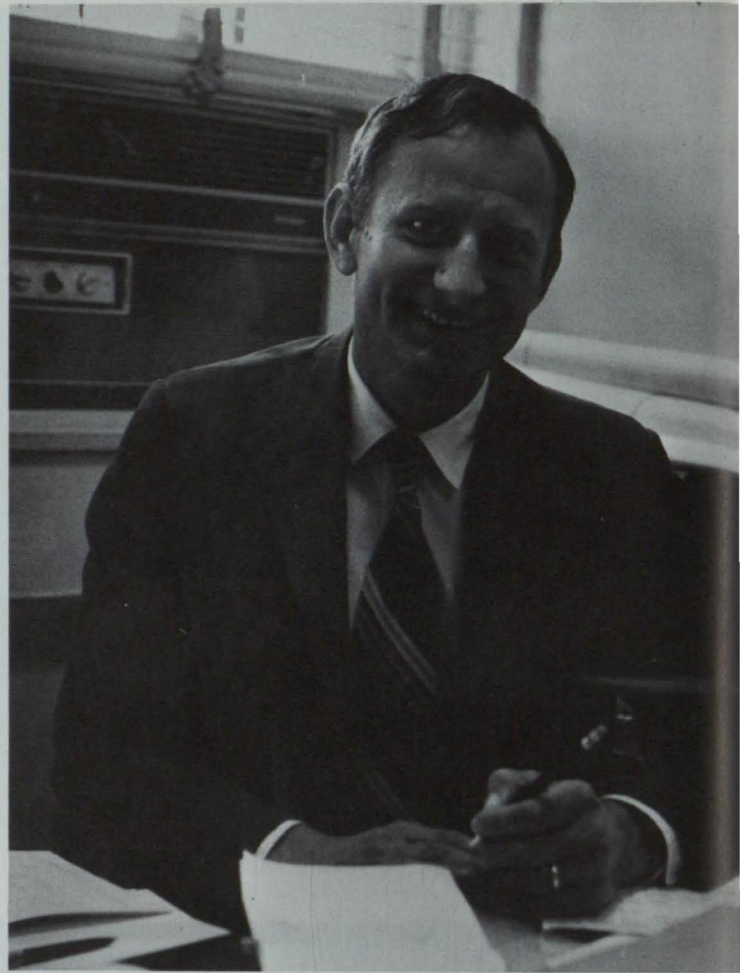
HEAD OF SRL — Dr. Joseph Lambert

School of Engineering

Since September 1, 1969, Dr. Donald P. Kedzie has been the acting Dean for the School of Engineering. The school is divided into four departments which are Civil Engineering, Electrical Engineering, Mechanical Engineering, and Metallurgical Engineering. The school is the oldest school in the University. The Texas Legislature created the School of Engineering in 1913 as the Texas School of Mines and Metallurgy. The Metallurgical department became accredited in 1947, while Civil and Electrical were accredited in 1965, and Mechanical was accredited in 1966. The Schellenger Research Laboratories under the guidance of Dr. Joseph Lambert, is part of the Engineering School. It is intended to promote and encourage research in electricity. They specialize in atmospheric and acoustic research and instrumentation. The staff members, students and faculty number to more than 125. These people have investigated almost all of the aspects of every parameter of the atmosphere. They have developed specialized instruments for testing and measuring these parameters. Some of the instruments have been considered for patents.

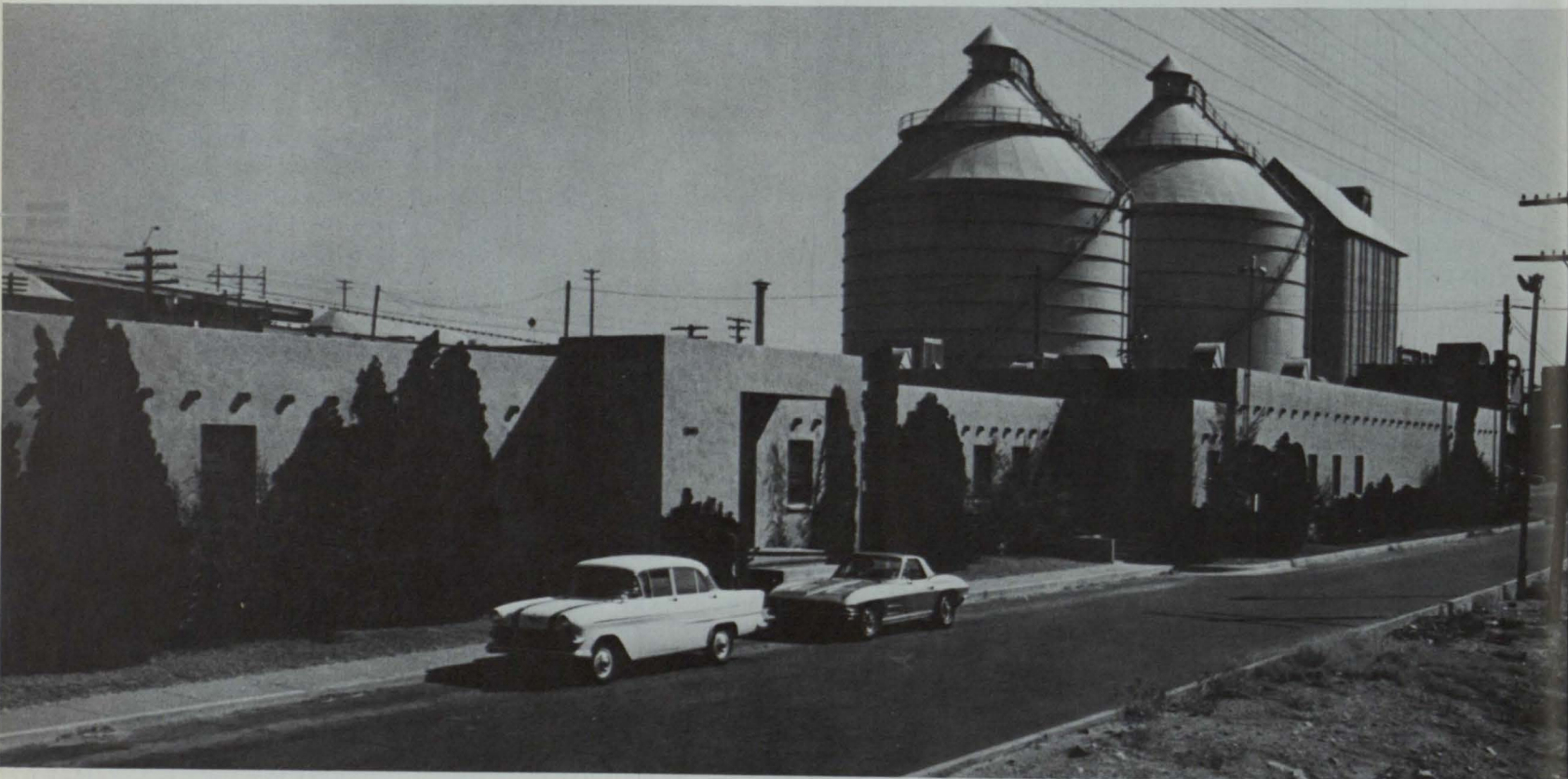
Civil Engineering

Dr. Calvin Woods is presently serving as Head of the Civil Engineering Department. A civil engineer major can obtain a B.S. or an M.A. degree. The department became accredited in 1965. It conducts several varieties of research. They study the effects that wind blowing has on stacks. But most of the research is being conducted in sewage treatment and water and air pollution. They try to find out what pollution is, where it is coming from and how it can be controlled.



Dr. Calvin Woods — Department Head

Globe-Mills — New Civil Engineering Building





Dr. Glenn Gibson, one of the many professors

Electrical Engineering

The Bachelor's Degree Program of the Electrical Engineering Department was accredited in 1965. The Master's Degree Program was initiated and approved in 1966. Dr. J. O. Kopplin has been head of the department since September, 1968. One of the Electrical Engineering Department's objectives is to develop and maintain a faculty of effective teachers. To be an effective teacher of Electrical Engineering, each faculty member must be, in part, a student in order to keep up with the rapidly changing technology of the profession. The Department is striving to bring students together on as much of an individual basis as possible particularly outside of the classroom and in the laboratory.



DEPARTMENT HEAD — J. O. Kopplin

Metallurgical Engineering

The Metallurgical Department was the first department from the School of Engineering. It was accredited in 1947. Dr. Donald Kedzie is acting department head. The department offers a variety of courses among them being introductory courses, material sciences, corrosion, non-destructive testing and many others.

