

## **II. GENERAL INFORMATION**

# THE UNIVERSITY OF TEXAS SYSTEM

## BOARD OF REGENTS

**Jess Hay**, *Chairman*

**Robert B. Baldwin, III**, *Vice-Chairman*

**Shannon H. Ratliff**, *Vice-Chairman*

**Arthur H. Dilly**, *Executive Secretary*

## MEMBERS

Terms Expire February 1, 1987

<b>Janey Slaughter Briscoe (Mrs. Dolph)</b> .....	Uvalde
<b>Beryl Buckely Milburn</b> .....	Austin
<b>Tom B. Rhodes</b> .....	Dallas

Terms Expire February 1, 1989

<b>Robert B. Baldwin, III</b> .....	Austin
<b>Jess Hay</b> .....	Dallas
<b>Mario Yzaguirre</b> .....	Brownsville

Terms Expire February 1, 1991

<b>Jack S. Blanton</b> .....	Houston
<b>Shannon H. Ratliff</b> .....	Austin
<b>Bill Roden</b> .....	Midland

## SYSTEM ADMINISTRATION

**Hans Mark**, *Chancellor*

# THE UNIVERSITY OF TEXAS AT SAN ANTONIO

## EXECUTIVE OFFICERS

**James W. Wagener** . . . . . President  
**Dwight F. Henderson** . . . . . Acting Vice President for Academic Affairs  
**Linda J. Whitson** . . . . . Vice President for Administration  
**M. Dan Williams** . . . . . Vice President for Business Affairs

## DEANS

. . . . . Dean, College of Business  
**Rhoderick E. Key** . . . . . Dean, College of Fine Arts  
and Humanities  
**Berry Sutherland** . . . . . Acting Dean, College of Social and  
Behavioral Sciences  
**James H. Tracey** . . . . . Dean, College of Sciences  
and Engineering  
**Dora G. Hauser** . . . . . Dean of Students

## ADMINISTRATIVE STAFF

<b>Anthony J. Arabia</b>	Director of Media Resources
<b>Vincent L. Avallone</b>	Director of Career Planning and Placement Center
<b>Roger J. Bilow</b>	Assistant Director of Admissions
<b>Jane S. Bonham</b>	Director of Accounting
<b>John H. Brown</b>	Director of Admissions and Registrar
<b>Manuel C. Chavez</b>	Chief of Police
<b>Ernest DeWinne</b>	Business Manager
<b>Jane F. Duckworth</b>	Director, Student Activities and University Center
<b>James A. Forester</b>	Director of Student Services
<b>Samuel M. Gonzales</b>	Director of Job Location and Development
<b>Patricia A. Graham</b>	Associate Dean of Students and Director of Testing Center
<b>Frederick C. Hample</b>	Associate Registrar
<b>Ronald D. Hedrick</b>	Director of the Counseling Center
<b>Daniel O. Hogenauer</b>	Associate Dean, College of Sciences and Engineering
<b>Carol A. Hollingsworth</b>	Coordinator of Contracts and Grants
<b>Martha L. Horsman</b>	Bursar
<b>Michael F. Kelly</b>	Director of Libraries
<b>George E. Mangrem</b>	Director of Physical Plant
<b>John W. Massey</b>	Personnel Director
<b>Betty Murray</b>	Director of Development
<b>Gina Mendez Sachs</b>	Director of News and Information
<b>Marjorie Smelstor</b>	Assistant Vice President for Academic Affairs
<b>Cynthia Smith</b>	Director, Internal Audit
<b>Peter Sollento</b>	Bookstore Director
<b>William E. Stern</b>	Director of Budget and Planning
<b>John A. Stoler</b>	Associate Dean, College of Fine Arts and Humanities
<b>Katherine P. Strickland</b>	Director, Teacher Placement Service and Certification
<b>Berry Sutherland</b>	Associate Dean, College of Social and Behavioral Sciences
<b>C. Powell Trotti</b>	Director of Purchasing
<b>T.C. Tsin</b>	Radiation Safety Officer
<b>Rebecca B. Underwood</b>	Assistant Director of Admissions
<b>Jude Valdez</b>	Assistant to the President for Special Programs and Associate Dean, College of Business

## DIVISION DIRECTORS

### COLLEGE OF BUSINESS

- James F. Gaertner** . . . . . Division of Accounting and  
Information Systems
- Lila J. Flory-Truett** . . . . . Division of Economics and  
Finance
- William D. Litzinger** . . . . . Division of Management and  
Marketing

### COLLEGE OF FINE ARTS AND HUMANITIES

- James A. Broderick** . . . . . Division of Art and Design
- Alan E. Craven** . . . . . Division of English, Classics,  
and Philosophy
- Frank Pino, Jr.** . . . . . Division of Foreign Languages
- Neil E. Wilson** . . . . . Acting, Division of Music

### COLLEGE OF SCIENCES AND ENGINEERING

- Robert K. Smith** . . . . . Division of Earth and  
Physical Sciences
- Daniel O. Hogenauer** . . . . . Acting, Division of Engineering
- Matthew J. Wayner** . . . . . Division of Life Sciences
- Jerome P. Keating** . . . . . Acting, Division of Mathematics,  
Computer Science, and Systems Design

### COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES

- Raymond R. Baird** . . . . . Division of Behavioral and  
Cultural Sciences
- Joseph Michel** . . . . . Division of Bicultural-  
Bilingual Studies
- Robert J. Krajewski** . . . . . Division of Education
- Thomas J. Bellows** . . . . . Division of Social  
and Policy Sciences

