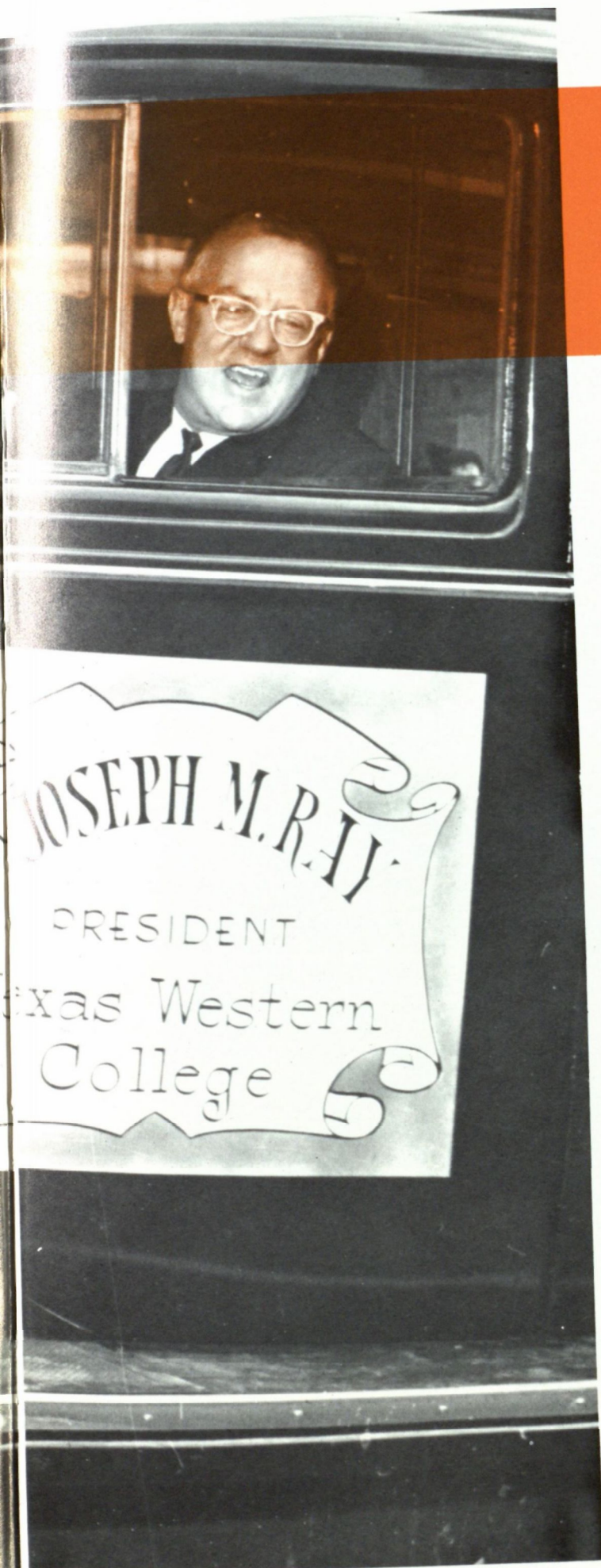


FACULTY



When, fifty-years ago, the State School of Mines and Metallurgy opened its doors to twenty-seven eager students, the faculty consisted of four professors, three lecturers, and a student assistant. The subjects taught were all allied to engineering, and the professional qualifications of these very able, practical men were either Bachelor of Science or Engineer of Mines degrees. Conversational Spanish was taught twice a week by one of the students, a native of Mexico. This was the nucleus of a faculty that was to grow in size and stature — figuratively speaking, of course—until it attained its present proportions.

With the annexation of the Junior College of El Paso in 1927, and the consequent broadening of the curriculum to include a liberal arts program, the faculty increased to five professors, three associate and seven adjunct professors, and sixteen instructors and lecturers.