Walter R. Roser — Associate Professor



Donald P. Kedzie — Metallurgical Engineering Head

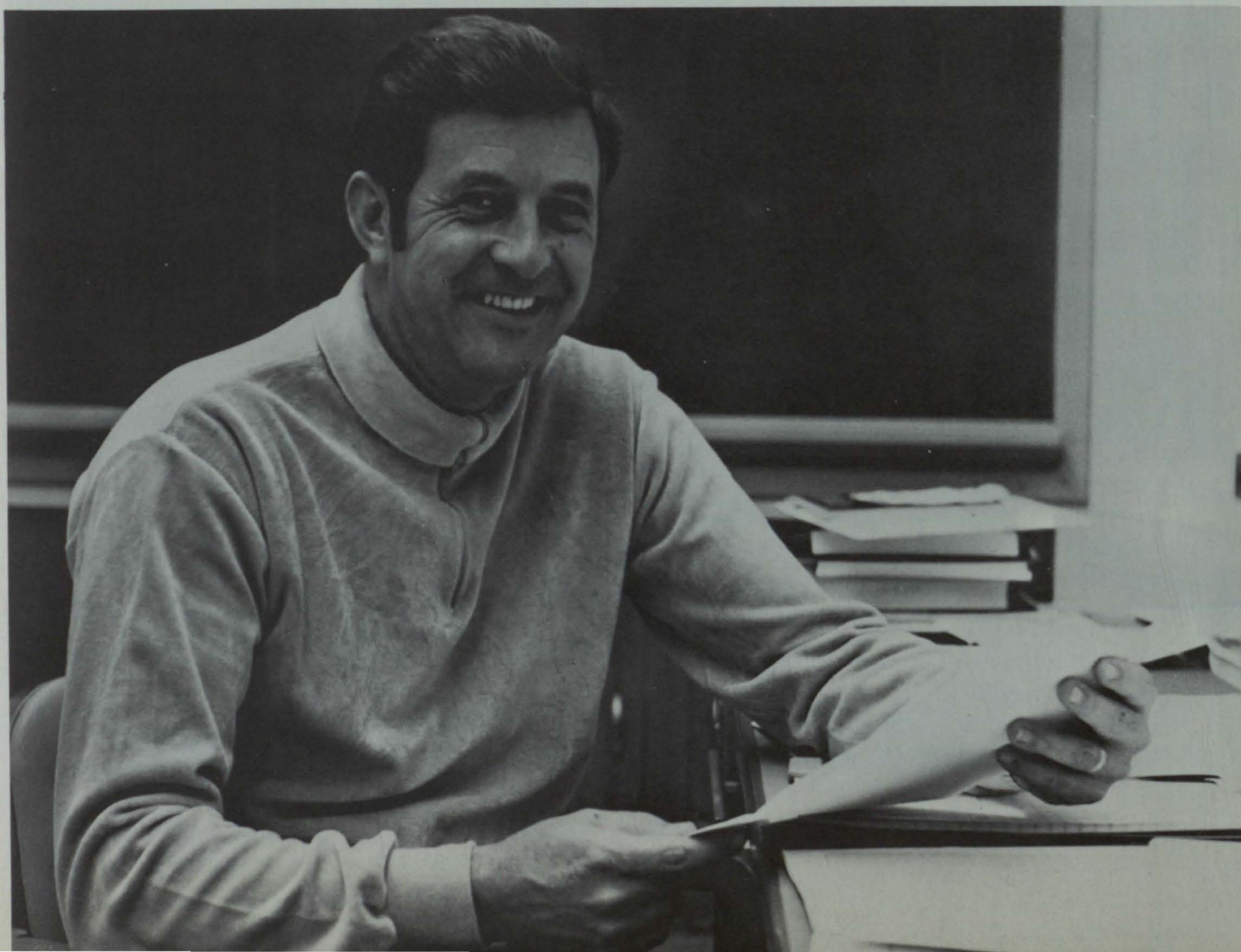




Mechanical Engineering

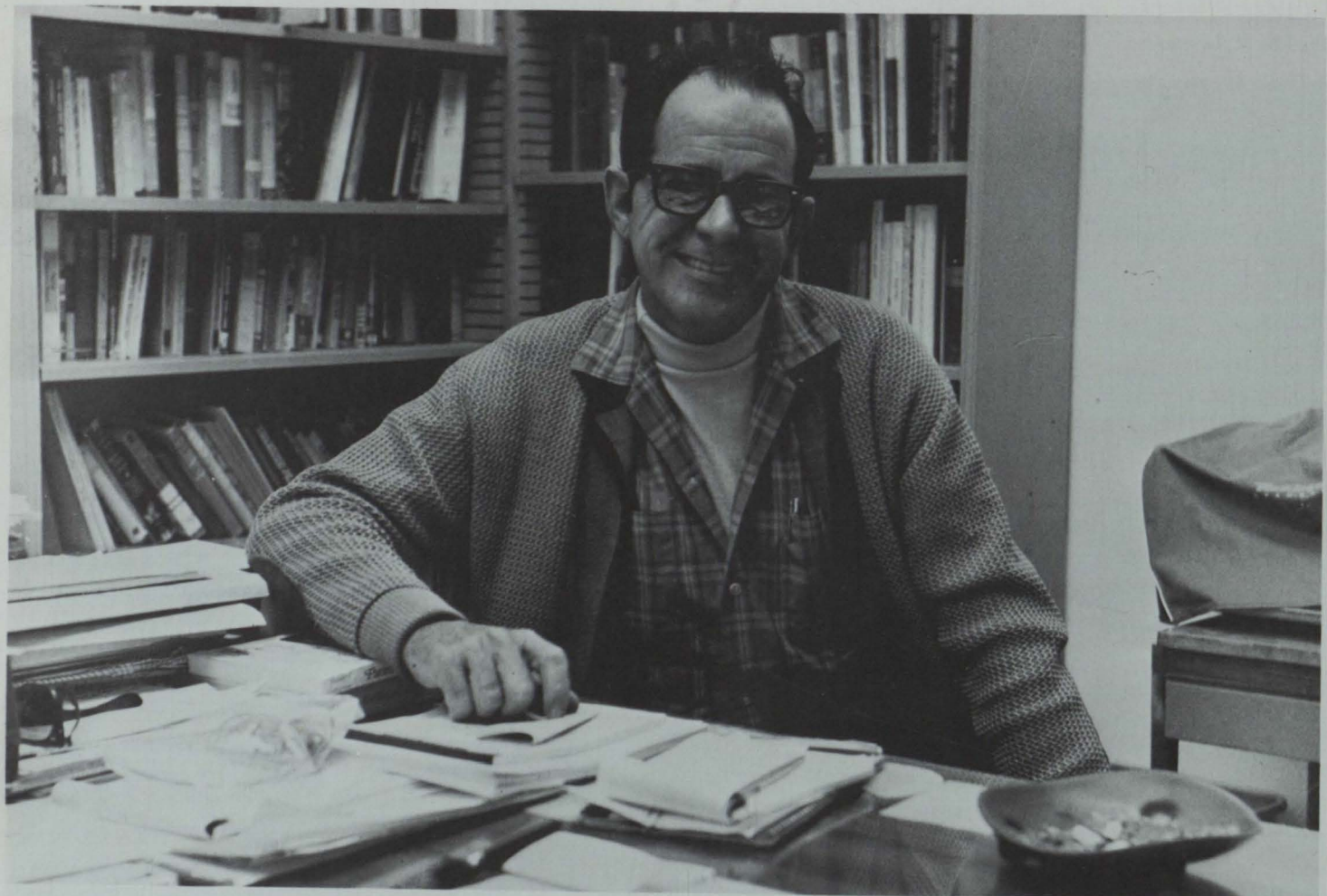
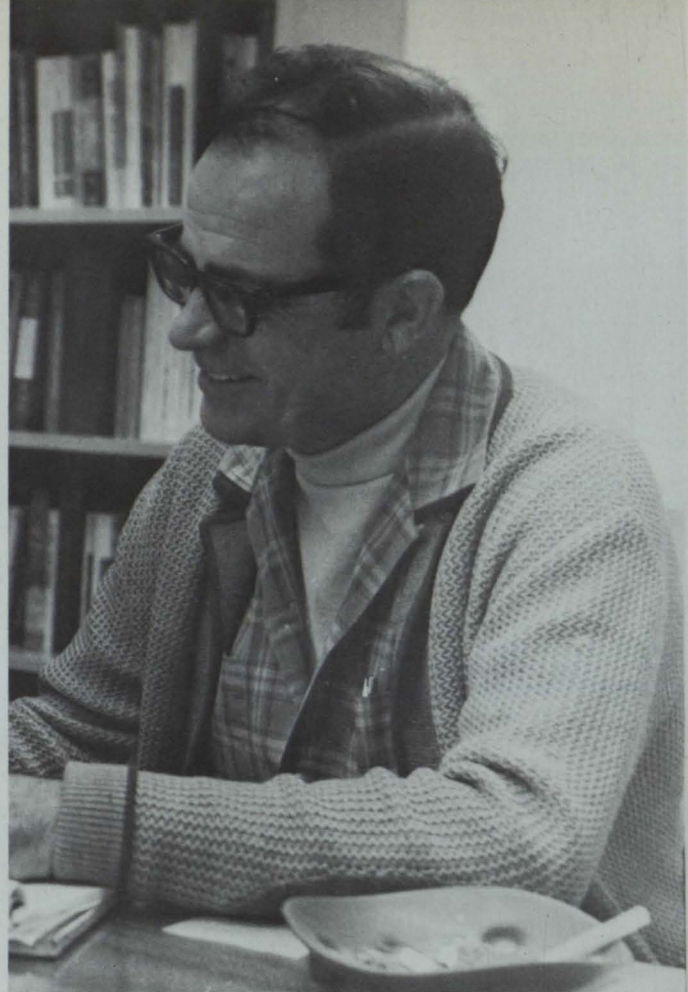
The Mechanical Engineering Department, headed by Dr. John M. Levosky, added new courses to its curriculum including classes in design and basic measurements.

Dr. John M. Levosky



Outstanding Faculty Member School of Liberal Arts Dr. John West

Dr. John West is honored in the 1970 FLOWSHEET as being the Outstanding Faculty Professor from the School of Liberal Arts. His reason for teaching is to do something worth doing. He always encourages teaching and cannot think of anything that is more fun. In order to be a teacher, he feels that you have got to be optimistic. His attitude towards teaching radiates to the student a feeling of understanding. Dr. West first came to the University seven years ago as an associate professor. During his second year of teaching, Dr. West was promoted to Departmental head.





DEAN of the SCHOOL OF LIBERAL ARTS — Ray Small



ASSISTANT DEAN — Wade Hartrick

School of Liberal Arts

Dr. Ray Small is the dean of the Liberal Arts School which is the largest school in the University. It consists of 13 departments. Two of its departments, Military Science and Bible, are considered to be part of the School although these departments are not paid by the University nor does the University hire its professors. The arts courses were first offered in 1927. It was at that time that the School first originated as the School of Arts and Sciences. In 1967, the School became known as the School of Liberal Arts. This School offers graduate work through the Graduate School. The assistant dean of the School of Liberal Arts is Dr. Wade Hartrick.