## FACULTY

### COLLEGE OF BUSINESS

#### *Division of Accounting and Information Systems*

- Ruth H. Bullard**, Professor, B.S., Mary Hardin-Baylor College; M.B.A., Ph.D., The University of Texas at Austin
- James F. Gaertner**, Professor, B.B.A., M.B.A., Sam Houston State University; Ph.D., Texas A&M University
- Leslie L. McNells**, Professor, B.B.A., University of Oklahoma; M.B.A., University of Tulsa; Ph.D., University of Oklahoma
- Robert M. Alford**, Associate Professor, B.B.A., M.B.A., Ph.D., Texas A&M University
- E. Lou Curry**, Associate Professor, B.S., West Virginia University; J.D., St. Mary's University; LL.M., Emory University
- Robert V. Egenolf**, Associate Professor, B.S., Indiana University; M.B.A., Southwest Texas State University; Ph.D., Texas A&M University
- Martha A. Fasci**, Associate Professor, B.S., Our Lady of the Lake University; M.B.A., North Texas State University; Ph.D., The University of Texas at Austin
- Fred Nordhauser**, Associate Professor, B.S., Cornell University; M.S., Ph.D., Purdue University
- Susan L. Nordhauser**, Associate Professor, B.A., Cornell University; M.S., Purdue University; Ph.D., The University of Texas at Austin
- James U. Ross**, Associate Professor, B.A., J.D., The University of Texas at Austin
- Ted D. Skekel**, Associate Professor, B.S., Florida State University; Ph.D., University of Oregon
- Dennis M. Bline**, Assistant Professor, B.S., Indiana University; M.B.A., Ph.D., University of Arkansas
- John E. Delaney**, Assistant Professor, B.S., Northern Illinois University; M.A.S., University of Illinois at Urbana
- Paul E. Hemmeter**, Assistant Professor, B.S., M.B.A., Ed.D., Indiana University
- Marshall K. Pitman**, Assistant Professor, B.S., M.B.A., Eastern Illinois University; Ph.D., University of Mississippi
- Petrea K. Sandlin**, Assistant Professor, B.B.A., M.P.A., Ph.D., The University of Texas at Austin
- Howard G. Smith**, Assistant Professor, B.A., S.U.N.Y., College at Cortland; B.A., M.B.A., California State University, Fullerton; D.B.A., Texas Tech University

#### *Division of Economics and Finance*

- Lila J. Flory-Truett**, Professor, B.A., Kansas State University; M.A., Ph.D., University of Iowa
- Antonio Furino**, Professor, J.D., University of Rome; Ph.D., University of Houston
- Dale B. Truett**, Professor, B.A., Purdue University; M.A., Ph.D., The University of Texas at Austin
- Winfield P. Betty**, Associate Professor, B.A., M.B.A., The University of Texas at Austin; Ph.D., North Texas State University
- Lynda Y. de la Vina**, Associate Professor, B.A., Pan American University; M.A., Ph.D., Rice University
- Kenneth E. Weiher**, Associate Professor, A.B., College of William and Mary; M.A., Ph.D., Indiana University
- Ronald M. Ayers**, Assistant Professor, B.S., M.A., University of New Orleans; Ph.D., Tulane University
- Keith W. Fairchild**, Assistant Professor, B.A., Ph.D., The University of Texas at Austin
- Saeid Mahdavi**, Assistant Professor, B.A., National University of Iran; M.A., Ph.D., University of California
- Lalatendu Misra**, Assistant Professor, C.M.E., Otkal University, India; M.B.A., Ph.D., The University of Texas at Austin
- Daphne D. Sipes**, Assistant Professor, B.A., J.D., University of South Carolina
- James D. Timmons**, Assistant Professor, B.S., Old Dominion University, M.B.A., College of William and Mary; Ph.D., University of Florida

*Division of Management and Marketing*

- William D. Litzinger**, Professor, B.S., New York University; M.B.A., University of Pennsylvania; D.B.A., University of Southern California
- Joel G. Saegert**, Professor, B.A., Ph.D., The University of Texas at Austin
- William T. Flannery**, Associate Professor, B.S., M.S., Ph.D., University of Houston
- Mary T. Hilger**, Associate Professor, B.A., B.B.A., M.B.A., Ph.D., The University of Texas at Austin
- William G. Mitchell**, Associate Professor, M.B.A., University of Chicago; Ph.D., Arizona State University
- Charles D. Porterfield**, Associate Professor, B.A., M.B.A., North Texas State University; Ph.D., Louisiana State University
- Paul Preston**, Associate Professor, B.S., Florida Atlantic University; M.B.A., University of Miami; D.B.A., University of Colorado
- Gary C. Raffaele**, Associate Professor, B.S., State University of New York; M.B.A., The University of Texas at Austin; D.B.A., Harvard Graduate School of Business
- Woodie A. Spivey**, Associate Professor, B.A.E., Georgia Institute of Technology; M.S., Texas Christian University; Ph.D., University of Houston
- Richard B. Wadsworth**, Associate Professor, B.S., Texas A&M University; M.S., Ph.D., University of Arizona
- Juan J. Gonzalez**, Assistant Professor, B.S., Universidad Nacional Autonoma de Mexico; M.I.B.S., Ph.D., University of South Carolina
- Robert H. Lengel**, Assistant Professor, B.S., Penn State University; M.B.A., M.S., Rensselaer Polytechnic Institute; Ph.D., Texas A&M University
- John P. McCray**, Assistant Professor, B.A., Chapman College; M.B.A., Northwestern Louisiana State University; Ph.D., Texas A&M University
- Raydell Tullous**, Assistant Professor, B.A., M.M.S., Texas Christian University; Ph.D., University of Santa Clara
- Stephen E. Werling**, Instructor, B.C.S., Tiffin University; M.B.A., University of Dayton

**COLLEGE OF FINE ARTS AND HUMANITIES***Division of Art and Design*

- Ronald C. Binks**, Professor, B.F.A., Rhode Island School of Design; M.F.A., Yale School of Art and Architecture
- James A. Broderick**, Professor, B.A., St. Ambrose College; M.A., University of Iowa
- Charles T. Field**, Professor, B.A., Stanford University; M.F.A., University of Washington
- Jacinto Quirarte**, Professor, B.A., M.A., San Francisco State College; Ph.D., Universidad Nacional Autonoma de Mexico
- Richard R. Tangum**, Professor, B.Arch., Texas Tech University; M.Arch., Virginia Polytechnic Institute; D.E.D., Texas A&M University
- Neil D. Maurer**, Associate Professor, B.A., Brown University; M.F.A., Rhode Island School of Design
- Stephen J. Reynolds**, Associate Professor, B.F.A., M.F.A., Colorado University; M.A., Denver University
- Judith B. Sobre**, Associate Professor, B.A., New York University; M.A., Ph.D., Harvard University
- Michael D. Bigger**, Assistant Professor, B.Arch., Miami University; M.F.A., Rhode Island School of Design
- John B. Hertz**, Assistant Professor, B.Arch., Arizona State University; M.Arch., University of California, Berkeley
- Leonard G. Lane, Jr.**, Assistant Professor, B.A., Rice University; M.Arch., Harvard University
- Dennis Olsen**, Assistant Professor, B.A., M.A., University of California, Los Angeles
- Kent T. Rush**, Assistant Professor, B.F.A., California College of Arts and Crafts; M.A., University of New Mexico; M.F.A., The University of Texas at Austin
- Robert J. Serry**, Assistant Professor, B.F.A., Pratt Institute; M.Arch., Harvard University Graduate School of Design
- Jon H. Thompson**, Assistant Professor, B.Arch., The University of Texas at Austin; M.Arch., University of Oregon