In 1950, when the college was renamed Texas Western College, there were 114 full time faculty members, twenty four of which held a doctorate degree.

Today, there are over 6,000 students at this College. They are inspired and guided by some forty-eight professors, forty-three associate professors, fifty-four assistant professors, fifty-seven instructors, one football coach with three assistants, and one special lecturer. Assisting them are thirty-six part-time instructors. Sixty-eight of this total of 243 have obtained their doctorate. Certainly that nucleus of 1914 has grown in size and stature.

We, the students, are proud of our great body of learned men who have dedicated their lives to the imparting of knowledge for the betterment of humanity.

May these men and women find deep joy and satisfaction in the knowledge that their efforts are greatly appreciated by their students who take pride in being a part of this growing college.



Joseph M. Ray
President of Texas Western College



Mrs. E. L. Torok
Administrative Secretary
to President Ray

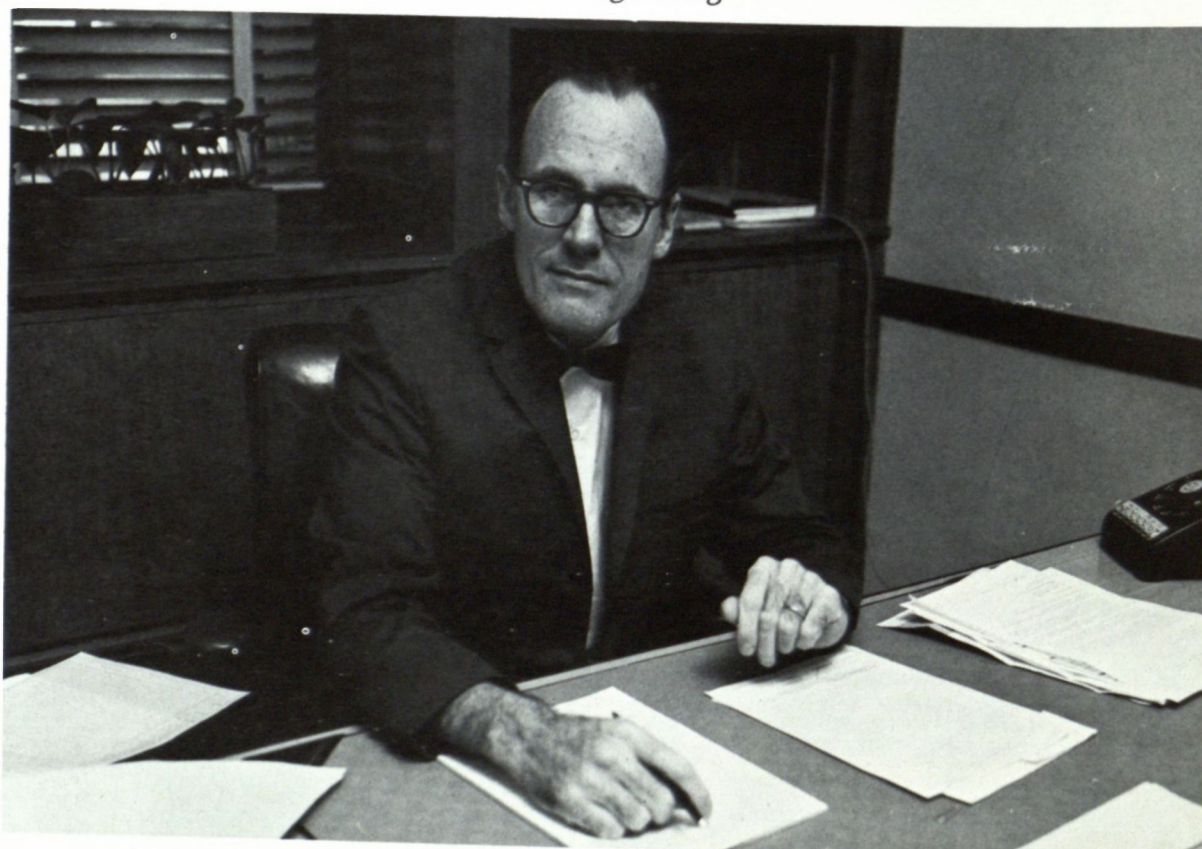


President and Mrs. Ray



Dr. Ray Small
Dean of Arts and Sciences

Dr. Lonnie Abernathy
Dean of Engineering



Dr. Clyde Kelsey
Dean of Students



Mr. Jimmy Walker
Dean of Men



Mrs. Louise Resley
Dean of Women



ART



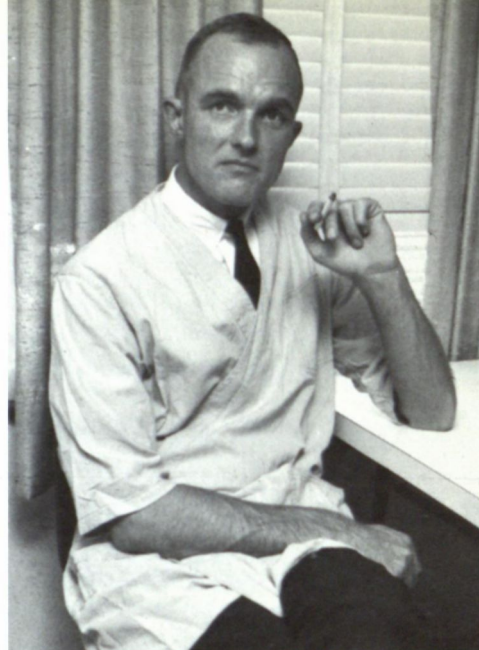
E. Coogler



J. Baird

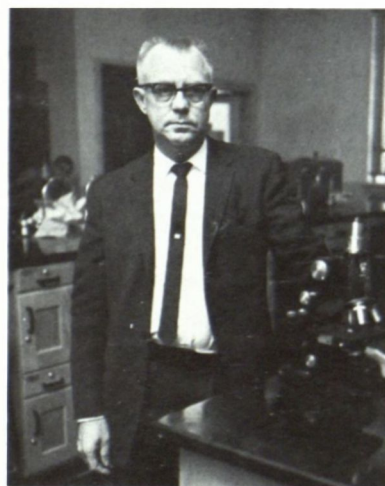
The function of the Department of Art is that of providing thorough and careful training in the fundamentals and techniques of the basic arts; drawing, painting, sculpture, jewelry making and silversmithing, ceramics, and graphics. This program includes the study of the development of art and acquiring appreciation through courses in art history. The Art Department also offers special courses of commercial design in advertising and interior decoration; and for the prospective teacher,

Dr. J. L. M. Baird
Department Head



art education classes deal with the processes of teaching art at the elementary and secondary levels. Furthermore, the Art Department offers to the professionally oriented art student a research course especially designed to allow him to select and explore intensively in an approved art area with the guidance of a member of the art staff. Texas Western's Art Department takes great pride in its art students.

BIOLOGICAL SCIENCES



Dr. J. B. Reeves

Texas Western's Biological Science Department; which at the present time consists mostly of pre-med and pre-dental students, places its greatest emphasis on giving the graduate a sound foundation in the basic biological sciences—as well as the development of outstanding scholarship.



P. Chrapliwy



E. Duke



C. Landolt

The Department of Chemistry plays a dual role on the Texas Western Campus; it is a service department as well as a degree granting department. It teaches the elementary courses in chemistry that are so important to the modern engineer or chemistry major; and at the same time, it offers programs leading to the Bachelor of Science and Bachelor of Arts Degrees in chemistry. The department's program is designed to aid the advanced technical education of exceptionally adept students, to allow the beginning student speedy advancement through his basic courses, and to offer advanced courses in qualitative and quantitative analysis. The chemistry department extends its curriculum from biology and medicine on the one hand to theoretical physics on the other. It offers almost unlimited possibilities for research.