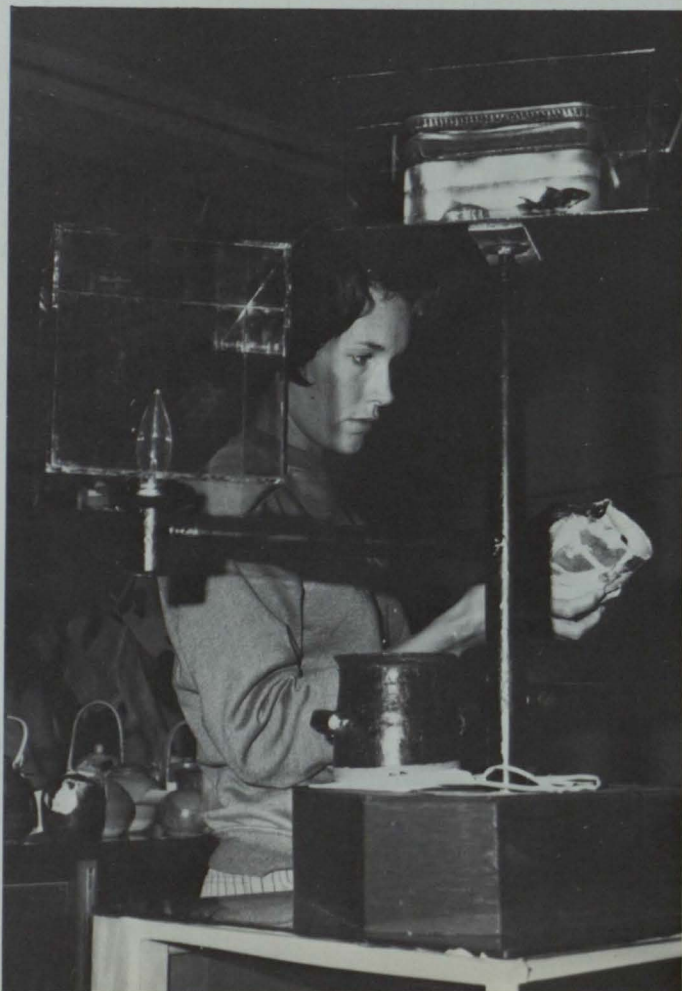


John Arnold — Assistant Professor

Art Department

Dr. Clarke Garnsey, head of the Art Department, announced that the department has applied for a Master's Degree. The department holds art exhibitions and students turn in their best work to the Union Building where they are displayed for the enjoyment of students and faculty. A purchase sometimes results from these ventures.

Sally Bishop — Art Instructor





Mrs. Jean Michuka — Associate Professor

Speech and Drama

A student majoring in Speech and Drama can major whether in drama, speech or speech pathology which teaches a person to be a speech therapist.

Dr. Ralph Culp has been the department head for two years.

SPEECH AND DRAMA DEPARTMENT HEAD — Ralph Culp



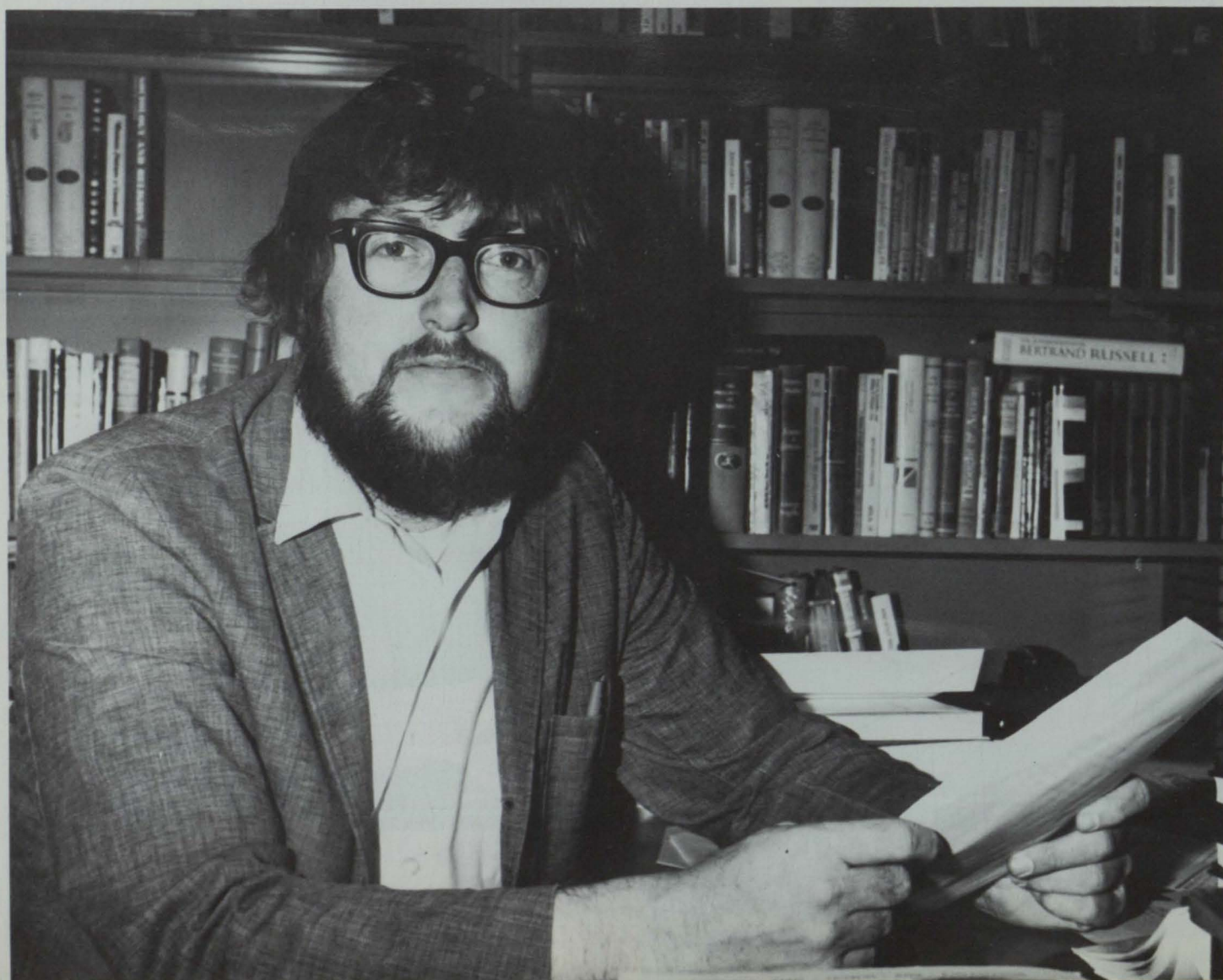
Philosophy Department

The Philosophy Department was once united with the Psychology Department but they separated approximately five years ago. The Philosophy Department is headed by Dr. John H. Haddox. A student wishing to major in Philosophy first takes an introductory course on the history of Philosophy. Then the student proceeds to take seminars. The emphasis is put on Latin America Philosophy and Social Philosophy. According to Dr. Haddox, in about one and a half years, the Philosophy Department plans to offer a Master's Degree.