*Division of English, Classics, and Philosophy*

- Alan E. Craven**, Professor, B.A., M.A., Ph.D., University of Kansas
- Helen Aristar-Dry**, Associate Professor, B.A., Southern Methodist University; M.A., Ph.D., The University of Texas at Austin
- Theresa M. Kelley**, Associate Professor, B.A., University of Washington; M.A., Ph.D., Northwestern University
- Eileen T. Lundy**, Associate Professor, B.S., College of St. Teresa; Ph.D., The University of Texas at Austin
- Bonnie K. Lyons**, Associate Professor, B.A., M.A., Ph.D., Tulane University
- Margaret McBride**, Associate Professor, B.A., University of Kansas; M.A., Ph.D., University of Pennsylvania
- Arthur R. Miller**, Associate Professor, B.A., West Liberty State College; M.A., Ph.D., Michigan State University
- Marjorie R. Smelstor**, Associate Professor, B.A., College of Mount Saint Joseph-on-the-Ohio; M.A., Ph.D., University of Wisconsin
- John A. Stoler**, Associate Professor, B.A., Ripon College; M.A., San Francisco State College; Ph.D., University of Arizona
- Paul T. Alessi**, Assistant Professor, B.A., Wabash College; M.A., Indiana University; Ph.D., University of Missouri
- Mark E. Allen**, Assistant Professor, B.A., St. Norbert College; M.A., Arizona State University; Ph.D., University of Illinois
- Wendy B. Barker**, Assistant Professor, B.A., M.A., Arizona State University; Ph.D., University of California, Davis
- Mark H. Bernstein**, Assistant Professor, B.A., Queens College; M.A., California State University, Northridge; Ph.D., University of California, Santa Barbara
- Kenneth Hovey**, Assistant Professor, B.A., Cornell University; M.A., Graduate Theological Union; M.A., Ph.D., University of Virginia
- Wayne D. Owens**, Assistant Professor, A.B., Ohio University; M.A., Ph.D., DePaul University
- Jeanne T. Reesman**, Assistant Professor, B.A., Centenary College of Louisiana; M.A., Baylor University; Ph.D., University of Pennsylvania
- Linda T. Woodson**, Assistant Professor, B.A., Ph.D., Texas Christian University

*Division of Foreign Languages*

- Ricardo F. Benavides**, Professor, B.A., M.A., Universidad de Chile; Ph.D., Universidad Central de Madrid
- Beverly J. Gibbs**, Professor, B.A., M.A., University of Michigan; Ph.D., University of Wisconsin at Madison
- Jack Himelblau**, Professor, A.B., M.A., University of Chicago; Ph.D., University of Michigan
- Steven G. Kellman**, Professor, B.A., State University of New York; M.A., Ph.D., University of California
- Joseph Michel**, Professor, B.A., DeSalle College; M.A., Universidad Nacional Autonoma de Mexico; Ph.D., University of New Mexico
- Frank Pino, Jr.**, Professor, B.A., M.A., Arizona State University; Ph.D., Northwestern University
- Theodore L. Kassier**, Associate Professor, A.B., Columbia University; A.M., Ph.D., Princeton University
- Marc D. Silberman**, Associate Professor, B.A., University of Minnesota; A.M., Ph.D., Indiana University
- Townsend W. Bowling**, Assistant Professor, A.B., Washington University, St. Louis; A.M., Middlebury College Graduate School of French in France; Ph.D., Yale University
- Sally Said**, Assistant Professor, B.A., M.A., Ph.D., The University of Texas at Austin

*Division of Music*

- Bess E. Hieronymus**, Professor, B.M., B.A., Mary Hardin-Baylor College; M.A., Smith College; D.M.A., The University of Texas at Austin
- Rhoderick E. Key**, Professor, B.M.E., M.M.E., Southern Illinois University; Ed.D., University of Illinois
- Clarence J. Stuessy**, Professor, B.M., Southern Methodist University; M.A., Ph.D., Eastman School of Music
- Neil E. Wilson**, Professor, B.F.A., M.M., University of New Mexico; Ph.D., Indiana University

- Michael A. Fink**, Associate Professor, B.M., University of Southern California; M.M., New England Conservatory of Music; Ph.D., University of Southern California
- Donald A. Hodges**, Associate Professor, B.M.E., University of Kansas; M.M., Ph.D., The University of Texas at Austin
- Robert J. Rustowicz**, Associate Professor, B.M.E., Central Michigan University; M.M., D.M.A., College-Conservatory, University of Cincinnati
- John J. Silantien**, Associate Professor, B.M.E., Hartt College of Music; M.M., The Catholic University of America; D.M.A., University of Illinois
- Thomas A. Gaab**, Assistant Professor, B.A., California State University, Fresno; M.M., D.M.A., University of Southern California
- Janice Kay Hodges**, Assistant Professor, B.M., University of Kansas; M.M., Temple University; D.M.A., The University of Texas at Austin
- Reed K. Holmes**, Assistant Professor, B.M., M.M., University of Tennessee; Ph.D., The University of Texas at Austin
- Alberto P. Rafols**, Assistant Professor, B.M., M.M., University of Illinois; D.M.A., University of Washington
- Darhyl S. Ramsey**, Assistant Professor, B.M., Carson-Newman College; M.A., Ph.D., University of Iowa