CHEMISTRY



H. Alexander

J. Foulds

J. Hancock

W. Lloyd



R. Miller

F. O'Neal

W. Rivera

J. Scruggs

F. Shioji



Mr. E. C. Reynolds
Department Head

DRAMA and SPEECH

The Department of Drama and Speech strives to make meaningful contributions to the theatrical and speaking education of the Texas Western student.

P. Adkins

D. Brady

C. Etheridge

S. Gonzalez

C. Jones

J. Miculka

H. Tucker





F. Buckner

P. Duriez

D. Freeland

W. Hartrick

H. Jensen



J. Johnson

J. Reynolds



J. Richards

E. Sanders



A. Stone

G. Tompkins

The Department of Economics and Business Administration serves three functions: It provides instruction in the particular business careers of Accounting, Economics, Finance, Foreign Trade, Management, Marketing, and Secretarial Studies. It offers a major program leading to the Bachelor of Arts Degree of Business Administration and to the Bachelor of Business Administration Degree. And it strives in getting the graduate an excellent reception and acceptance in his chosen field by not only continually improving its curriculum, but also by gaining publicity for the department through its faculty's presenting papers, attending national meetings and conferences, and writing dissertations. Individual economics and business administration courses, as well as the entire curriculum, are kept up to date by frequent revisions. For instance, the department now has a statistics and computer center of calculators to modernize the courses in data processing and accounting and a classroom full of IBM "Selectric" typewriters, the latest model developed by IBM. The department takes pride in its goal—that of gaining recognition and a reputation for its graduate.

ECONOMICS and BUSINESS ADMINISTRATION



Dr. R. W. Burns
Department Head

EDUCATION

The Department of Education, which has the largest number of majors on the TWC Campus, emphasizes two levels of development: the undergraduate courses pertaining to elementary and secondary education and to special education of exceptional or mentally retarded children, and the graduate division primarily stressing training counselors leading to the Master of Education. The principal aim of the Department of Education is to turn out good teachers—all under three significant areas. First, the program of general education gives every student in the field of Liberal Arts an excellent academic foundation. Second, considerable work is emphasized in an area of specialization; for example, the students “practice teach” in public schools—thirty-six hours at the elementary level and forty-eight hours at the secondary level. And third, a professional attitude is developed through introduction of practice teaching in the education classes. This program should give every student a broad foundation in education; it should prepare an individual to teach in his area or areas of specialization; it should give some understanding in regard to how students grow and mature, in the procedures of evaluating students, how students learn, and how to develop curriculum units. The students are exposed to various teaching methods, in addition to actual teaching. Because there are unlimited opportunities in teaching profession, it is not surprising that at Texas Western more degrees are granted in Education than in any other field.



M. Cline

M. Craik

V. Davis

J. Day



W. Fisher

A. Foster

L. Henderson

J. Meadows

C. Wivel



C. Cervenka R. Coleman P. Hassler



C. Nichols P. Young

In the Department of Engineering at Texas Western College the student has a choice of curricula in Civil Engineering, Electrical Engineering, Mechanical Engineering, and Drawing. These Curricula are designed to prepare the student upon graduation to hold positions in various fields of engineering.

The civil engineering courses range from problem solving and data analysis to advanced structural analysis, engineering systems, and concrete design. The electrical engineering program includes curricula ranging from electromagnetic field theory and engineering electronics to advanced topics in communication, engineering electronics, digital and analog computers, and energy conversion. Mechanical engineering ranges from such courses as mechanisms and thermodynamics to mechanical engineering measurements and system analysis.

In the research laboratories students perform several of the classic experiments of engineering and several dealing with recently discovered phenomena.

