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- Rajendra V. Boppana**, B.Tech., University of Mysore; M.Tech., Indian University of Technology; Ph.D., University of Southern California
- Dmitry Gokhman**, B.S., University of Miami; Ph.D., University of California, Berkeley
- Nandini Kannan**, B. S., M.S., Madras University, India; M.A., University of Pittsburgh; Ph.D., Pennsylvania State University
- Ming-Ying Leung**, B.S., M.Phil., University of Hong Kong; M.S., Ph.D., Stanford University
- Subhasish Mazumdar**, B.Tech., Indian Institute of Technology, India; M.E., Indian Institute of Science; M.S., Ph.D., University of Massachusetts at Amhurst
- Aparna Raychaudhuri**, B.S., M.S., Ph.D., University of Calcutta
- Walter B. Richardson**, B.S., Southwest Texas State University; M.S., University of Houston; Ph.D., University of North Texas
- Bruce E. Rosen**, B.S., M.S., Ph.D., University of California, Los Angeles
- Gabriel Schachtel**, M.S., Ph.D., Justus-Liebig University
- Mary Lou Zeeman**, B.A., M.A., Oxford University; Ph.D., University of California, Berkeley
- Xiaodong Zhang**, B.S., Beijing Polytechnical University; M.S., Ph.D., University of Colorado

## COLLEGE FACULTY

- Helen V. Oujesky**, Professor of Microbiology, B.A., B.S., Texas Woman's University; M.A., Texas Christian University; Ph.D., Texas Woman's University

## COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES

### *DIVISION OF BEHAVIORAL AND CULTURAL SCIENCES*

#### PROFESSORS

- Richard E. W. Adams**, B.A., University of New Mexico; M.A., Ph.D., Harvard University
- Félix D. Almaráz, Jr.**, B.A., M.A., St. Mary's University; Ph.D., University of New Mexico
- Raymond R. Baird**, A.B., Eastern New Mexico University; M.A., Ph.D., University of Washington
- Raymond T. Garza**, B.A., M.A., Texas A&I University; Ph.D., Purdue University
- Dwight F. Henderson**, B.A., M.A., Ph.D., University of Texas at Austin
- David R. Johnson**, B.A., University of Illinois; M.A., Ph.D., University of Chicago
- Woodruff D. Smith**, A.B., Harvard University; A.M., Ph.D., University of Chicago

#### ASSOCIATE PROFESSORS

- George D. Bishop**, B.A., Hope College; M.S., Ph.D., Yale University
- Steven R. Boyd**, B.A., Claremont Men's College; M.A., Ph.D., University of Wisconsin at Madison
- Antonio Calabria**, A.B., Brown University; M.A., Ph.D., University of California at Berkeley
- James R. Dykes**, B.A., Ph.D., University of Texas at Austin
- Ann R. Eisenberg**, B.A., M.A., The Johns Hopkins University; Ph.D., University of California at Berkeley
- Robert M. Hill, II**, A.B., M.A., Ph.D., University of Pennsylvania
- Gilberto M. Hinojosa**, B.A., Our Lady of the Snows; M.A., St. Mary's University; Ph.D., University of Texas at Austin
- Linda K. Pritchard**, B.A., University of Michigan; M.A., Ph.D., University of Pittsburgh
- John F. Reynolds**, B.A., M.A., Michigan State University; Ph.D., Rutgers, The State University of New Jersey
- Michael P. Ryan**, B.A., Pomona College; Ph.D., Stanford University
- James C. Schneider**, B.A., St. Lawrence University; M.A., Ph.D., University of Wisconsin at Madison
- Maria-Luisa Urdaneta**, B.A., M.A., University of Texas at Austin; Ph.D., Southern Methodist University
- Richard M. Wenzlaff**, B.A., University of Texas at San Antonio; M.A., Trinity University; Ph.D., University of Texas at Austin

#### ASSISTANT PROFESSORS

- Brian L. Davies**, B.A., M.A., Ph.D., University of Chicago
- Dorothy A. Flannagan**, B.A., University of South Carolina; M.A., University of Richmond; Ph.D., North Carolina State University
- Robert W. Fuhrman**, B.A., St. Louis University; A.M., Ph.D., University of Illinois at Urbana-Champaign
- Daniel J. Gelo**, B.A., M.A., M.Phil., Ph.D., Rutgers, The State University of New Jersey