## COLLEGE OF SCIENCES AND ENGINEERING

### *Division of Engineering*

- Richard S. Howe**, Professor of Civil Engineering, B.S., University of Kentucky; S.M., Massachusetts Institute of Technology; M.S., M.S., Ph.D., University of Wisconsin, P.E.
- Chia-Shun Shih**, Professor of Civil Engineering, B.S., National C.K. University in Taiwan; M.S., Ph.D., The University of Texas at Austin, P.E.
- Richard T. Smith**, Professor of Electrical Engineering, B.S.E.E., M.S.E.E., Lehigh University; Ph.D., Illinois Institute of Technology, P.E.
- James H. Tracey**, Professor of Electrical Engineering, B.S.E.E., M.S.E.E., Ph.D.E.E., Iowa State University, P.E.
- Gilbert Aguirre-Ramirez**, Associate Professor of Civil Engineering, B.S., University of California at Berkeley; M.S.C.E., University of Washington; Ph.D., Purdue University, P.E.
- Marvin L. Chatkoff**, Associate Professor of Electrical Engineering, B.A., University of Oklahoma; M.S., University of Southern California; Ph.D., University of New Mexico
- Daniel O. Hogenauer**, Associate Professor of Civil Engineering, B.S., Haverford College; Ph.D., Johns Hopkins University
- John B. Lenox**, Associate Professor of Mechanical Engineering, B.S.M.E., M.D., University of Pennsylvania; M.S.M.E., Ph.D., Stanford University, P.E.
- Yesh P. Singh**, Associate Professor of Mechanical Engineering, B.E., University of Roorkee; M.S., Youngstown State University; D.Eng., University of Wisconsin, Milwaukee, P.E.
- German A. Arroyo**, Assistant Professor of Civil Engineering, B.S., Universidad Nacional de Ingenieria, Lima, Peru; M.S., Ph.D., New Mexico State University, Las Cruces, P.E.
- Geoffrey W. Blaney**, Assistant Professor of Civil Engineering, B.S., Northeastern University; M.S., Massachusetts Institute of Technology; M.E., University of California at Berkeley; Ph.D., University of Houston, P.E.
- Lola Boyce**, Assistant Professor of Mechanical Engineering, B.S., M.S., Ph.D., Texas A&M University, P.E.
- Jahan Eftekhar**, Assistant Professor of Mechanical Engineering, B.S., University of Tehran; M.S., Ph.D., The University of Texas at Arlington, P.E.
- Behnam Kamali**, Assistant Professor of Electrical Engineering, B.S.E.E., Tehran Polytechnique; M.E., California State Polytechnic University; M.S.E.E., Oregon State University; Ph.D., Arizona State University
- Amir Karimi**, Assistant Professor of Mechanical Engineering, B.S., B.S., Oregon State University; M.S., University of Portland; Ph.D., University of Kentucky, P.E.
- Philip D. Olivier**, Assistant Professor of Electrical Engineering, B.S., Loyola University; M.S., Ph.D., Texas Tech University, P.E.
- John L. Schmalzel**, Assistant Professor of Electrical Engineering, B.S.E.E., M.S.E.E., Ph.D., Kansas State University

**Gurvinder P. Singh**, Assistant Professor of Mechanical Engineering, B.S., Panjab Engineering College; M.S., Ph.D., Drexel University, P.E.

**Parimal Patel**, Instructor of Electrical Engineering, B.S., The University of Bombay; M.S., The University of Texas at Austin

**Arturo H. Riojas**, Instructor of Civil Engineering, B.S., M.S., Stanford University, P.E.

*Division of Earth and Physical Sciences*

**Petr Hochmann**, Professor, M.S., Charles' University, Prague; Ph.D., Czechoslovak Academy of Science, Prague

**Robert K. Smith**, Professor, B.S., Washington State University; M.S., Ph.D., University of Iowa

**B. S. Thyagarajan**, Professor, B.S., Loyola College, India; M.S., Ph.D., Presidency College, India

**John W. Adams**, Associate Professor, B.S., M.S., Utah State University; Ph.D., Washington State University

**Weldon W. Hammond**, Associate Professor, B.A., M.A., Ph.D., The University of Texas at Austin

**James O. Jones**, Associate Professor, B.S., Midwestern State University; M.S., Baylor University; Ph.D., University of Iowa

**Robert D. Renthal**, Associate Professor, B.A., Princeton University; Ph.D., Columbia University

**Philip L. Stotter**, Associate Professor, A.B., Harvard College; A.M., Ph.D., Columbia University

**Eric R. Swanson**, Associate Professor, B.S., Western Michigan University; M.A., Ph.D., The University of Texas at Austin

**Miroslav Synek**, Associate Professor, B.S., M.S., Charles' University, Prague; Ph.D., University of Chicago

**Robert F. Williams**, Associate Professor, B.A., Gettysburg College; Ph.D., Emory University

**Stuart J. Birnbaum**, Assistant Professor, B.S., State University of New York at Stony Brook; Ph.D., University of Cambridge

**James M. Gallas**, Assistant Professor, B.S., Albright College; M.S., Drexel University; Ph.D., University of Houston

**Alan P. Morris**, Assistant Professor, B.S., University of London; Ph.D., University of Cambridge

**Patrick L. Nash**, Assistant Professor, B.S., University of Arizona at Tucson; Ph.D., University of North Carolina at Chapel Hill

**Dennis S. Rushforth**, Assistant Professor, B.S., Brigham Young University; Ph.D., Northwestern University

**Dhiraj K. Sardar**, Assistant Professor, B.S., M.S., University of Calcutta; Ph.D., Oklahoma State University

*Division of Life Sciences*

**M. Neal Guentzel**, Professor, B.A., M.A., Ph.D., The University of Texas at Austin

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

**Paul H. Rodriguez**, Professor, B.S., Creighton University; M.S., University of New Mexico, Ph.D., University of Rhode Island

**Matthew J. Wayner**, Professor, A.B., Dartmouth College; M.S., Tufts University; Ph.D., University of Illinois

**Andrew T. C. Ts'in**, Associate Professor, B.S., Dalhousie University; M.S., Ph.D., The University of Alberta

**Oscar W. VanAuken**, Associate Professor, B.S., High Point College; M.S., Ph.D., University of Utah

**Deborah L. Armstrong**, Assistant Professor, B.A., Hiram College; M.S., Ph.D., Syracuse University

**James P. Chambers**, Assistant Professor, B.A., St. Mary's University; M.A., Incarnate Word College; Ph.D., The University of Texas Health Science Center at San Antonio