ENGINEERING



R. Barakat P. Birkinshaw L. Berkman P. Braddy

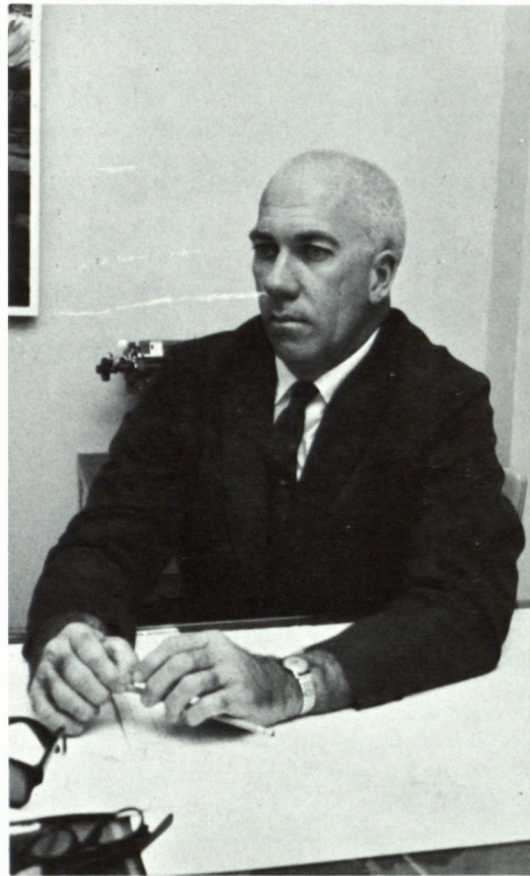


W. Calhoun J. Dugan F. Ehmann B. Evans

ENGLISH

ENGLISH

The Department of English endeavors to make significant contributions to the education of the Texas Western student in two ways. First, it seeks to teach the art of speaking and writing well. In its freshman advanced courses it demands analytical thinking, logical organization of ideas, and the expression of these ideas in clear, precise language. Second, the Department seeks to help the student know and realize the present world around him and the world of the past. It hopes that through the study of these literary works, the TWC student will grow in an awareness of the human assets which enrich life and the mind. The Department of English gives to professionally-minded students courses that broaden not only his scope, but also his view of all mankind.



Dr. J. M. Leach
Department Head



J. James S. Justice R. La Fontaine T. Penfield



J. Quarm E. Richeson L. Sipiora R. Small



G. Smith R. Spiese P. Stroud R. Walker J. West

The Department of Geology and Geography offers course work leading to various fields of specialization—chemistry, physics, paleontology, and all the geological fields. The student may also complete a curriculum in other major branches of engineering. Experiencing an outstanding growth in the last few years, the department also offers service courses to other academic departments.

GEOLOGY



L. Cardenas

R. Meek

S. Myers

M. Straus

L. Nelson

W. Strain



The Department of Government strives to give the student an understanding in the various kinds of governmental systems, doctrines, and relations. Courses investigate the organization, powers, function, business methods, principles and political problems involved in international relations of the states of the world with particular emphasis on nationalism and imperialism. This year, besides being a new department within itself, the Government Department had added a new course; Inter-American International Relations, which involves the political, economic, and cultural relations among the Latin American states. The department aims to give the graduate a thorough study of the processes involved in the management of men and materials in the accomplishment of the purposes of government.

GOVERNMENT

HEALTH and PHYSICAL EDUCATION

The Department of Health and Physical Education at Texas Western College, believing that every student needs a well-rounded education, has organized a program to meet these needs. Service courses for men are designed to provide vigorous, strenuous, and aggressive activities that will be of lasting value; service courses for women are designed to provide activities that are mentally and physically stimulating, as well as promoting grace, vigor, and poise through group and individual instruction. All service courses are provided to promote vigorous, mental, emotional, social and physical health; to further the education of the individual through physical activities; to develop motor skills; and to prepare for leisure time activity. In addition, the Department trains the student for teaching.