**Robert J. Hard**, B.A., University of Arizona; M.A., Ph.D., University of New Mexico

**David R. Pillow**, B.A., University of Texas at Arlington; M.A., Ph.D., Arizona State University

**Linda Schott**, B.A., Baylor University; M.A., Ph.D., Stanford University

**Juan Mora-Torres**, B.A., University of California; M.A., Ph.D., University of Chicago

### *DIVISION OF BICULTURAL-BILINGUAL STUDIES*

#### PROFESSOR EMERITUS

**Rodolfo Jacobson**, M.A., Ph.D., University of Michigan

#### PROFESSORS

**Curtis W. Hayes**, B.A., M.A., California State University at Long Beach; Ph.D., University of Texas at Austin

**Carolyn L. Kessler**, B.A., St. Mary-of-the-Woods College; M.S., Ph.D., Georgetown University

**Robert D. Milk**, B.A., M.A., Ph.D., Stanford University

**Albar A. Peña**, B.S., University of Texas at Austin; M.A., Texas A&I University; Ph.D., University of Texas at Austin

#### ASSOCIATE PROFESSORS

**Mauricio E. Charpenel**, B.A., Central Missouri State University; M.A., Universidad Nacional Autonoma de Mexico; M.L.S., Ph.D., University of Texas at Austin

#### ASSISTANT PROFESSORS

**Robert J. Bayley**, B.S., Columbia University; M.A., University of California, Berkeley; Ph.D., Stanford University

**Ellen R. Clark**, B.A., Trinity University; M.A., University of Texas at San Antonio; Ph.D., University of Texas at Austin

#### INSTRUCTORS

**Armando Trujillo**, B.S., M.A., University of Northern Colorado

### *DIVISION OF EDUCATION*

#### PROFESSORS EMERITUS

**Dewey D. Davis**, B.S., Edinboro State College, M.Ed., Ph.D., University of Texas at Austin

**Wayne W. Laughery**, B.A., M.A., San Diego State College; Ed.D., Columbia University Teachers College

#### PROFESSORS

**Christopher A. Borman**, B.S., Ed.D., Indiana University; M.A., Northwestern University

- Raymond L. Calabrese**, B.A., Gellarmine College; M.Ed., Bridgewater State College; Ed.D., University of Massachusetts, Amherst
- Richard A. Diem**, B.S., Bradley University; M.S., Southern Illinois University; M.A., Colorado State University; Ph.D., Northwestern University
- John W. Hollomon**, B.A., Dillard University; M.A., West Virginia University; M.A., Universidad Interamericana, Saltillo; Ph.D., University of New Mexico
- Marian L. Martinello**, B.S., M.S., Queens College; Ed.D., Teachers College, Columbia University
- Berry Sutherland**, B.S., University of Texas at Austin; M.S., Ed.D., University of Houston
- William H. Teale**, B.A., Pennsylvania State University; M.Ed., Ed.D., University of Virginia
- James W. Wagener**, B.A., Southern Methodist University; M.A., Ph.D., University of Texas at Austin
- Paul H. Westmeyer**, B.S., M.A., Ball State University; Ed.D., University of Illinois
- Sue C. Wortham**, B.S., University of Houston; M.A., Southwest Texas State University; Ph.D., University of Texas at Austin

#### ASSOCIATE PROFESSORS

- Ronnie N. Alexander**, B.S., M.Ed., Central State University; Ed.D., University of Kansas
- Anthony J. Arabia**, A.B., M.Ed., M.L.S., Ph.D., University of Pittsburgh
- George R. Colfer**, B.S., Lock Haven State College; M.S., Ithaca College; Ph.D., Texas A&M University
- Gillian E. Cook**, B.A., Sir George Williams University; Ed.M., Ed.D., Harvard Graduate School of Education
- Larry B. Golden**, B.Ed., University of Miami; M.S., City University of New York; Ph.D., Arizona State University
- Barbara M. Gonzalez-Pino**, B.A., M.A., Ph.D., University of Texas at Austin
- Rosalind Horowitz**, B.S., M.A., Ph.D., University of Minnesota
- David S. Katims**, B.A., University of South Florida; M.S., Barry University; Ed.D., Boston University
- Kenneth W. Wunderlich**, B.A., Ph.D., University of Texas at Austin
- Jesse T. Zapata**, A.A., San Antonio College; B.A., University of Texas at Austin; M.Ed., Texas Tech University; Ph.D., Arizona State University

#### ASSISTANT PROFESSORS

- Absael Antelo**, B.A., M.A., New Mexico Highlands University; Ph.D., University of Utah
- Aurelia D. De Silva**, B.A., M.Ed., Ph.D., University of Texas at Austin
- Arthur E. Hernandez**, M.A., St. Mary's University; M.A., University of Texas at San Antonio; Ph.D., Texas A&M University
- Miriam G. Martinez**, B.A., University of Alabama; M.A., Ph.D., University of Texas at Austin
- Janelle O'Connell**, B.S.Ed., Central Michigan University; M.A., Kent State University; Ph.D., University of Toledo
- Cynthia D. Soto**, B.A., M.A., University of Texas at Austin; Ph.D., Texas Woman's University