**Brenda J. Claiborne**, Assistant Professor, B.A., University of California; M.S., University of Oregon; Ph.D., University of California

**Paula F. Dehn**, Assistant Professor, A.B., M.A., DePauw University; Ph.D., University of South Florida

**Andrew O. Martinez**, Assistant Professor, B.S., College of Santa Fe; M.S., Ph.D., University of Arizona

**Dianna B. Roberts**, Assistant Professor, B.A., Radcliffe College; M.S., Ph.D., The George Washington University

**David M. Senseman**, Assistant Professor, B.S., Kent State University; M.S., Ph.D., Princeton University

*Division of Mathematics, Computer Science and Systems Design*

**Manuel P. Berrozabal**, Professor, B.S., Rockhurst College; M.S., Notre Dame University; Ph.D., University of California at Los Angeles

**Lucio Tavernini**, Professor, B.S., Heald Engineering College; M.S., University of Colorado; M.S., Ph.D., University of Wisconsin at Madison

**Ram C. Tripathi**, Professor, B.A., M.A., Banaras Hindu University, India; M.S., Ph.D., University of Wisconsin at Madison

**Joseph E. Valentine**, Professor, B.S., Southwest Missouri State; M.S., University of Illinois; Ph.D., University of Missouri

**Stanley G. Wayment**, Professor, B.S., Brigham Young University; M.S., Stanford University; M.S., Ph.D., University of Utah

**Youn-Min Chou**, Associate Professor, B.S., National Taiwan University; M.S., University of Texas at El Paso; Ph.D., Southern Methodist University

**Joe W. Duran**, Associate Professor, B.S., Southern Methodist University; Ph.D., The University of Texas at Austin

**William B. Gearhart**, Associate Professor, B.S., M.S., Ph.D., Cornell University

**Jerome P. Keating**, Associate Professor, B.S., M.A., Ph.D., University of Texas at Arlington

**Hugh B. Maynard**, Associate Professor, B.S., California Institute of Technology; M.S., Ph.D., University of Colorado

**Kay A. Robbins**, Associate Professor, S.B., Ph.D., Massachusetts Institute of Technology

**Steven Robbins**, Associate Professor, S.B., S.M., Ph.D., Massachusetts Institute of Technology

**Betty P. Travis**, Associate Professor, B.A., M.S., St. Mary's University; Ph.D., The University of Texas at Austin

**Gregory P. Wene**, Associate Professor, B.A., M.A., The University of Texas at Austin; Ph.D., University of Iowa

**Lawrence R. Williams**, Associate Professor, B.S., Texas Southern University; M.A., Ph.D., University of Michigan at Ann Arbor

**Grace C. Cascio**, Assistant Professor, B.S., M.S., Northeast Louisiana University; Ph.D., University of Southwestern Louisiana

**A. Veronica Czitrom**, Assistant Professor, B.A., M.S., University of California, Berkeley; Ph.D., The University of Texas at Austin

**David H. Eberly**, Assistant Professor, B.A., Bloomsburg University; M.S., Ph.D., University of Colorado

**Robert L. Fountain**, Assistant Professor, B.A., M.A., The University of Texas at Austin; M.A., Ph.D., University of New Mexico

**Michael D. Humphries**, Assistant Professor, A.B., William Jewell College; M.S., Ph.D., University of Missouri-Rolla

**Dennis M. Kern**, Assistant Professor, B.S., M.S., St. Mary's University; Ph.D., Texas Tech University

**Ching-Man Kwan**, Assistant Professor, B.S., Queen's University, Kingston, Ontario; M.S., University of Wisconsin, Madison; Ph.D., University of North Carolina

**Mladen Luksic**, Assistant Professor, B.S., University of Zagreb, Yugoslavia; M.S., Virginia Polytech Institute and State University; Ph.D., Texas Tech University

**Nikos Salingaros**, Assistant Professor, B.S., University of Miami; M.A., Ph.D., State University of New York at Stony Brook

## COLLEGE OF SOCIAL AND BEHAVIORAL SCIENCES

*Division of Behavioral and Cultural Sciences*

**Richard E. W. Adams**, Professor, B.A., University of New Mexico; M.A., Ph.D., Harvard University

**Felix D. Almaraz, Jr.**, Professor, B.A., M.A., St. Mary's University; Ph.D., University of New Mexico

**Raymond R. Baird**, Professor, A.B., Eastern New Mexico University; M.A., Ph.D., University of Washington

**Dwight F. Henderson**, Professor, B.A., M.A., Ph.D., The University of Texas at Austin

- Thomas R. Hester**, Professor, B.A., The University of Texas at Austin; Ph.D., University of California at Berkeley
- David R. Johnson**, Professor, B.A., University of Illinois; M.A., Ph.D., University of Chicago
- David J. Schneider**, Professor, B.A., Wabash College; Ph.D., Stanford University
- Woodruff D. Smith**, Professor, A.B., Harvard University; A.M., Ph.D., University of Chicago
- Steven R. Boyd**, Associate Professor, B.A., Claremont Men's College; M.A., Ph.D., University of Wisconsin at Madison
- James R. Dykes**, Associate Professor, B.A., Ph.D., The University of Texas at Austin
- Joel D. Gunn**, Associate Professor, B.A., M.A., University of Kansas; Ph.D., University of Pittsburgh
- Gilberto M. Hinojosa**, Associate Professor, B.A., Our Lady of the Snows; M.A., St. Mary's University; Ph.D., The University of Texas at Austin
- Michael P. Ryan**, Associate Professor, B.A., Pomona College; Ph.D., Stanford University
- Maria-Luisa Urdaneta**, Associate Professor, B.A., M.A., The University of Texas at Austin; Ph.D., Southern Methodist University
- George D. Bishop**, Assistant Professor, B.A., Hope College; M.S., Ph.D., Yale University
- Antonio Calabria**, Assistant Professor, A.B., Brown University; M.A., Ph.D., University of California at Berkeley
- Ann R. Eisenberg**, Assistant Professor, B.A., M.A., Johns Hopkins University; Ph.D., University of California at Berkeley
- Robert M. Hill, II**, Assistant Professor, A.B., M.A., Ph.D., University of Pennsylvania
- Linda K. Pritchard**, Assistant Professor, B.A., University of Michigan; M.A., Ph.D., University of Pittsburgh
- John F. Reynolds**, Assistant Professor, B.A., M.A., Michigan State University; Ph.D., Rutgers University
- James C. Schneider**, Assistant Professor, B.A., St. Lawrence University; M.A., Ph.D., University of Wisconsin at Madison
- Susan R. Smulyan**, Assistant Professor, B.A., M.Phil., Ph.D., Yale University
- Richard M. Wenzlaff**, Assistant Professor, B.A., The University of Texas at San Antonio; M.A., Trinity University; Ph.D., The University of Texas at Austin