Ben Collins
Department Head



K. Craig L. Glardon D. Hardin M. Loper



M. Broaddus M. Dickson W. Fuller J. Harvey R. Strickland C. Warner

The Department of History provides its students with an opportunity to survey civilization from its beginning to the present, including the major political, social, economic, and cultural trends of the past and present which have influenced the world situation of today. The Department strives to give the students a broad background of man's evolution from a historical viewpoint.

HISTORY

JOURNALISM and RADIO -T. V.

The Department of Journalism and Radio-Television, realizing the need for professionally trained men and women in the field of communications, offers a complete curricula in the field of journalism and radio-television. Organized on a professional basis, the Department aims to provide students with a broad background in English and history, economics, political science, and business—plus realistic training under professional newsmen and radio-television men as instructors. Texas Western facilities are new, modern, and complete, offering the prospective student unsurpassed opportunities for learning every phase in the field of communications.



J. Middagh

MATH and PHYSICS



Virgil Hicks, Department Head

The function of the Department of Math and Physics is that of providing thorough and careful training in the concepts and techniques of mathematics and physics. Because of the extremely rapid growth of knowledge in scientific and technical areas during the past few years, the Department's program includes the modern facilities for teaching. The major departmental objectives are to offer courses leading to a bachelor's degree with adequate preparation for graduate study, to offer courses necessary for public school teacher certification, and to offer service courses as requested by other academic departments. The Department now offers a Master of Science degree in Physics, a new addition to the degrees conferred upon Texas Western students.



S. Agarwal
W. Burgett

F. Bailey
O. Kruschwitz

H. Ballard
O. McMahan

R. Bentz
V. Miculka

C. Gladman
R. Pryor

D. Horner
R. Schumaker

E. Knapp
E. Threadgill

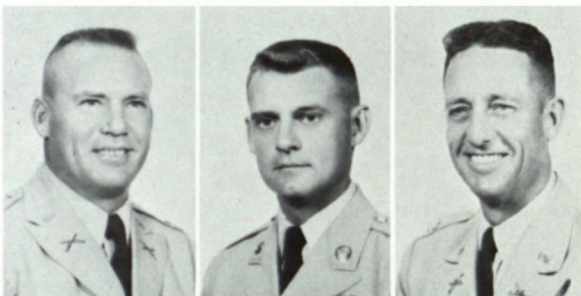
MINING and METALLURGY



W. Heer

E. Thomas

The Mining and Metallurgy Department offers a curriculum designed to give the engineering student a comprehensive study of the applicability, safety, production, and comparative costs of mining methods; of mine examination and valuation; of mineral and rock mechanics; of the principles of metal extraction, processing, and refining; and of the structures and properties of metals and alloys. The Department of Mining and Metallurgy fulfills its function of providing the careful training necessary for any engineering curriculum.



G. Bond

J. Briggie

J. Neely



C. Kiefer

J. Woodyard

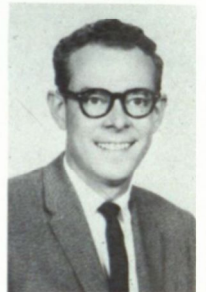
The Department of Military Science strives to produce junior commissioned officers who by their education, training, and inherent qualities are suitable for continued development as officers in the United States Army. Training in military leadership is emphasized, as well as instruction in subjects common to all branches of the Army. Upon successful completion of the four-year ROTC program, students who qualify as Distinguished Military Graduates are eligible for appointment as commissioned officers in the Regular Army.

MILITARY SCIENCE

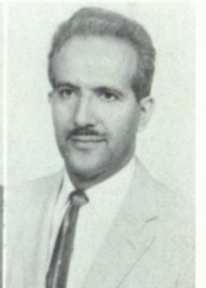
MODERN LANGUAGES

The Department of Modern Languages provides its students with an opportunity to acquire an officially approved language as a tool of research and a medium of cultural enrichment. The methods of instruction employed aim at the development of all skills necessary for practical use of the language. All these skills are developed equally in all of the classes. The impact of language in the modern world of today affects the sources which the college student must use in order to obtain technical information. The Modern Languages Department meets this need by making available to the student the language he needs to understand these new sources. Of prime importance to any collegiate student is a knowledge of a language which he does not use everyday.