**George R. Taylor**, B.S.Ed., M.S.Ed., Henderson State University; Ed.D., Texas A&M University

**Anthony K. Van Reusen**, B.A., M.A., Arizona State University; Ph.D., University of Kansas

**Zenong Yin**, B.Ed., Beijing Institute of Physical Education; M.A., Ph.D., University of Southern California

## *DIVISION OF SOCIAL AND POLICY SCIENCES*

### PROFESSORS

**David Alvarez**, B.A., Southwestern University; M.Th., Perkins School of Theology; M.A., Ph.D., University of Texas at Austin

**Thomas A. Baylis**, A.B., Duke University; M.A., Ph.D., University of California, Berkeley

**Thomas J. Bellows**, B.A., Augustana College; M.A., University of Florida; M.A., Ph.D., Yale University

**Samuel A. Kirkpatrick**, B.S., Shippensburg University; M.A., Ph.D., Pennsylvania State University

**Earl M. Lewis**, B.A., Tougaloo College; M.A., Loyola University; Ph.D., University of Chicago; LL.D., Our Lady of the Lake University

**Ronald H. Rogers**, B.S., Florida State University; M.S., Michigan State University; M.P.A., University of Southern California; Ph.D., Claremont Graduate School

### ASSOCIATE PROFESSORS

**James D. Calder**, B.A., University of Maryland; M.S., California State University, Long Beach; Ph.D., Claremont Graduate School

**Richard A. Gambitta**, B.A., M.A., Ph.D., Syracuse University

**Richard J. Harris**, B.A., Macalester College; M.A., Ph.D., Cornell University

**Richard C. Jones**, B.S., Austin Peay State University; M.A., Indiana University; Ph.D., Ohio State University

**Mark A. McBriarty**, B.S., St. Joseph's College; M.B.A., D.P.A., George Washington University

**Michael V. Miller**, B.S., M.S., Ph.D., Texas A&M University

**Avelardo Valdez**, B.S., M.A., University of Wisconsin, Milwaukee; M.A., Ph.D., University of California, Los Angeles

### ASSISTANT PROFESSORS

**Stephen Amberg**, B.A., Tufts University; Ph.D., Massachusetts Institute of Technology

**Cynthia E. Conrad**, B.A., Southern Illinois University; M.A., Ph.D., University of Texas at Arlington

**Jodi D. Dean**, B.A., Princeton University; M.A., M.Phil., Ph.D., Columbia University

**Miguel D. De Oliver**, B.A., University of Illinois; M.S., Ph.D., The Pennsylvania State University

**Francisco Durand**, B.A., M.A., Catholic University of Peru; Ph.D., University of California, Berkeley

**Mansour El-Kikhia**, B.A., American University of Beirut; M.A., Ph.D., University of California, Santa Barbara

- Juanita Firestone**, B.S., Blackhills State College; M.A., Ph.D., University of Texas at Austin
- M. Carolyn Fuentes**, B.A., University of Texas at Austin; J.D., Columbia University
- Michael J. Gilbert**, B.A., M.A., University of New Hampshire; D.P.A., Arizona State University
- Mary M. Hale**, B.A., Texas Tech University; M.C., D.P.A., Arizona State University
- Jeffrey A. Halley**, B.A., Hobart and William Smith Colleges; M.A., New School for Social Research; Ph.D., City University of New York
- Patricia M. Harris**, B.A., M.A., Ph.D., Rutgers, The State University of New Jersey
- Richard Lewis**, B.S., Texas Tech University; M.S., Ph.D., Texas A&M University
- Lawrence A. Powell**, B.A., University of Minnesota; Ph.D., Massachusetts Institute of Technology
- Cherylon Robinson**, B.A., Texas Tech University; M.A., University of Texas at El Paso; Ph.D., University of Texas at Austin
- Arturo Vega**, B.A., M.A., St. Mary's University; Ph.D., The University of Oklahoma

## HISTORY

The University of Texas at San Antonio is a comprehensive state university created with a mandate from the 61st Legislature on June 5, 1969, to be a university of the first class offering bachelor's, master's and doctoral degrees, "as are customarily offered at leading American universities." The University admitted its first class in June 1973, consisting of 671 graduate students. Upper-division undergraduate students were accepted in September 1975, with freshmen and sophomore students admitted in June 1976. The first UTSA commencement was held in August 1974.