DEPARTMENT HEAD — Dr. John H. Haddox

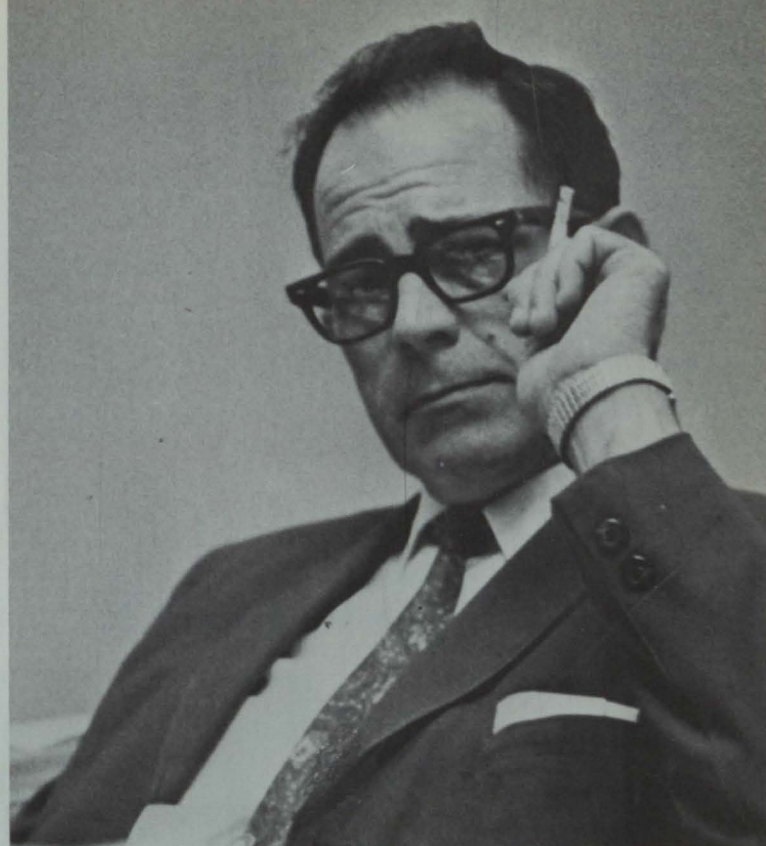
DR. DAVID HALL — Associate Professor



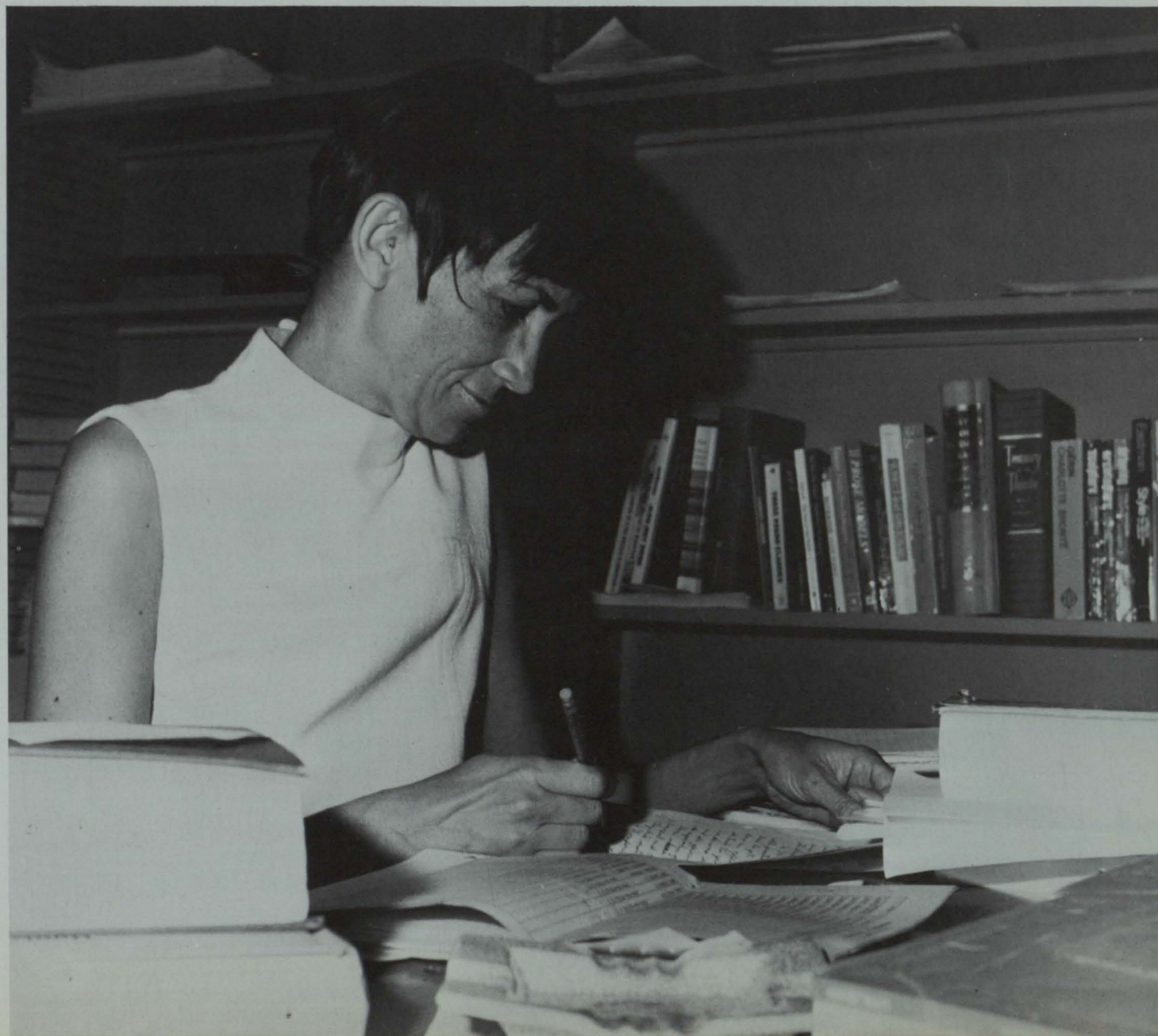
English Department

The English Department, under the direction of Dr. John West, offers a variety of subjects ranging from American literature to world literature. Among the special subjects taught by the department is one course entitled "English for Foreign Students." The basic idea of this program is to teach foreigners how to use and understand the English language. It is taught by using linguistic principles rather than the old-fashioned way of teaching grammar. The program was first initiated by Dr. Ray Past.

Pat Esslinger

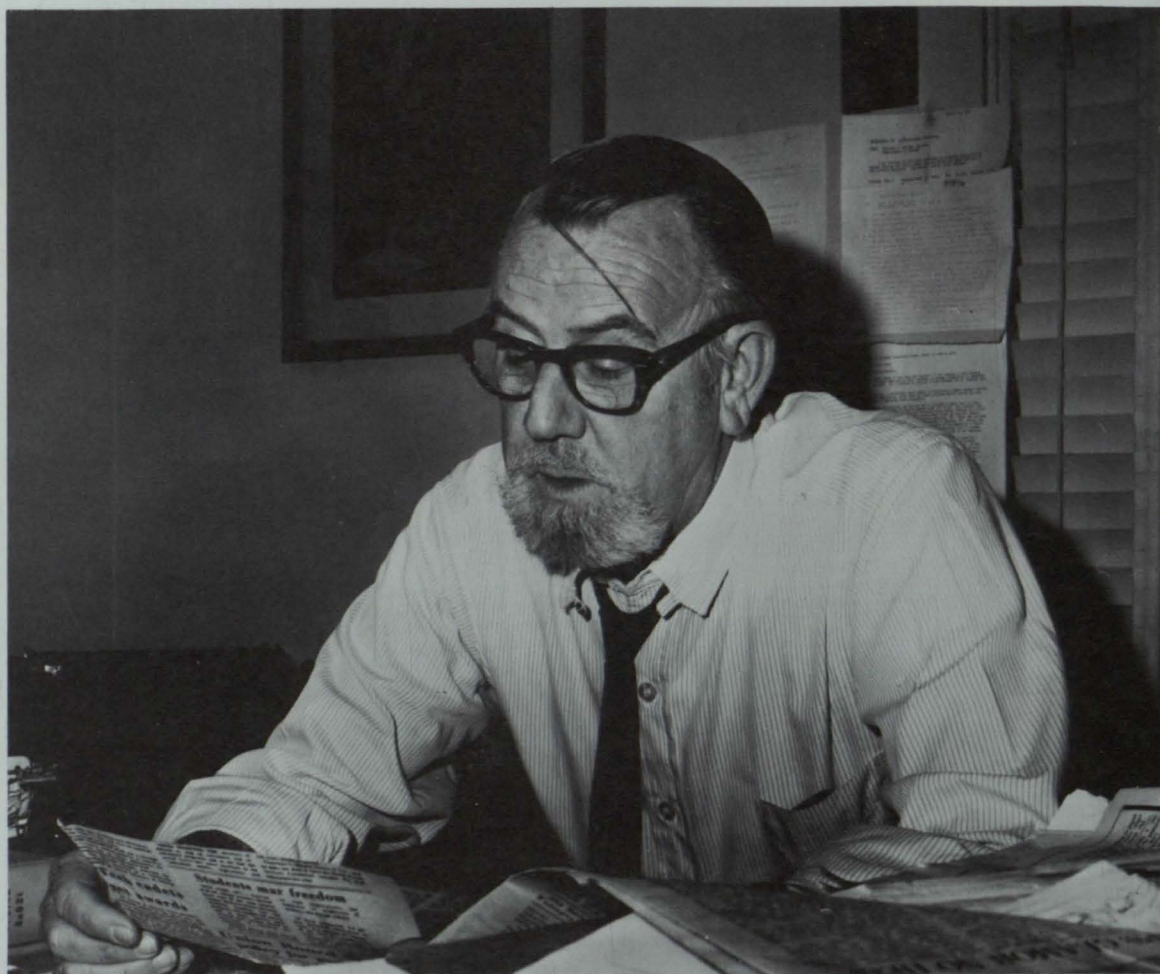


Dr. John West



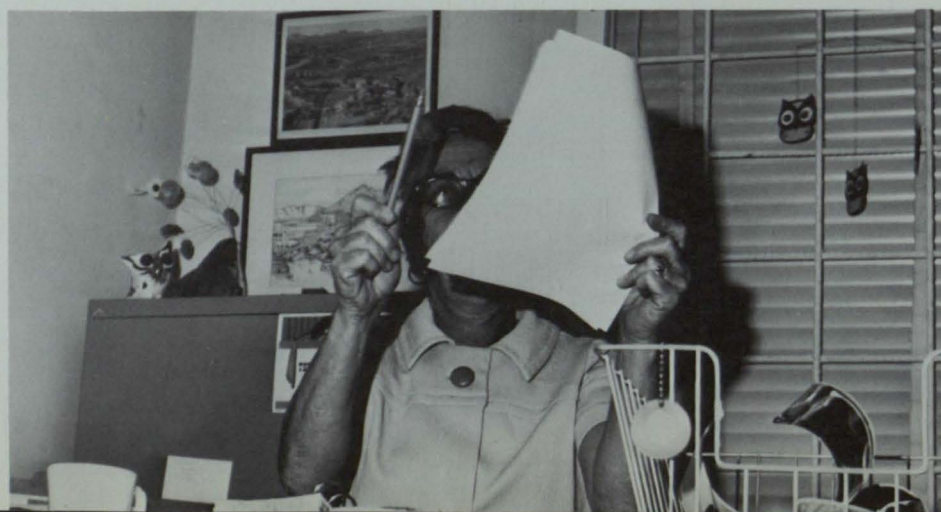
Journalism Department

During the twelve years that Mr. John Middagh has been head of the journalism department, the department has increased in size. There are more journalism majors and there is a wider variety of courses being offered, especially in the photography department. The Journalism Department at U.T. El Paso was created in 1940.



JOURNALISM DEPARTMENT HEAD — John J. Middagh

Mrs. Jean Ponsford — Secretary





Edward B. Jasuta, Instructor

Radio-Television Department

The Radio-Television Department of U.T. El Paso has been under the supervision of Professor Virgil Hicks since 1945, when he established the department. Mr. Ben Jasuta controls the two radio stations which are operated by U.T. El Paso: KTEP (FM) and KVOF (AM). KVOF is confined to campus, but KTEP can be picked up throughout the city. Professor Hicks establishes the policies by which the stations are run.