*Division of Bicultural-Bilingual Studies*

- Curtis W. Hayes**, Professor, B.A., M.A., California State University at Long Beach; Ph.D., The University of Texas at Austin
- Carolyn L. Kessler**, Professor, B.A., St. Mary-of-the-Woods College; M.S., Ph.D., Georgetown University
- Albar A. Pena**, Professor, B.S., The University of Texas at Austin; M.A., Texas A&I University; Ph.D., The University of Texas at Austin
- Mauricio E. Charpenel**, Associate Professor, B.A., Central Missouri State; M.A., Universidad Nacional Autonoma de Mexico; M.L.S., Ph.D., The University of Texas at Austin
- Robert D. Milk**, Associate Professor, B.A., M.A., Ph.D., Stanford University

*Division of Education*

- John W. Hollomon**, Professor, B.A., Dillard University; M.A., West Virginia University; M.A., Universidad Interamericana, Saltillo; Ph.D., University of New Mexico
- Robert J. Krajewski**, Professor, B.S., M.S., University of Illinois; Ed.D., Duke University
- Wayne W. Laughery**, Professor, B.A., M.A., San Diego State College; Ed.D., Columbia University Teachers College
- Berry Sutherland**, Professor, B.S., The University of Texas at Austin; M.S., Ed.D., University of Houston
- Elwood B. Traylor**, Professor, B.A., Greenville College; M.A., Ed.D., Washington University at St. Louis
- James W. Wagener**, Professor, B.A., Southern Methodist University; M.A., Ph.D., The University of Texas at Austin
- Paul H. Westmeyer**, Professor, B.S., M.A., Ball State University; Ed.D., University of Illinois
- L. Jean York**, Professor, B.A., Kalamazoo College; M.Ed., Wayne State University; Ed.D., Indiana University
- Ronnie N. Alexander**, Associate Professor, B.S., M.A., Central State University; Ed.D., University of Kansas
- Anthony J. Arabia**, Associate Professor, A.B., M.Ed., M.L.S., Ph.D., University of Pittsburgh

- George R. Colfer**, Associate Professor, B.S., Lock Haven State College; M.S., Ithaca College; Ph.D., Texas A&M University
- Gillian E. Cook**, Associate Professor, B.A., Sir George Williams University; Ed.M., Ed.D., Harvard Graduate School of Education
- Richard A. Diem**, Associate Professor, B.S., Bradley University; M.S., Southern Illinois University; M.A., Colorado State University; Ph.D., Northwestern University
- Barbara M. Gonzalez-Pino**, Associate Professor, B.A., M.A., Ph.D., The University of Texas at Austin
- Tony W. Johnson**, Associate Professor, B.A., Western Carolina University; M.A., Ph.D., George Peabody College for Teachers
- Marian L. Martinello**, Associate Professor, B.S., M.S., Queens College; Ed.D., Columbia University Teachers College
- Katherine Strickland**, Associate Professor, B.A., M.S., University of Wisconsin; Ph.D., University of Florida
- Sue Clark Wortham**, Associate Professor, B.S., University of Houston; M.A., Southwest Texas State University; Ph.D., The University of Texas at Austin
- Kenneth W. Wunderlich**, Associate Professor, B.A., Ph.D., The University of Texas at Austin
- Jesse T. Zapata**, Associate Professor, A.A., San Antonio College; B.A., The University of Texas at Austin; M.Ed., Texas Tech University; Ph.D., Arizona State University
- Aurelia D. De Silva**, Assistant Professor, B.A., M.Ed., Ph.D., The University of Texas at Austin
- Diana M. Drake**, Assistant Professor, B.A., Swarthmore College; Ed.M., Ed.D., Harvard Graduate School of Education
- Larry B. Golden**, Assistant Professor, B.Ed., University of Miami; M.S., City University of New York; Ph.D., Arizona State University
- Rosalind Horowitz**, Assistant Professor, B.S., M.A., Ph.D., University of Minnesota
- David S. Katims**, Assistant Professor, B.A., University of South Florida; M.S., Barry University; Ed.D., Boston University
- William H. Teale**, Assistant Professor, B.A., Pennsylvania State University; M.Ed., Ed.D., University of Virginia

*Division of Social and Policy Sciences*

- Thomas J. Bellows**, Professor, B.A., Augustana College; M.A., University of Florida; M.A., Ph.D., Yale University
- Ronald H. Rogers**, Professor, B.S., Florida State University; M.S., Michigan State University; M.P.A., University of Southern California; Ph.D., Claremont Graduate School
- Thomas A. Baylis**, Associate Professor, A.B., Duke University; M.A., Ph.D., University of California, Berkeley
- James D. Calder**, Associate Professor, B.A., University of Maryland; M.S., California State University, Long Beach; Ph.D., Claremont Graduate School
- Richard A. Gambitta**, Associate Professor, B.A., M.A., Ph.D., Syracuse University
- Richard J. Harris**, Associate Professor, B.A., Macalester College; M.A., Ph.D., Cornell University
- Richard C. Jones**, Associate Professor, B.S., Austin Peay State University; M.A., Indiana University; Ph.D., Ohio State University
- Richard A. Lawrence**, Associate Professor, B.A., Bethel College; M.A., St. Mary's University; Ph.D., Sam Houston State University
- Edgar W. Mills, Jr.**, Associate Professor, D.B., Ph.B., University of Chicago; Ph.D., Harvard University
- Avelardo Valdez**, Associate Professor, B.S., M.A., University of Wisconsin, Milwaukee; M.A., Ph.D., University of California, Los Angeles
- Roger C. Barnes**, Assistant Professor, B.A., M.A., Ph.D., University of Kansas
- John R. Bauer**, Assistant Professor, B.A., M.A., St. Mary's University; Ph.D., Duke University
- Nadine S. Koch**, Assistant Professor, B.A., San Diego State University; M.A., Ph.D., Ohio State University