The University moved rapidly to establish quality academic programs across the curriculum. UTSA received full accreditation of its academic programs in December 1976 by the Southern Association of Colleges and Schools. UTSA's first endowed professorship, the Blumberg Professorship in Life Sciences, was established in 1981, to support an expanded teaching and research initiative in the life sciences. The first endowed chair, the Elmo James Burke, Jr. Chair in Management of Building/Development, was established in 1985 in the College of Business to support an innovative cooperative degree program in architecture and management. The University initiated an Honors Program in September 1985 to serve the University's most academically promising students.

To meet the needs of San Antonio and South Texas and to recognize its unique strengths, the University now has 42 undergraduate degree programs, 23 graduate, one doctoral degree program, and one cooperative Ph.D. program.

Ninety-nine percent of the tenured and tenure-track faculty hold the doctorate or terminal degree in their fields. Since the establishment of UTSA, 36 faculty have competed successfully for prestigious Fulbright Fellowships to teach and conduct research in a foreign country. Research activity of the faculty now places UTSA in the top 25 percent of public universities in the state in research expenditures.

The student body has also grown rapidly, as has campus student life. UTSA's student enrollment reached 16,767 in Fall 1992, making UTSA one of the fastest growing universities in the state. The University began intercollegiate athletics programs in 1981, with Division I competition in a number of sports for both men and women. The addition to the campus of a University Center and on-campus student housing in 1986 brought a growing vitality to the campus, with an increased scope of student organizations and activities. The UTSA Alumni Association was formed in 1978, with one of its major projects each year being the annual UTSA Homecoming.

Construction of the first campus building was completed in September 1975. Space on the campus now totals over 1.2 million square feet, with total investment in physical plant and equipment totaling over \$123 million.

UTSA celebrated its 20th anniversary in 1989.

## MISSION

UT San Antonio, a comprehensive public metropolitan university, is committed to freedom of inquiry and the creation of an environment in which people can teach, discover, learn and enrich their individual and societal lives. Through its instructional, research and public service programs, UT San Antonio seeks to carry out its mission, to serve the needs of the multicultural population of San

Antonio and the South Texas region, emphasizing programs that contribute to the technological, economic and cultural development of the city and region. UT San Antonio also serves the broader geographical communities of the state, the nation, and the world with selected programs reflecting specialized University strengths.

UT San Antonio, offering a wide range of academic degree programs leading to the bachelor's and master's degrees and selected doctoral programs strives to guide students toward achieving knowledge and skills required to succeed in their chosen fields. In addition, the University provides the opportunity for all graduate students to develop those characteristics of a truly educated person.

UT San Antonio provides access to its various degree programs to a broad constituency and maintains rigorous academic standards in requirements for successful completion of its programs. Through flexible scheduling, varied course offerings and student support services, the University encourages attendance by both traditional and nontraditional students.

UT San Antonio emphasizes excellent teaching, research and creative activities, and scholarship. To this end, the University recruits and retains faculty who exemplify this balance. At the same time, it encourages faculty to engage in public service activities appropriate to their academic fields. UT San Antonio encourages and facilitates multidisciplinary instructional, research and public service efforts, where appropriate, through its administrative structure, degree programs and personnel policies.

Through its broad research efforts, UT San Antonio both creates new knowledge through its basic research programs and applies that knowledge to today's problems through its applied research activities. UT San Antonio seeks to facilitate the transfer of research findings into the work environment through continuing education and graduate level programs for maintaining and upgrading specialized skills of professionals employed in San Antonio and the South Texas region.

UT San Antonio seeks to enrich the cultural environment not only of the University but also of the community through its fine arts and humanities programming.

## **ORGANIZATION**

The University of Texas at San Antonio is a component institution of the University of Texas System. Governance of the University is vested in the nine-member Board of Regents of the University of Texas System whose members are appointed biennially by the Governor with the advice and consent of the Senate, for six-year staggered terms.

The Board of Regents delegates administrative authority to the Chancellor of the University of Texas System. The administrative authority of each component institution, such as the University of Texas at San Antonio, is in turn delegated to the President of that component.

The President at UT San Antonio is assisted by a staff including a Provost and Vice President for Academic Affairs, a Vice President for Administration and Planning, a Vice President for Business Affairs, a Vice President for Student Affairs, a Vice President for University Advancement, a Vice President for Downtown Operations, and an Executive Director of the Institute of Texan Cultures.