J. Bailey



C. Bevans
F. Brewer



C. Chrestian
G. Gabriel



M. Rodriguez
E. Scruggs



R. Tappan
W. Webb



MUSIC

In the Department of Music the student has a choice curricula designed to satisfy several objectives: Teacher training, professional training, and avocational interest. The departmental program aims to give the student a sound foundation in music theory, literature, and education. Also part of the program is applied music: Band, Choir, Orchestra, Chorus, Lab Dance Band, a fully equipped symphony orchestra, a concert and marching band, a laboratory band, small chamber groups and two larger choirs. Also, many non-majors participate in these activities in addition to the departmental majors. Study and public performance are important parts of the life of the music major.



Dr. E. H. Thormodsgaard
Department Head



L. Alderette R. Briggs H. Cardon A. Chavez



E. Eicher R. Henderson H. Hillyer M. Meyer H. Nelson L. Thayer O. Eidbo

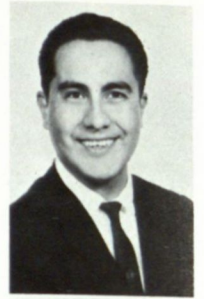
PHILOSOPHY and PSYCHOLOGY



Dr. John Haddox
Department Head

Man and his behavior, a search for truth through logical reasoning rather than factual observation, man's internal and external relationships, the various phases of human culture, and the principles of growth and development improvise the general curricula topics provided by the Department of Philosophy and Psychology. The problems of matter, life, mind, truth and value are investigated to give students a thorough understanding of the problem of knowledge and human behavior.

G. Barrientos



T. Chism



R. Whitworth



The Department of Sociology specializes in man's relation with man—human relationships, a subject of universal interest today. In order to understand the world of today, one must have an appreciation of the ways in which individuals, groups, and nations have related themselves to each other in the past as well as in the present. Political, economic, religious, educational, and family systems are investigated by means of the specialized techniques of sociology in an effort to give students at Texas Western familiarity with and understanding of man's behavior in association with his fellow men.