**David A. Kowalewski**, Assistant Professor, B.A., Mount Angel Seminary; M.A., University of Oklahoma; M.A., M.A., Ph.D., University of Kansas

**Raymond R. Leal**, Assistant Professor, B.S., The University of Texas at Austin; M.A., University of Arkansas; Ph.D., Indiana University

**Gary A. Mattson**, Assistant Professor, B.A., State University of New York at Albany; M.P.A., City University of New York; M.C.P., University of Rhode Island; Ph.D., University of Delaware

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

**Judith S. McIlwee**, Assistant Professor, B.A., San Diego State University; M.A., Ph.D., University of California, San Diego

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

**Jeffrey B. Roet**, Assistant Professor, B.A., State University of New York at Buffalo; M.A., Ph.D., Northwestern University

## HISTORY

On June 5, 1969, the legislative act creating The University of Texas at San Antonio as a component institution of The University of Texas System was signed into law by the Governor. By this legislation directing that The University of Texas at San Antonio offer "courses leading to such customary degrees as are offered at leading American universities," the Legislature of the State of Texas established a new public institution of higher learning that would serve both undergraduate (lower and upper division) and graduate students. The legislation further stipulated that The University be "one of the first class."

In May 1970, the Board of Regents of The University of Texas System accepted a gift of approximately 600 acres of wooded land located sixteen miles northwest of the center of San Antonio to serve as the permanent campus for The University of Texas at San Antonio. Shortly thereafter administrative and planning offices were established in the former Maison Blanche building on the grounds of HemisFair Plaza.

By the end of 1970, a master conceptual plan for the permanent campus was approved by the Board of Regents, and by June 1971, final plans and specifications for the first seven permanent buildings of the campus were completed. After completion of the site improvement work, construction contracts were awarded in May 1972, calling for a completion date of May 1974, subsequently revised because of construction delays.

In January 1972, temporary classrooms and offices were acquired in northwest San Antonio in the Koger Executive Center at the intersection of Loop 410 and Babcock Road. Graduate students enrolled for the first time at the Koger site in June 1973. These facilities were occupied by The University until buildings on the new campus became available. Upper-division junior and senior students were accepted on the permanent campus in September 1975; and lower-division students were registered in June 1976.

In the Spring of 1972, the Board of Regents of The University of Texas System and the Coordinating Board, Texas College and University System approved the academic organization and degree programs recommended for the new university. These degree programs, additional degree programs subsequently approved, as well as additional changes in UT San Antonio's organizational structure are described in the institutional catalogs.

The second phase of campus construction was initiated in Summer 1977. This phase consisted of a classroom and office building; an addition to the Arts Building, including a sculpture and ceramics studio building; ten outdoor championship tennis courts; and an outdoor multipurpose playing field with 400-meter running track.

The Student Representative Assembly had its constitution approved by the Board of Regents on October 1, 1976, and the first slate of officers was elected in November 1976.

The Alumni Association was chartered in Fall 1977.

A University Center Building opened in Summer 1986. The first residence hall on the UT San Antonio campus opened in Fall 1986.

## MISSION

UT San Antonio, a comprehensive public urban university, is committed to freedom of inquiry and the creation of an environment in which people can teach, discover, learn and enrich their individual 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 and economic 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 programs leading to the bachelor's and master's degrees, and selected doctoral programs (upon approval), 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 undergraduate students to develop those characteristics of a truly educated person through its general education requirements in social sciences, languages and culture, sciences and mathematics.

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 students 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 multi-disciplinary 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 Vice President for Academic Affairs, a Vice President for Administration and a Vice President for Business Affairs. The Vice President for Academic Affairs provides the President with advice and counsel on academic matters and acts as a liaison between the President's Office and faculty committees concerned with academic matters. The Vice President for Academic Affairs chairs the Deans' Council. With approval of the Board of Regents of a non-traditional administrative structure for graduate education at UT San Antonio, the administrative functions that ordinarily are the responsibility of a Graduate Dean are carried out by the Vice President for Academic Affairs. As the administrative officer responsible for graduate education, this officer chairs the Council on Graduate Educa-

tion. The Vice President for Administration 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 sponsored research and contracts, affirmative action, and the duties performed by the Director of Media Resources, the Director of Libraries and the Dean of Students. 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. This officer is responsible for budget preparation and analysis.

Operational administration of the graduate and undergraduate programs of The University is the responsibility of the Deans of the four Colleges. The Deans report to the Vice President for Academic Affairs. They provide leadership in program, faculty, and staff development.

Instructional programs within the Colleges are organized by Divisions, headed by Division Directors, who have responsibility under the Dean for the operation of their Divisions. Division Directors also are expected to provide leadership in faculty and staff development and in academic program development.

Continuing Education activities of The University are coordinated within each of the four Colleges. Through each of the College Deans, the University develops, promotes, coordinates, evaluates, and provides financial and logistical support for conferences, institutes, short courses, workshops, seminars, and special training programs. While no permanently assigned faculty are employed, instructors for the various activities are selected from one or more of the four Colleges within The University of Texas at San Antonio or from institutions or organizations outside The University.

## **ACCREDITATION**

The University of Texas at San Antonio is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools as a Level III, General postsecondary institution.

## **THE JOHN PEACE LIBRARY**

The John Peace Library of The University of Texas of San Antonio, named in 1974 in honor of the late former Chairman of The University of Texas System Board of Regents, has undergone rapid development and expansion since 1972, when work began on the development of collections. As of Fall 1986 the collections of the library include 373,000 cataloged volumes; 174,000 federal, state and local documents; and 357,000 volume equivalents held in microform for a wide range of subjects. The library has approximately 2,350 subscriptions to periodicals and receives as a designated depository a wide variety of federal, state, and local documents. All materials have been selected to support the teaching and research needs of UT San Antonio.

The UT San Antonio special collections and rare books focus on Western Americana and on Texana. Most notable among the special collections are the John Peace Collection of books and documents in the period of the Texas Republic and the Kathryn Stoner O'Connor Collection of early Texas and Mexican materials owned by the Sons of the Texas Republic, on permanent deposit in the Special Collections department.