The Provost and Vice President for Academic Affairs provides the President with advice and counsel on academic matters, acts as a liaison between the President's Office and faculty committees concerned with academic affairs, and has direct responsibility for the development, administration and quality of all academic programs, the administration of the academic budget, academic policy development and implementation, and all matters directly affecting faculty. The Vice President for Administration and Planning provides the President with advice and counsel on the general administrative services of the University and acts as liaison between the President's Office and all University standing committees. This officer is responsible for affirmative action, strategic planning, and the Office of Institutional Analysis. The Vice President for Business Affairs provides the President with advice and counsel on fiscal affairs and has direct responsibility for the business operation of the University including operation of the Physical Plant, Information Technology, University Police, General Services, and the Business Manager's office. This officer is also responsible for budget preparation and analysis, contract and grant administration, and personnel administration. The Vice President for Student Affairs is responsible for overseeing student affairs and for providing advice to top administrators on all aspects of student activities at the University of Texas at San Antonio. The Vice President for University Advancement is responsible for all areas of advancement, including development, communications and alumni affairs, within the academic colleges and coordination with the University of Texas Institute of Texan Cultures. The Vice President for Downtown Operations has responsibility for stimulating stronger academic linkages to programs at the University of Texas at San Antonio. The Executive Director, Institute of Texan Cultures, is responsible for the administration and management of all Institute programs, activities and exhibits; leadership in educational programming and content production; the dissemination of historical and cultural information to the public and the schools; the development and management of volunteer programs; and fund raising.

## **ACCREDITATION**

The University of Texas at San Antonio is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award bachelor's and master's degrees.

## **THE UTSA LIBRARY**

The UTSA Library is housed in the John Peace Library Building, named in 1974 in honor of the former Chairman of the University of Texas System Board of Regents. The goals of the Library are to collect, organize, maintain and preserve materials appropriate for the use of faculty, staff and students, and to establish and maintain services that ensure optimal access to and use of the Library's resources as well as other local, state, national, and international resources.

As of Fall 1992, the Library's collections include approximately 500,000 volumes, 101,000 federal and state publications, 2,200 periodical subscriptions, and 1.95 million microforms. The majority of materials are on open shelves for browsing and ease of access. In addition to traditional library facilities the Library also has an audiovisual center, a curriculum materials center, a bibliographic instruction center and a student PC lab. Carrels, group study rooms, and faculty studies are located throughout the building to provide a variety of study opportunities.

The UTSA Library provides a full range of services to its clientele. Public Services staff include librarians with additional subject expertise who will assist patrons in the use of the Library's collections. The Library's holdings cover a diverse range of subjects in support of the teaching and research missions of the University. The Special Collections Department contains a wide variety of unique and rare materials focusing on San Antonio, Texana and Western Americana. Notable among its collections are the John Peace Collection of documents and books from the period of the Republic of Texas and the Kathryn Stoner O'Conner Collection of early Texas and Mexican materials on permanent deposit from the Sons of the Republic of Texas.

The Library's catalog is now available online and can be accessed from remote locations. A variety of other electronic products, including indexes, text, and data are also available. Services enabling patrons to access materials not owned by the Library include interlibrary loan, fax services, and cooperative borrowing privileges at other institutions. For specific information on services and regulations contact the UTSA Library.

## **INSTITUTE FOR THE ARTS AND HUMANITIES**

The Institute for the Arts and Humanities is located in the College of Fine Arts and Humanities. Institute activities encompass the fine arts (visual and performing arts) and humanities (art history, architectural history, art criticism, literature, and foreign languages). The goals of the Institute include providing assistance to faculty, students, and other persons interested in research and further studies, and making available general information on the arts of Western Europe and the Americas.

## **RESEARCH CENTER FOR THE VISUAL ARTS**

The activities of the Research Center for the Visual Arts encompass the visual arts, art and architectural history, and art criticism. The Center focuses primarily on historical disciplines with special reference to the study of Iberian and Interamerican arts.

## **INSTITUTE FOR STUDIES IN BUSINESS**

The Institute for Studies in Business is the research component of the College of Business. The major objectives of the Institute are to offer the opportunity for faculty and students of the University to have superior research environment for problem solving, to encourage interaction between the business community of San Antonio and the University, and to provide applied economics and business training to students. While the Institute is an integral part of the College of Business, it interacts with the faculty of the other Colleges to provide an interdisciplinary approach to research and business education.

The focus of activity at the Institute is on application of theories and research techniques to applied problems encountered in both public and private decision making. Specialized data files are maintained on a continuing basis, while a research library and computer systems guide interested users to sources of information. The knowledge and experience of the University's faculty and professional staff are utilized to undertake specific problems in the broad categories of marketing, economic analysis and modeling, human resource planning, information systems, financial analysis, and economic development research. The

Institute, therefore, draws upon the creative resources, energy, and talent of the faculty, of the Institute staff, and of the students.