RADIO-TELEVISION DEPARTMENT HEAD — Virgil C. Hicks



Wilson Brown, Instructor



HEAD OF MODERN LANGUAGES — Dr. G. Ayer

Modern Languages

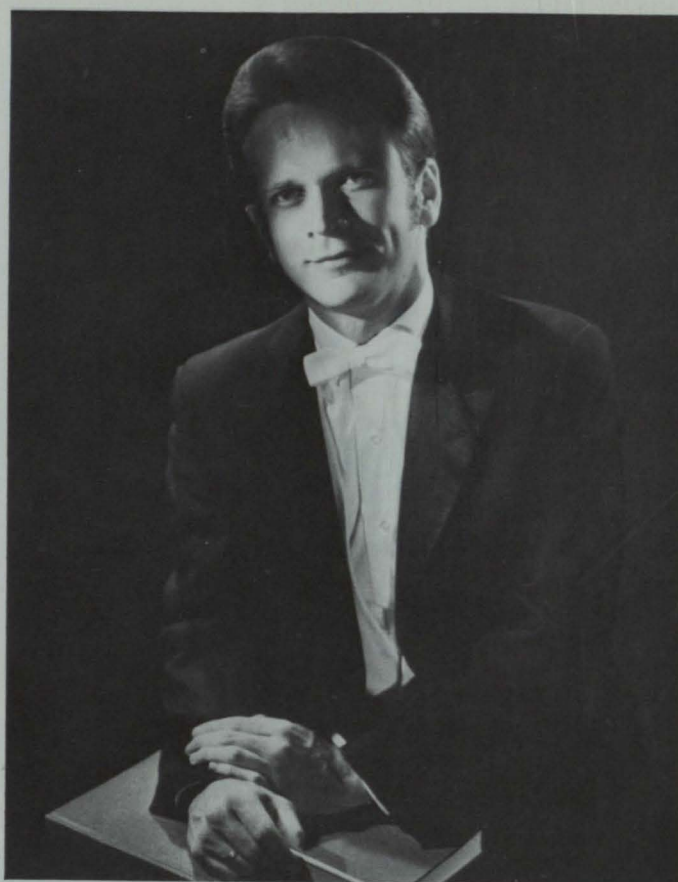
The Modern Language Department under the direction of Dr. G. Ayer offers five languages: Spanish, French, German, Russian, Latin, and Japanese. Beginning in the 1970-1971 school year, the department will begin to offer Portuguese. However, this course will be open only to students who already have a knowledge of the Spanish language.

MODERN LANGUAGE PROFESSOR — Dr. William Russell



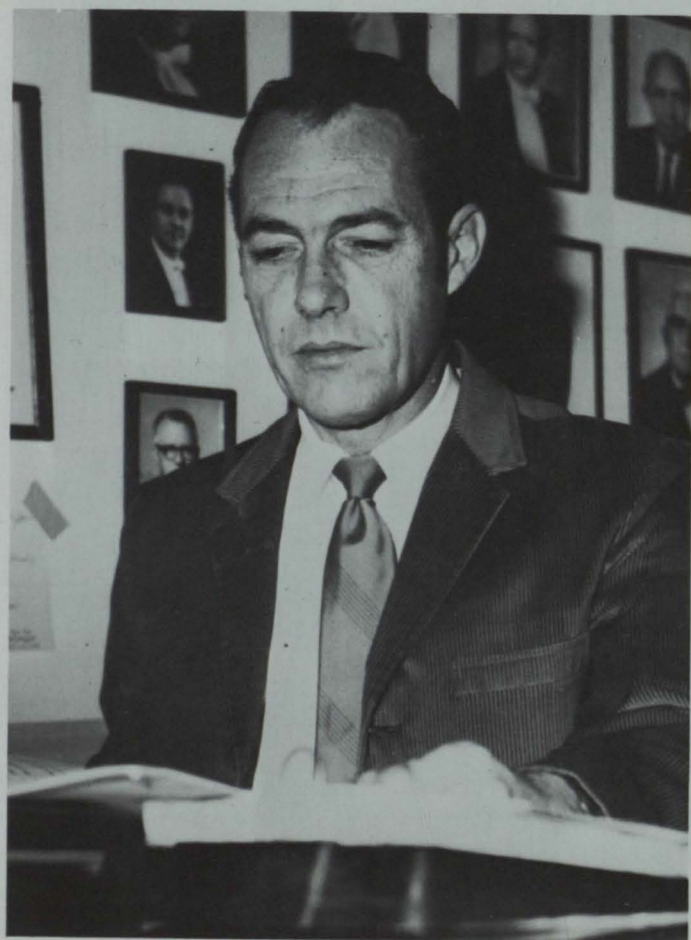


Hugh Cardon — Choir Director



Laurence Gibson — Orchestra Director

Harold L. Hillyer — Band Director

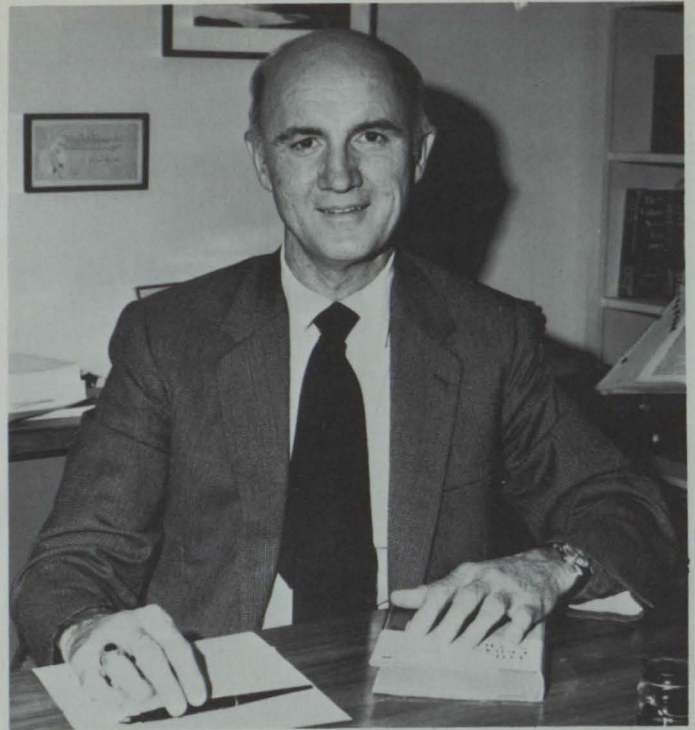


Music Department

The Music Department is under the supervision of Dr. Olav E. Eidbo. Although at present the department does not offer a Master's Degree, the department is in the process of drafting one. As soon as the Education Building is finished a new building will be erected for the music department. The music department has received several honors. The Opera placed in the Metropolitan Section of Texas while the band went to Chicago for the National Conference, and the choir traveled into Mexico. The orchestra, under a new leadership, played for the ballet and gave several concerts of their own.

History Department

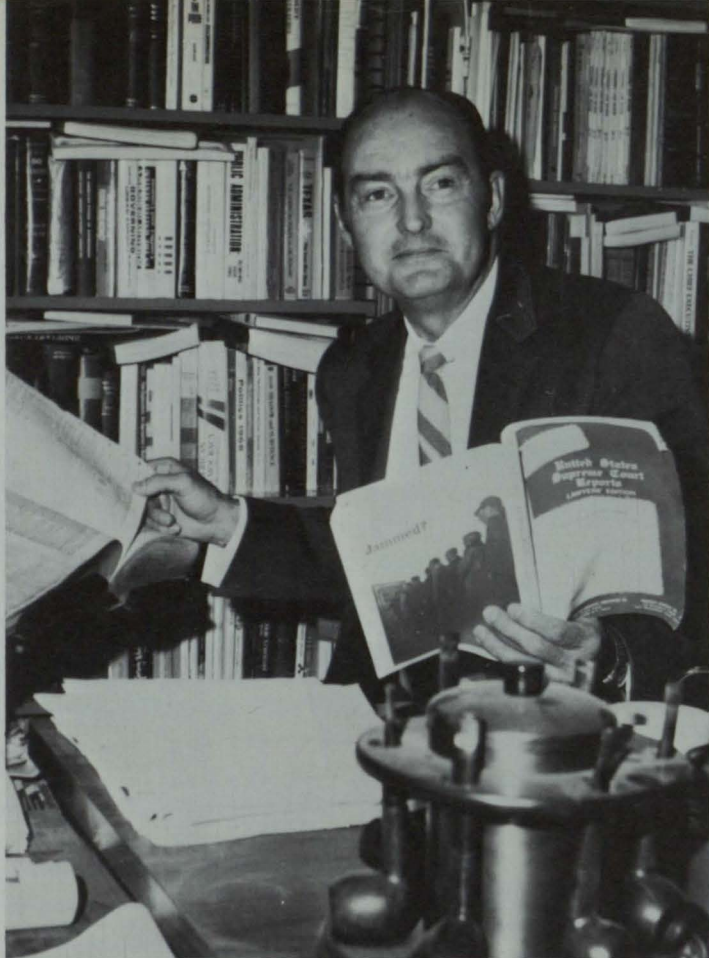
Dr. Kenneth K. Bailey has been the department head for two years. Among some of the new courses being offered are Urban History and Renaissance and Reformation. A student who wishes to major in history can go into the History of the United States or the History of Western Civilization.



Dr. Kenneth Bailey — Department Head



J. Morgan Broadus — Instructor



Political Science Department

The Political Science Department under the supervision of Dr. Joseph B. Graves has modified its curriculum of students majoring in Political Science must now take 36 hours instead of 33.

A Political Science major can specialize under any of the following areas: American Political Processes, Public Law, International Relations, Comparative Politics, Political theory and thought or Public administration.