M. Quinn B. Hollingsworth

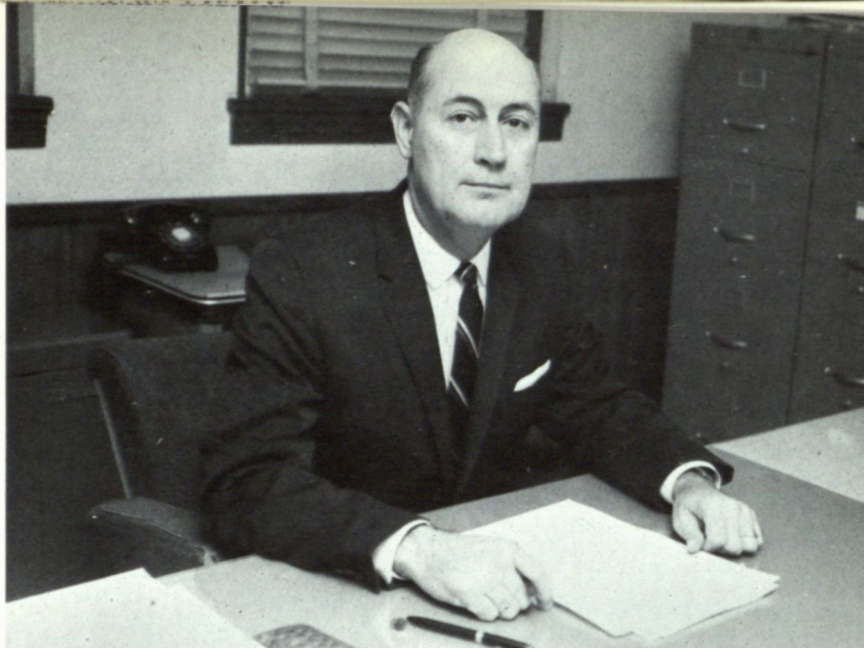


Dr. Clark Knowlton
Department Head

SOCIOLOGY

STAFF

The Staff of Texas Western College patiently give their time and effort in working "behind the scenes" to maintain all the facilities necessary to provide a well-organized college system. They strive endlessly in always trying to obtain the needs of Texas Western College.



Halbert St. Clair, Business Manager



M. Aguilar

C. Arnold

L. Bennett

M. Boydston

J. Cavalleri

M. Crowson

A. Estrada



H. Gerecke

V. Hopper

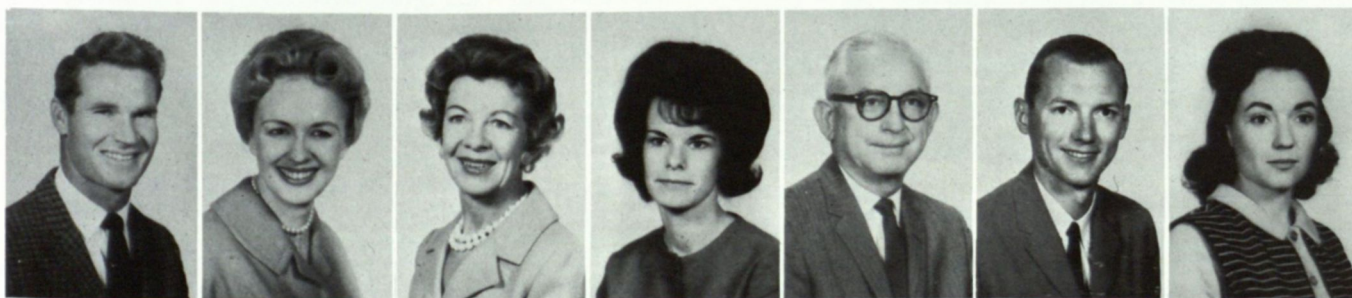
S. Jones

D. Kendrick

B. Kelley

P. Smith

P. Stanchos



J. Stewart

L. Todd

B. Fatuch

S. Van Pelt

J. Whitaker

J. Whitelaw

S. Williams

BOARD of REGENTS

Left to Right: John S. Redditt, Levi A. Olan, Wales H. Madden, Jr., A. G. McNeese, Jr., W. W. Heath, Walter P. Brenam, Frank C. Erwin, Jr., H. F. Connally, Jr., Mrs. J. Lee Johnson, III.





Front row, left to right: Chris P. Fox, Conrad P. Ramirez, Mayor Judson F. Williams, chairman, Mrs. Jack Kitchen, Mrs. J. Burges Perrenot, Mrs. Thad A. Steele, President Joseph M. Ray, Marshall Willis; second row: Richard W. Mithoff, Dr. Ray Small, William Latham, Jack C. Vowell, Jr., Francis Broadus, Jr., Francis Morgan; third row: Edward F. Schwartz, Theodore

R. Lind, Dr. Milton Leech, Frank Hunter, Col. J. T. Meteri; fourth row: Dr. H. E. Charles, Dr. M. P. Spearman, J. M. Hanks, Richard C. White, Granville M. Green, Dr. Floyd S. Fierman; top row: Jack V. Curlin, Dr. L. D. Hadkew, William B. Hardie and Edwin W. Carroll.

These people are the civic and business leaders in our community who will be responsible for the projected growth and academic success of Texas Western College within the next ten years. Through their efforts, the T.W.C. students of 1973 will enjoy advantages we can only dream of.

MEMBERS of MISSION '73