## **INSTITUTE FOR RESEARCH IN SCIENCES AND ENGINEERING**

The Institute for Research in Sciences and Engineering (IRSE) serves primarily the College of Sciences and Engineering (COSE) as an incubator for developing and nurturing research teams in the formative stages of projects. In this capacity IRSE identifies research opportunities, assembles multidisciplinary teams from within COSE and the other colleges at UTSA, and assists in the development of grants and contracts. When the research focus requires additional expertise, IRSE serves as the principal link throughout San Antonio to bring together the resources needed. One of the most important resources is the Southwest Research Consortium. Once the research team becomes self-sustaining, specialized centers are created. One such center has been established within COSE, Center for Water Research, and others are in the formative stage.

IRSE also furthers opportunities for faculty and students within COSE to develop quality research programs by acquiring information from federal, regional and local funding sources. This information is distributed bimonthly in the IRSE Newsletter. Faculty also receive assistance in the preparation of competitive research proposals and in the management of funded research projects.

## **CENTER FOR WATER RESEARCH**

The Center for Water Research is a research component of the College of Sciences and Engineering at the University of Texas at San Antonio and was organized in January 1987. Major areas of research at the Center include hydrogeology, surface water hydrology, geochemistry, geophysics, and geotechnical engineering. Research is conducted by engineers and scientists on the Center's staff, members of the faculty, and undergraduate and graduate students at UTSA. Research and analysis capabilities include stable and unstable isotope geochemistry, water chemistry, borehole geophysical logging, surface geophysical surveys, structural geology of aquifer systems, microbiology of bio-remediation, leakage and contaminant studies, mathematical modeling of groundwater flow and contaminant transport, surface-water modeling, economic analysis of water usage, formulation of decision models for water planning, and study of municipal water supply and treatment systems.

## **INSTITUTE FOR RESEARCH IN SOCIAL AND BEHAVIORAL SCIENCES**

The Institute for Research in Social and Behavioral Sciences coordinates the activities of two Centers and two Offices located in the College of Social and Behavioral Sciences. The Centers and Offices are designed to promote faculty and student research and to assist local agencies and citizens who need professional services from areas represented in the College.

## **CENTER FOR ARCHAEOLOGICAL RESEARCH**

The Center for Archaeological Research (in the College of Social and Behavioral Sciences) was established in September, 1974. Among its objectives are: (1) to provide the opportunity for students to train in archaeology; (2) to promote archaeological research in the South and South Central Texas region and in

Mesoamerica; (3) to carry out archaeological surveys and assignments for federal and state agencies as required by legislation and executive orders; (4) to aid local agencies and citizens who need the services of trained archaeologists; and (5) to sponsor regional, state, and national programs and conferences.

The Center's staff includes a number of graduate and undergraduate students, who, along with other Center personnel, have conducted archaeological investigations in various parts of Texas, particularly in the South, Southwest, and Central sections of the state. Other research by the Center has included the study of the ancient Maya at the sites of Colha, Belize and Rio Azul, Guatemala. Results of Center investigations are published in nearly 250 volumes in 10 publications series: *Archaeological Survey Reports*; *Regional Studies*; *Special Reports*; *Guidebooks in Archaeology*; *Choke Canyon Series*; *Colha Project Interim Reports*, *Colha Project, Belize*; *Working Papers*; *Papers of the Colha Project*; *Rio Azul Reports*, *Rio Azul Project, Guatemala*; *Archaeology and History of the San Juan Bautista Mission Area, Coahuila and Texas*.

The Center has administered more than 400 contracts and grants to date, among which was a two-year study of the archaeology and ethnohistory of the Spanish mission complex at Guerrero, Mexico, a multi-year study of the prehistory and history of the Choke Canyon Reservoir area in southern Texas, five seasons of excavation at the Maya site of Colha in Belize, Central America, and studies of the Rio Azul site in Guatemala. Several projects have also been carried out in Louisiana and New Mexico. In addition, the Center has helped to organize and support regional archaeological surveys and excavations and has participated in local, state, and international archaeological conferences.

In 1985, the Center launched its "Friends of Archaeology" program of public participation in support of archaeological research. Through the "Friends" program, the Center is able to provide seed grants for faculty and students, and research assistant stipends for graduate and undergraduate anthropology majors, as well as the sponsorship of special lectures, special studies, and publication of important reports.