POLITICAL SCIENCE HEAD — Joseph Graves

Dr. Paul Grosser



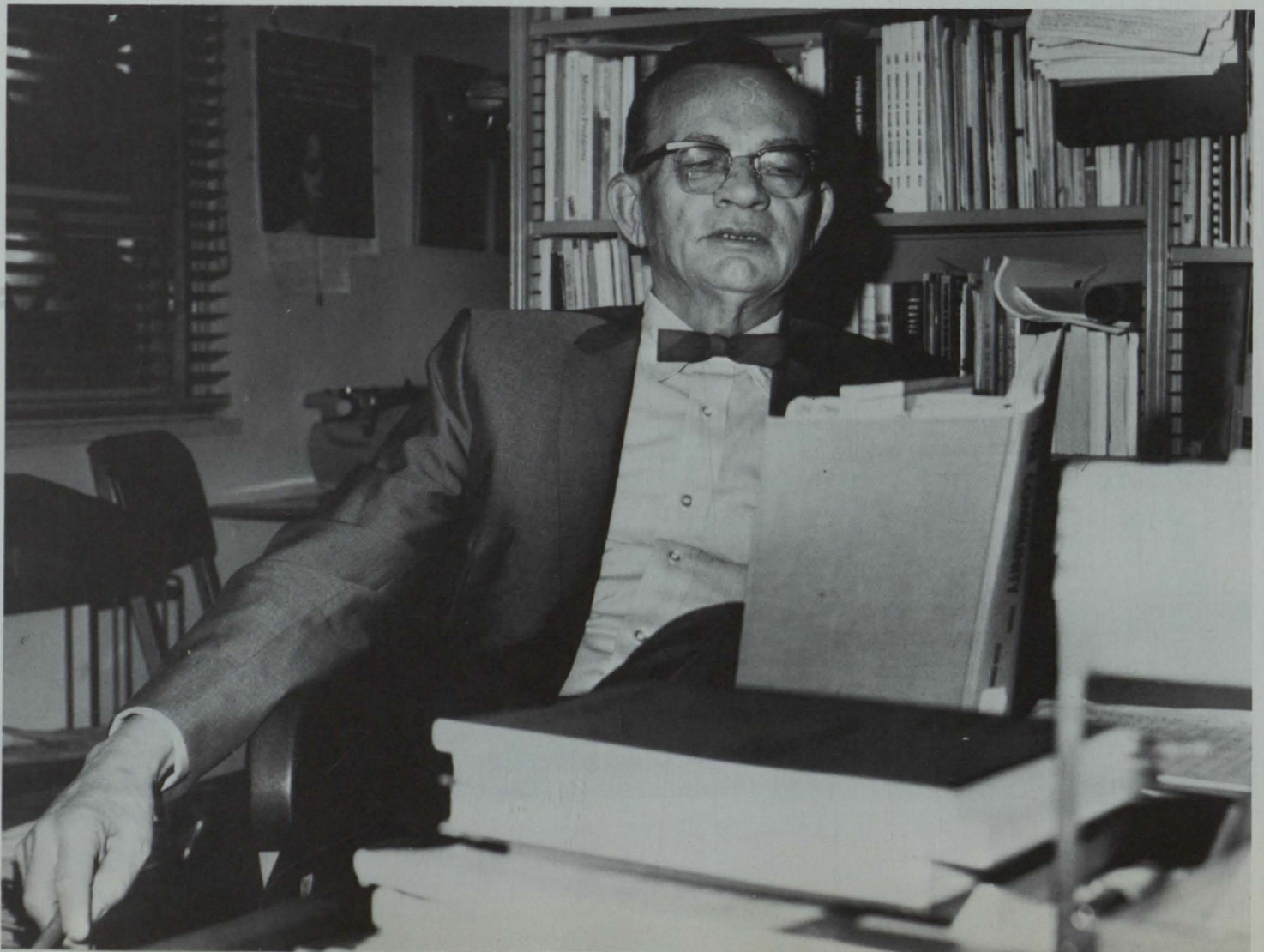
Sociology

The department of sociology at U.T. El Paso, under the supervision of Dr. W. G. Steglich for the past two years, offers a variety of courses aimed at making students aware of the myriad of sociological considerations that are involved in the complex life we know today. Among the courses offered in the department are studies in social problems, sociology of religion, sociology of marriage and the family, minority group studies, industrial sociology and many more. Under the supervision of the sociology department, minors are offered in anthropology and in geography.

Dr. Thomas Carter



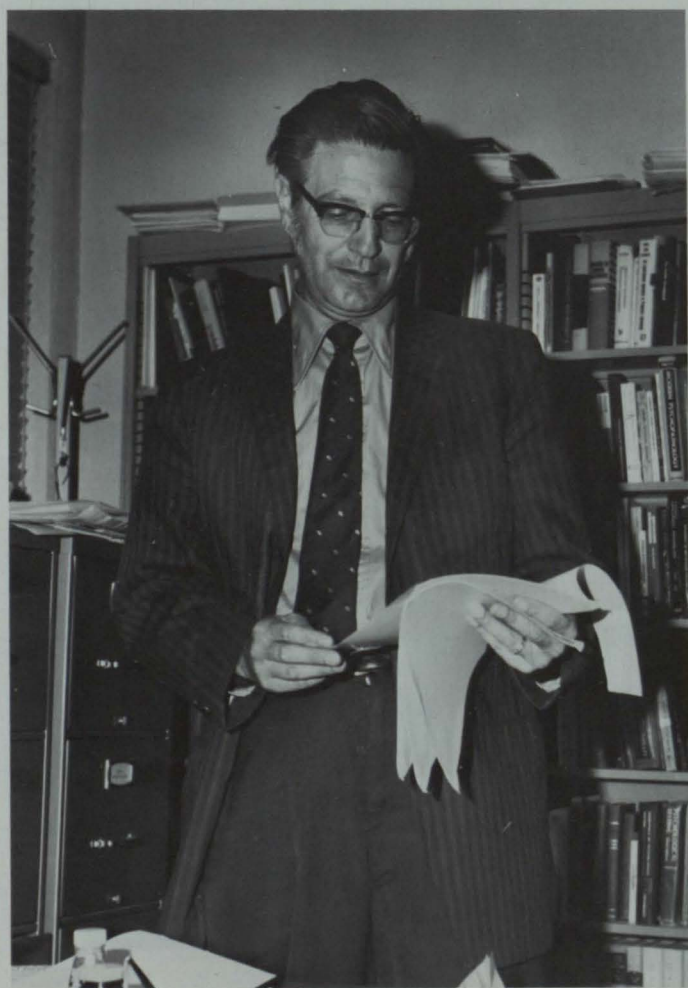
Dr. W. G. Steglich — Department head





James V. Devine — Assistant Professor

Philip Himmelstein — Psychology Head



Psychology Department

Dr. Philip Himmelstein has been the head of the Psychology Department since 1966. The department has a primate lab which consists of two chimps. The types of experiments conducted are mainly in the research area of thinking. Dr. Himmelstein states that he hopes to increase the lab in the near future.

Outstanding Faculty Member School of Science Mr. Harold Slusher

Mr. Harold Slusher, physics professor, has been with the University since 1957. He teaches several geophysics and astronomy courses. The astronomy course was initiated and developed under the supervision of Mr. Slusher. He said that the reason for developing the course was student interest in astronomy.

According to Mr. Slusher, the main qualities a professor should possess are the ability to explain, the ability to create enthusiasm in a subject, and the ability to aid in the development of the student's character.





DEAN OF THE SCHOOL-OF SCIENCE — Luis Hatch

School of Science

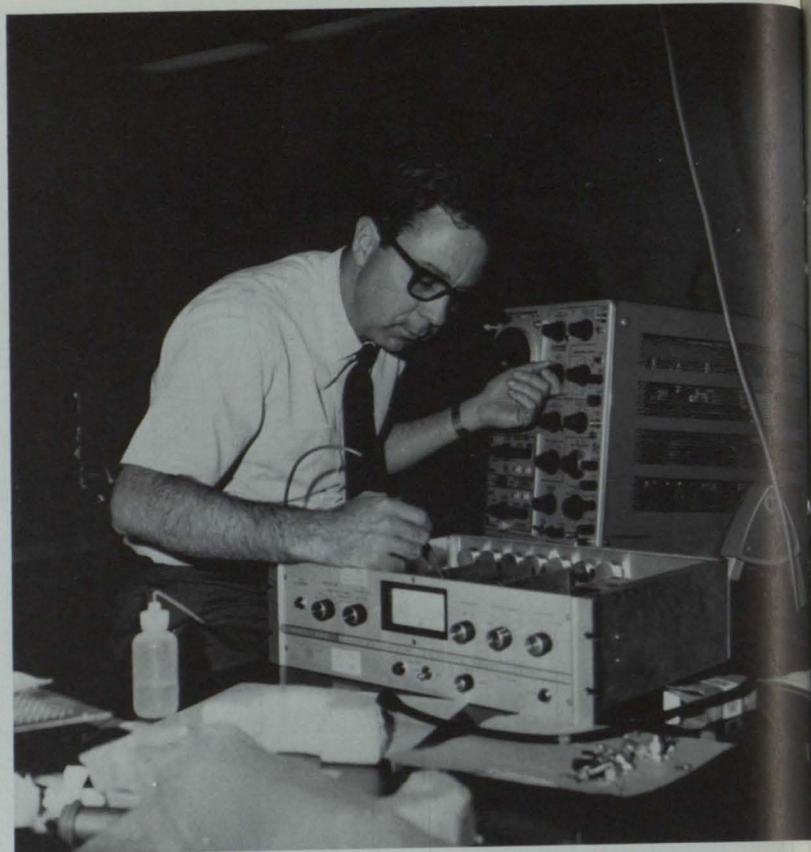
The School of Science, headed by Dr. Lewis J. Hatch, is divided into five departments. They include Biology, Chemistry, Geology and Geography, Math and Physics. Until September, 1967 the School of Science was a department under the School of Arts and Sciences. Since then the School of Science has grown considerably. The school offers a Master's Degree and is presently preparing to offer its Ph.D. It also offers an Inter-American Science Program. A student enrolled in this program is not required to become a scientist. Twenty out of the 28 undergraduates who registered for the program during their freshman year were enrolled for sophomore courses in all schools of the University. The students who participate in this program are natives of such countries as Mexico, Chile, Nicaragua and Puerto Rico.