The public service staff includes professional librarians with subject specialties who offer reference and bibliographic assistance to students and faculty. On-line catalog and on-line computer searching are available as is a full range of inter-library loan services. Circulations, acquisitions, and cataloging procedures are highly automated. The library is a member of OCLC, a national cataloging network. It is also a member of the Council on Research and Academic Libraries (CORAL), a library network which

has as its goals the developing and strengthening of information resources and services in the greater San Antonio area.

The library building is designed to offer full services and convenience to students and faculty. The majority of books and periodicals are on open shelves for browsing and ease of access. In addition to the traditional library facilities, the John Peace Library also has full audio-visual capability, music listening facilities, and a curriculum materials center. Carrels, group study rooms, lounges, and faculty studies are conveniently located throughout the building to provide ideal study conditions. Coin-operated copying equipment for paper and microform materials are available to library users.<sup>1</sup>

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

The Institute for the Arts and Humanities is located in the College of Fine Arts and Humanities. The 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 pursuing research and further studies, and making available general information on the arts of Western Europe and the Americas.

The Institute fosters professional research in the fine arts and humanities. It provides opportunities for faculty and students in the College to continue their research and to serve the community of scholars within and outside The University.

### **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 will have a primary focus 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 center of the College of Business. The major objective of the Institute is to offer the opportunity for students and faculty of The University to have an adequate environment for problem solving and community-related research. 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 produce useful information for public and private decision making. Specialized data files are maintained on a continuing basis, while a research library and information systems guide interested users to sources of information. The knowledge and experience of The University's faculty are utilized to solve specific problems in the broad categories of management, finance, administration, planning, economic feasibility, production, economic impact, anti-trust laws and procedures, international trade, environmental protection, and human resource utilization.

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

The Institute for Research in Sciences and Engineering (IRSE) addresses the research functions of the College of Sciences and Engineering. The major goals of IRSE are to offer opportunities for expanded research in the science and engineering fields for faculty and graduate students, to nurture interdisciplinary, mission-oriented team re-

---

<sup>1</sup>Additional information on the John Peace Library and on its borrowing regulations may be obtained in the library.

search projects, and to provide an educational opportunity whereby individual skills can be developed to fill employer's needs for scientific, engineering and technical fields. Although IRSE is a part of the College of Sciences and Engineering, it interacts with the faculty of the other Colleges and with the local research community through the Southwest Research Consortium.

IRSE serves as a focal point for science and engineering activities at the University by providing contract and grant management and by furnishing services and research support for faculty and students. Exceptional students have an opportunity to gain valuable work experience through the various research and educational programs supported by IRSE.

IRSE seeks to support the individual involved in research, as well as to nourish team research for projects requiring the strength of individuals drawn from many disciplines. Individual research projects are active in all areas of the College, ranging from the life sciences, chemistry, computer science and systems design, physics, civil engineering, electrical engineering, and mechanical engineering to geology.

### **CENTER FOR HUMAN ORIENTED SCIENCES AND ENGINEERING**

Because of the strength of the team effort addressing the application of the sciences and engineering to problems relating to human characteristics and requirements involved in complex systems including both physical and social aspects of the environment, the Center for Human Oriented Sciences and Engineering (CHOSE) has been formed within IRSE. CHOSE emphasizes studies in applied mathematics and statistics, information and computer science, cognitive science including artificial intelligence and computer-aided instruction, and human physiology and performance.

Team efforts have been conducted in the past in diverse areas involving pharmacological chemistry, health related issues, and energy and environmental studies. When the effort is of appropriate magnitude, centers such as CHOSE will be formed as a mechanism for enhancing the research effort.

### **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; (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.

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 200 volumes in 10 publications series: *Archaeological Survey Re-*

*ports; 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 300 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 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.

### **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 in learning and development, particularly as it applies to the educational process. Faculty and students from this College, as well as faculty and students from other Colleges of the University, are encouraged to 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's role involves identifying and coordinating faculty, student, and community interests, needs, and resources. Faculty members from the College and The University, with interest and training in learning and development in education, participate in projects related to the Center's activity.

### **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 hour of graduate coursework.

### **OFFICE OF RESEARCH ON TEACHING PERFORMANCE**

The Office of Research on Teaching Performance (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 effective teaching processes to promote students' learning, (2) to study teaching performance in varied instructional settings, and (3) to interpret and disseminate research findings on the processes of teaching and teacher evaluation 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 performance and teaching effectiveness.

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 on teaching and to promote understanding of the complexities and dimensions of teaching performance.

### **THE UNIVERSITY BOOKSTORE**

The University Bookstore, owned and operated by UT San Antonio, is located on the first level of the Science Building. The Bookstore provides a complete stock 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 and the other located in the University Center, provide complete food and beverage service to the University community. Owned and operated by UT San Antonio, the cafeterias provide breakfast, lunch, dinner and snacks. Daily specials and salad bars are available at these facilities. The Subway 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. The University Food Service also provides catering 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.

### **COMPUTING RESOURCES**

Computing services at UT San Antonio are provided by three host systems located in a central computing facility in the John Peace Library. Two of the hosts, an IBM 4300 series system and an DEC VAX system, support academic activity with both on-line and batch capabilities. Interactive terminals are available to students in "Terminal Laboratories" located in several buildings. Dial-in support is also provided for access to these academic systems. Each of the Colleges has established "Microcomputer Labo-

ratories" which provide its students access to this leading edge technology applied to problems specific to its curriculum.

Administrative processing is provided by the third host, an IBM 4300 series system, which supports the Integrated Student Information System as well as an automated library system and the University's financial systems.

### **OFFICE OF MEDIA RESOURCES**

The Office of Media Resources is a university-wide media unit for UTSA located with offices, production studios, and the audiovisual center in the Multidisciplinary Studies Building. A-V sub-centers are located in the Humanities-Business Building and the Science Building.

The Office of Media Resources offers a variety of services in support of academic activities. Some of these services include film selection and ordering assistance; graphic art production including typesetting, laminating, overhead transparency design and original artwork; photography in black and white and color; scheduling and distribution of audio-visual equipment for classroom and research use; television and audio production; public address sound support; equipment maintenance; and technical-consultative services for instructional and professional development.

### **THE UNIVERSITY CENTER BUILDING**

The University Center Building, 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 University Center Program Council office, and the Student Activities Office.