## **CENTER FOR LEARNING AND DEVELOPMENT RESEARCH IN EDUCATION**

The Center for Learning and Development Research in Education, located in the College of Social and Behavioral Sciences, is designed to stimulate basic and applied research on learning and development, particularly as it relates to the educational process. Faculty and students from this College, as well as from other Colleges of the University, are encouraged to use the Center to help them study problems appropriate to this area. The objectives of the Center include: promotion of research in learning and development in education; development of cooperative faculty-student research; cooperation with school districts, social service agencies, and community agencies on problems of mutual interest; and solicitation of funds for appropriate activities.

The Center helps identify and coordinate faculty, student, and community interests, needs, and resources. Many of the projects undertaken through the Center involve cooperative efforts among the University, local school districts, and the community.

## **HISPANIC RESEARCH CENTER**

The Hispanic Research Center was established in September 1989, and operates under the auspices of the Provost and Vice President for Academic Affairs. The Center's mission is to provide an interdisciplinary University focus on research regarding Hispanics. The Center will stimulate research regarding Hispanic populations in the United States in general and in Texas/South Texas in particular. The Center also will plan and conduct faculty forums emphasizing research on Hispanics. Major research areas addressed by the Center include: education, social and political access, history, culture, business and economic opportunity, mental and physical health and United States-Mexican relations. The Center has a ten-member advisory committee composed of faculty, the Director, the Provost and Vice President for Academic Affairs, and community persons with expertise in Hispanic issues.

## **OFFICE OF PROFESSIONAL DEVELOPMENT IN EDUCATION**

The Office of Professional Development in Education, located in the College of Social and Behavioral Sciences, is designed to promote professional development activities for educators. The development of advanced academic training programs (AAT), the coordination of UTSA faculty in staffing advanced academic training programs, the presentation of professional training programs for educators as identified by Chapter 75 of the Texas Education Code and the evaluation of advanced academic training programs are at the core of its activities. The office seeks to work with schools to develop advanced academic training programs that will fit the needs of both the professional educator and the local community.

Three delivery systems are available to meet these objectives: (1) graduate or undergraduate coursework for university credit in subject matter or professional education areas; (2) advanced academic training in subject matter areas; and (3) advanced academic training in areas such as classroom management training, pedagogy, and strategies and techniques for teaching.

Each of these programs can be offered on UTSA's campus, at HemisFair Plaza or at selected off-campus locales. Credit for graduate and undergraduate coursework is accumulated via standard academic procedures including conformity to graduate, special graduate or undergraduate admission requirements. All advanced academic training programs conform to Texas legislative guidelines whereby 15 hours of AAT is equivalent to 1 hours of graduate coursework.

## **OFFICE OF RESEARCH ON TEACHING AND LEARNING**

The Office of Research on Teaching and Learning (in the College of Social and Behavioral Sciences) was established in response to the 1985 Texas educational reform legislation which mandates the performance appraisal of teachers. The Office has three main purposes: (1) to collaborate with educating institutions for the explication of teaching processes to promote students' learning, (2) to study teaching in varied instructional settings, and (3) to interpret and disseminate research findings on the processes of teaching to the profession and the public.

The Office promotes collaboration among researchers, teachers, and administrators in school settings and in other educating institutions for the design, support, and conduct of research into variables of teaching and learning.

A major purpose of the Office is to interpret research on teaching for the profession and the public. The Office designs and develops workshops, conferences, and media productions among other delivery systems, to broadly disseminate the meanings of research and to promote understanding of the complexities and dimensions of teaching.

## **THE UTSA ART GALLERY**

The UTSA Art Gallery enhances the teaching, research, and outreach missions of the College of Fine Arts and Humanities. It provides a setting for visual and oral presentations for the University family at large and the public of Greater San Antonio.

The UTSA Art Gallery serves as an educational tool for students pursuing a career in art. Exhibitions and collections reflect the academic curriculum, provide avenues for research, and present opportunities for interpretation, designing, preparing and installing exhibits.

Activities in the UTSA Art Gallery in recent years include a major traveling archaeological exhibit, the Rio Azul Exhibit; readings by writers Ruth Stone and Alberto Rios; painting exhibitions by Melissa Miller and Earl Staley; sculpture exhibitions by James Drake and Michael Tracy; and print exhibitions of the works of Pablo Picasso and Joe Guadalupe Posada. Also presented are the biennial exhibits by members of the faculty of Art and Architecture.

## **THE UNIVERSITY BOOKSTORE**

The University Bookstore, operated by Barnes and Noble Bookstores, Inc., is located on the first level of the Science Building. The Bookstore attempts to maintain a complete inventory of all required and recommended books for UT San Antonio courses. In addition, the University Bookstore carries a complete line of general school supplies, writing instruments, art materials, soft goods, decals, greeting cards, and a variety of gift items.