ASSISTANT DEAN — Harold E. Alexander

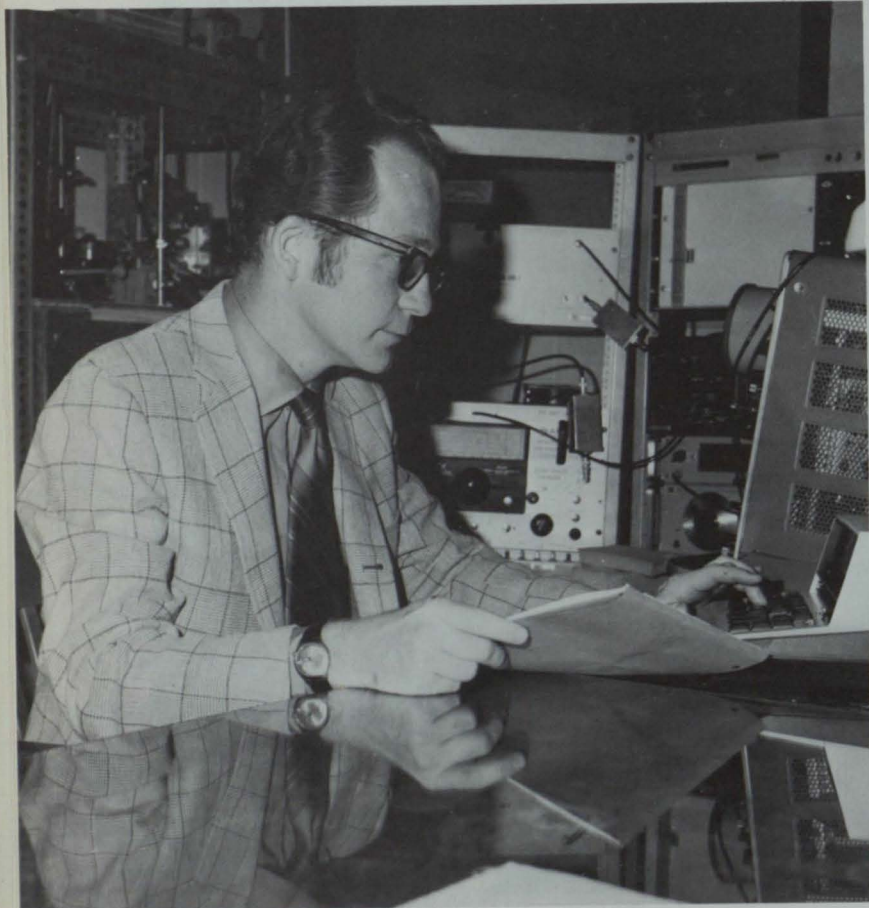
Research Laboratories

The Junction and Surface Effects Thermionic and Field Emission of Electrons Research Lab is under the supervision of Dr. S. John Brient. This lab does experiments with low vacuum systems.



Dr. S. John Brient

Dr. Donald Bowen



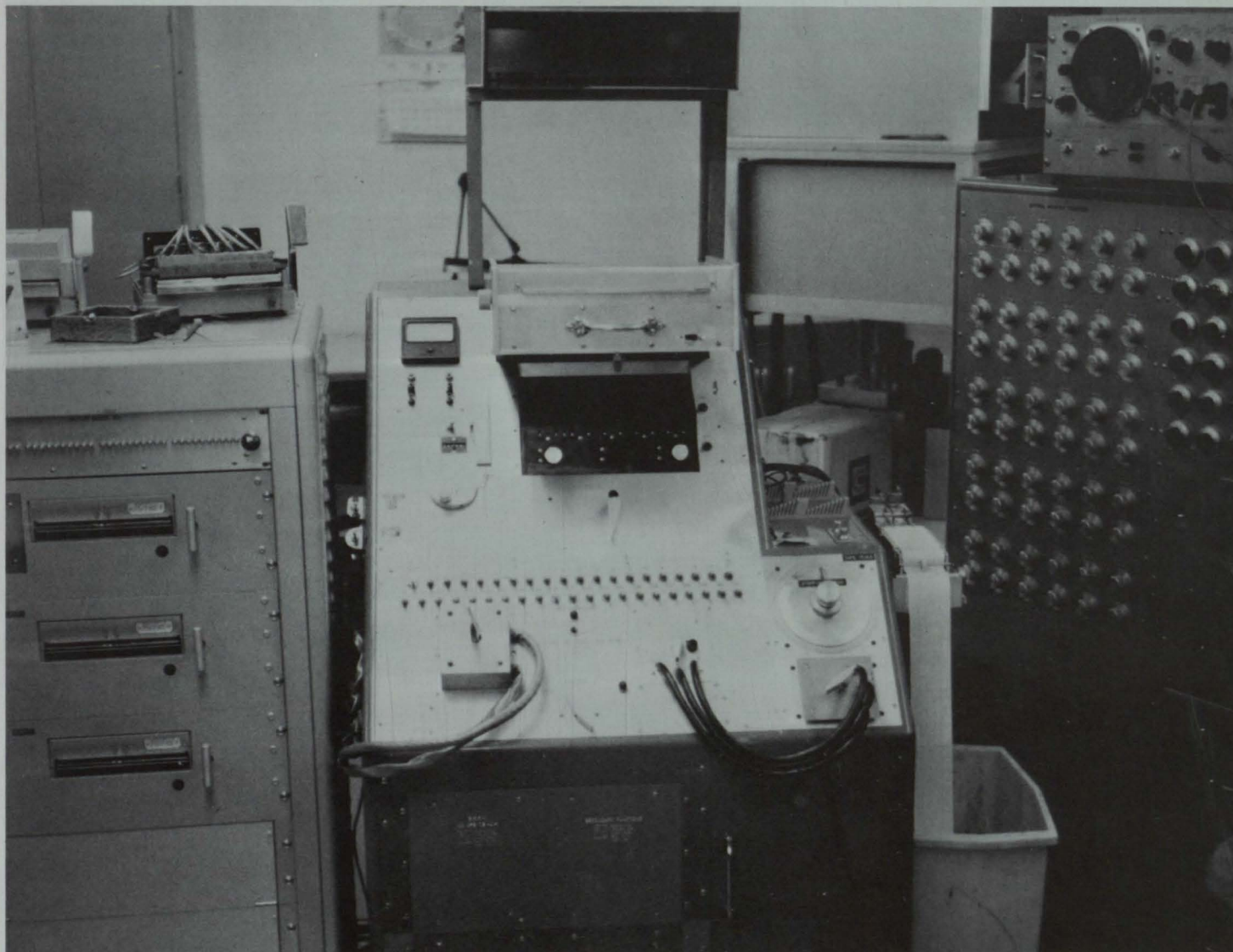
The Liquid Metals Research Lab is supervised by Dr. Donald Bowen. Its purpose is to study the acoustic properties of metals in ammonia solutions. They discovered that measurements of the speed at which high frequency sound waves move through solutions of metals dissolved in pure liquid ammonia. This revealed that compound formations in the solutions may be seen before the actual freezing of the solutions. This is the first time such behavior has been detected while the solutions are still in the liquid state.

Research Labs

The Atmospheric Research Lab, under the supervision of Dr. Robert McIntyre, conducts investigations of the atmosphere through the reception of various radiation signals.

Dr. Max C. Bolen heads the High Polymer Research Lab which concerns itself with the study of thermodynamics of high polymer solutions.

Short period and long period seismic waves associated with the earthquakes are studied by the John W. Kidd Memorial Seismic Observatory under the direction of Mr. Harold Slusher.



Research Labs

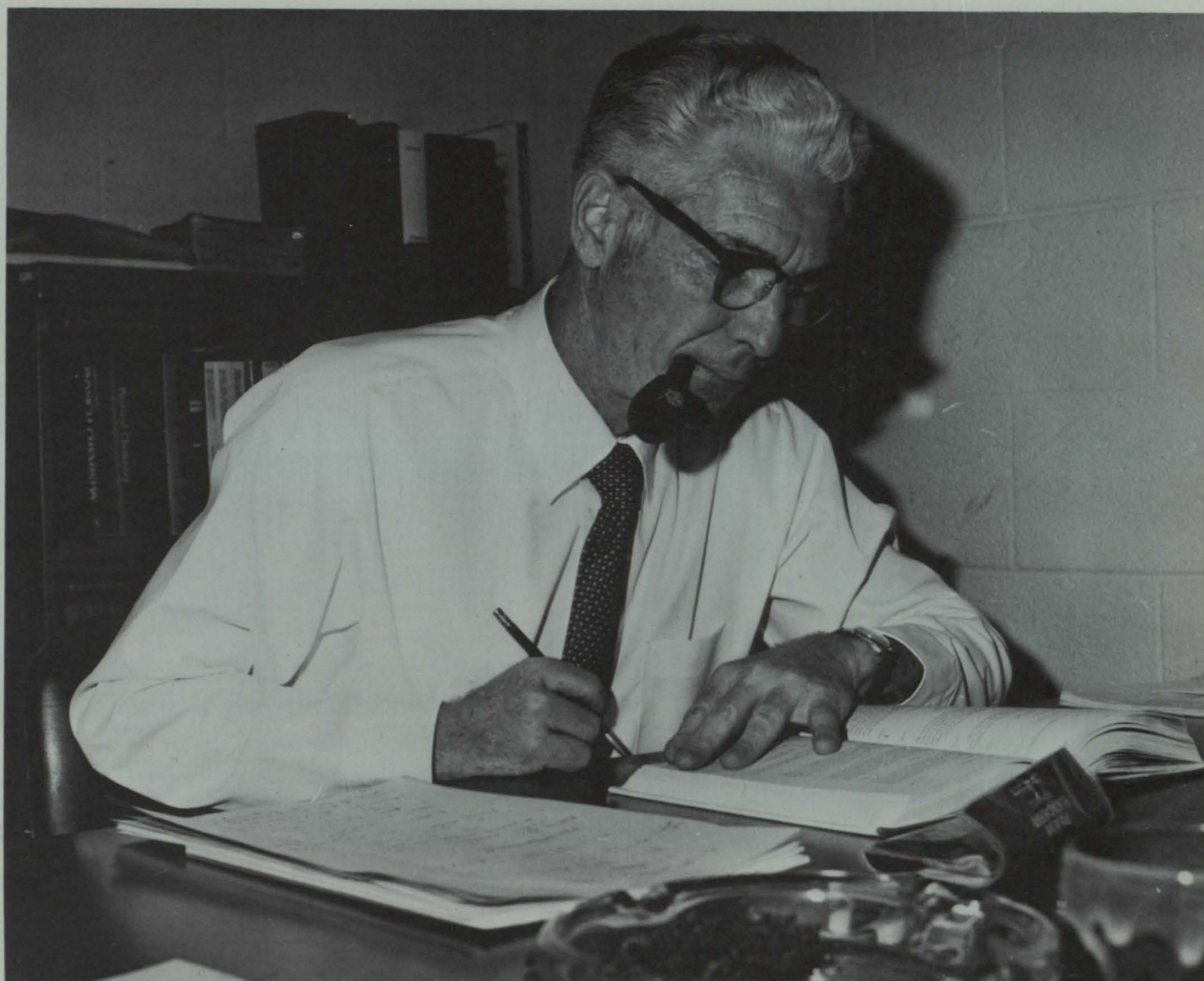
The Solid State Physics Research Lab, under the direction of Dr. Samuel J. Brient, includes studies of interaction between sound waves and electrons in solid matter.

The Plasma Physics Research Lab, directed by Dr. E. A. Dean plans to investigate the acoustics phenomena in the gaseous state as well as in ionized gases.

The High Energy Physics Research Lab, under the direction of Dr. Michael H. Blue studies and conducts experiments with cosmic rays as well as working in conjunction with other labs located throughout the world.



Dr. Michael Blue



Chemistry Department

Inorganic, organic, analytical, and physical chemistry comprise the main areas of concentration for chemistry majors. Headed by Dr. James Whalen, the Department of Chemistry also offers graduate work leading to a Master of Science in chemistry. Extensive research is continually conducted in this science field, and many members of that department are involved in scientific research pertaining to the world of chemistry.

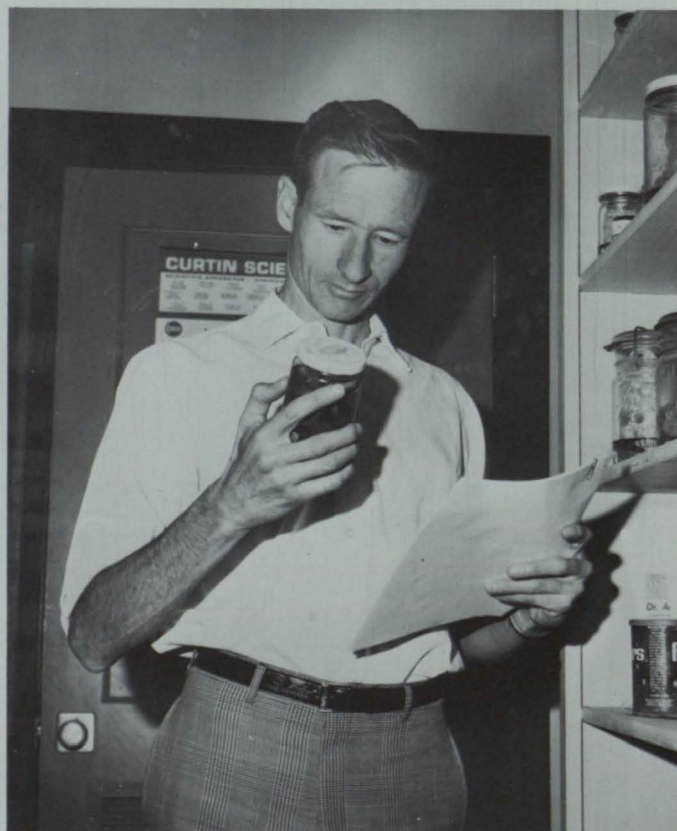


James Reeves — Biology Head

Biology Department

Thirty semester hours of Biological Sciences are required for the Bachelor of Arts Degree. A student working toward the B.A. Degree must register with the school of Liberal Arts. However, if a student desires a Bachelor of Science Degree, he must enroll with the School of Science. The biology major, at his option, may pursue a field of concentration in either Botany, Microbiology, or Zoology. The Biology Department has been under the leadership of Dr. James Reeves since September, 1961.

Robert G. Webb



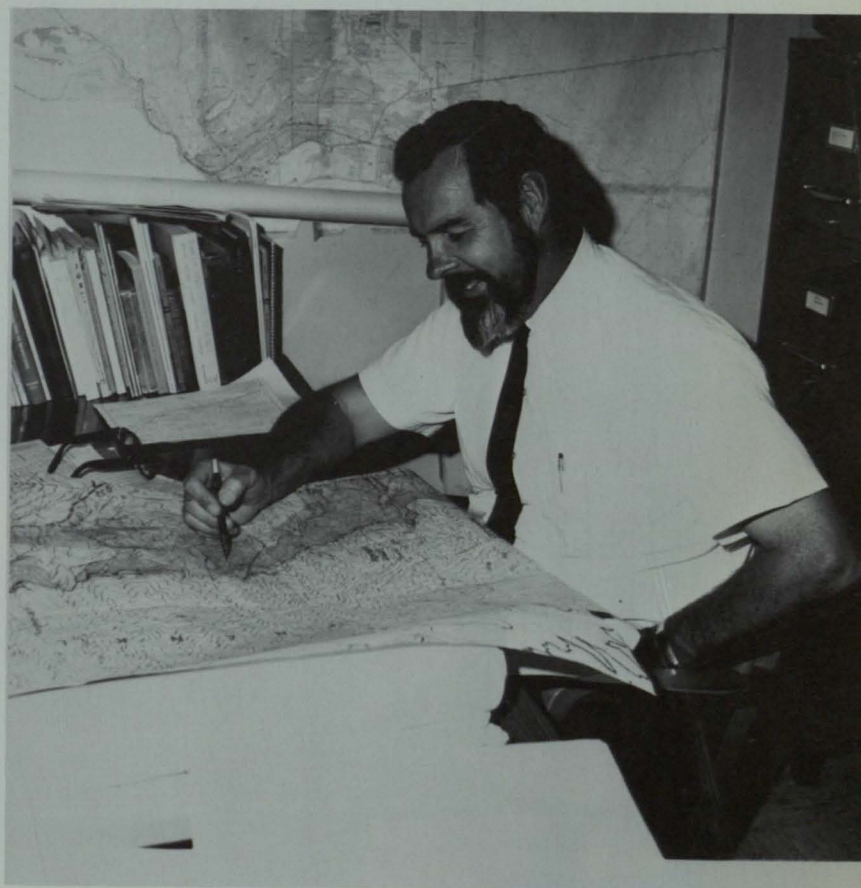


William N. McAnulty — Geology Head

Geology Department

Students who desire to major in the geological sciences have a choice of seven routes of study; one leading to the Bachelor of Arts Degree and six leading to the Bachelor of Science Degree. The routes leading to the Bachelor of Science Degree include general geology, engineering geology, exploration geophysics, petroleum geology, economic geology and paleontology. Each plan except the one for general geology includes at least one appropriate minor. A minor must be selected for general geology from one of the following fields: mathematics, chemistry, physics, civil or metallurgical engineering. The Bachelor of Arts Degree route permits minors in several other fields. The Geology Department is under the supervision of Dr. William N. McAnulty.

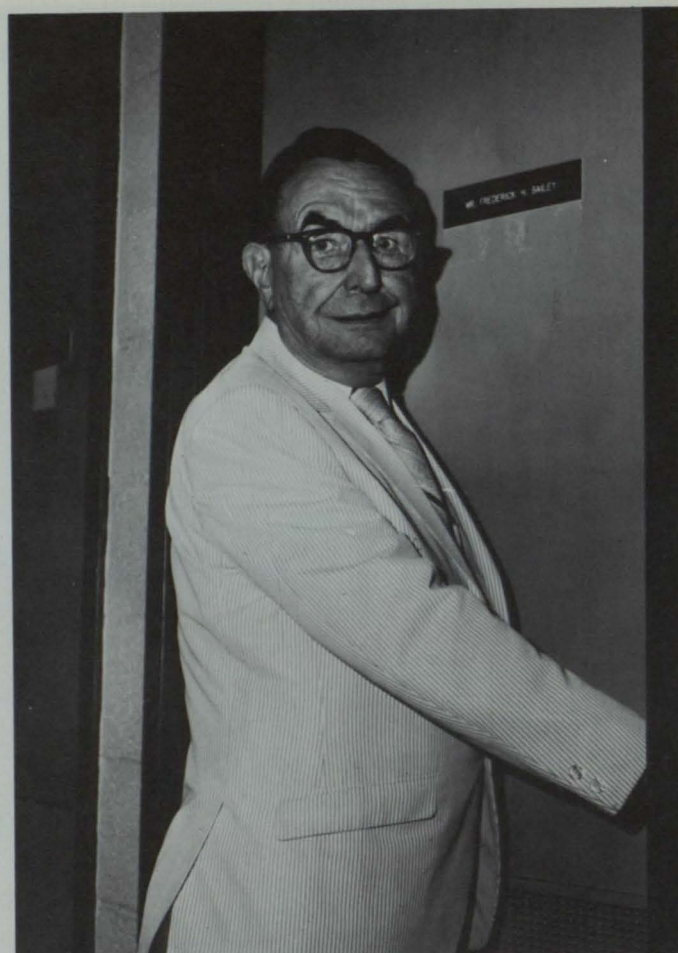
Earl M. Lovejoy — Professor



Math Department

Dr. William J. Leahey is the department head for Math. A math major may obtain either a B.A. or M.A. Degree from the Math Department. In order for a student to enroll in some of the calculus courses he is required to take a placement test which is offered every semester. Depending on the test score, a student may be admitted into the course he desired or he may be advised to take another type of course.

William J. Leahey — Mathematics Head



Mr. Frederick Bailey — Professor



Physics Department

The Physics Department has several areas of concentration which include geophysics, electronics, nuclear physics, atmospheric physics, and solid state physics. The department, under the supervision of Mr. Oscar McMahan, has two groups to investigate a Ph.D. proposal. One committee is working with the Electrical Engineering Department to offer a Ph.D. plan in biometal science. The second committee is working with the Chemistry Department to offer a Ph.D. Degree in Chemical Physics.



Oscar McMahan — Acting Head

Rufus E. Bruce