## **THE UNIVERSITY FOOD SERVICE**

Two cafeterias, one on the first level of the John Peace Library Building and the other located in the University Center, provide food and beverage service to the University community. Operated by ARA Dining Services, the cafeterias provide breakfast, lunch, dinner and snacks. Daily specials and salad bars are available at these facilities.

A sandwich shop, located on the lower level of the Humanities-Business Building, features many kinds of hot and cold sandwiches for a quick lunch or coffee break. The roadrunner Roost in the University Center serves beverages and snacks in a relaxed "Pub" environment. Catering is also provided for large and small groups. A declining balance cash card system, the Roadrunner Express Card, is available to all students, faculty and staff. Information on this program may be obtained by contacting the Food Service Office in the John Peace Library Building.

## **INFORMATION TECHNOLOGY**

Computing resources at UT San Antonio include two centrally supported IBM 4300 series systems, a DEC VAX 8650 system, a modern student computing laboratory with 108 networked personal computers, and 80 terminals for academic IBM and VAX use. Specialized facilities in the College of Sciences and Engineering include a Scientific Visualization Lab with Silicon Graphics workstations, a CAD/CAE lab with Sun and DEC workstations, and an Artificial Intelligence Lab with Symbolics and LMI LISP-based systems. Ten other specialized student computing facilities supported by colleges and divisions are located in various buildings on campus.

A campus-wide fiber-optic backbone network connects all facilities and provides links to wide-area networks (BITNET, Internet, THENet, NSFNet) with electronic mail, file transfer, and remote login capabilities. Off-campus access is supported via dial-up modems that connect to all mainframe systems and network resources. Supercomputing facilities at the University of Texas System Center for High Performance Computing include a Cray x-MP/24 and 14se with Convex and VAX interfaces accessible via the network.

Administration information systems and the University Library On-Line Catalog (NOTIS) are supported on one of the IBM 4381 processors. Services include automated telephone registration, integrated on-line student information and other administrative support systems.

## **THE UNIVERSITY COMPUTER STORE**

A UTSA owned and operated computer store is located on the first floor of the Science Building and offers computer systems and software at educational discounts to students, faculty and staff.

## **THE UNIVERSITY CENTER**

The University Center, located on the West Paseo between the Humanities-Business Building and the Physical Education Building, opened in Summer 1986. The two-story, 42,000 square foot facility houses a lounge, cafeteria, recreation room, television rooms, and cafe. Additionally, a large multipurpose room, meeting rooms, and print shop are available in the Center. A student activity complex on the second floor provides work space for registered student organizations, student government offices, the Campus Activities Board and the Student Activities Office.

*The Ticketmaster outlet is located at the Information Desk in the University Center.*

## **THE UTSA ALUMNI ASSOCIATION**

The UTSA Alumni Association was established in June, 1977, and incorporated in the State of Texas in July, 1978. The Association is a dues-paying membership organization governed by a twenty-one member board of directors elected by the membership. The Director of Alumni Programs, located in the Office of Alumni Programs, JPL 4.01.06, manages the daily operations of the Association. The mission of the Association is to "strengthen ties among the University, its past, present, and future students, and the community to promote and support programs and initiatives that advance academic excellence." To fulfill this mission, the Association provides scholarships to new and current students, and engages in

fund raising activities for this objective. Numerous events are offered during the year, including the annual meeting each fall, the 5K Hightailer, and Homecoming.

### **VETERANS' ASSISTANCE**

Educational benefits are available to veterans, eligible dependents of veterans, and personnel on active service in the Armed Forces. The Office of Veterans' Affairs, located in The Office of Admissions and Registrar assists those eligible for this program by providing all the necessary forms and current information about the benefits provided under the law.

It is the responsibility of every student who receives veterans' assistance to be informed of the academic standards of progress that apply to all eligible VA recipients. These standards comply with Veterans Administration regulations and are monitored by the Texas Education Agency.

### **INSTITUTE OF TEXAN CULTURES**

The Institute was established as the official State of Texas exhibit at the 1968 San Antonio world's fair (HemisFair) and was transferred to the University of Texas System Board of Regents by the 61st Legislature in 1969. On February 14, 1986, the regents approved an enhanced educational mission for the University of Texas Institute of Texan Cultures along with an administrative affiliation of the Institute with the University of Texas at San Antonio.

Since its inception, the Institute has served as an educational center for the interpretation of Texas history and folk culture. Displays of art and artifacts become a teaching laboratory as professionally training staff members and volunteers use the exhibits as a setting for "living history." The annual Texas Folklife Festival, held on the Institute's grounds for four days each August, attracts more than 10,000 participants and 100,000 visitors every year.

