

Fall 1999

Nova Quarterly: The University of Texas at El Paso

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FALL 1999

NOVA

Q U A R T E R L Y
THE UNIVERSITY OF TEXAS AT EL PASO

UTEP's Distinguished Alumni



John Boice Jr.



Mardee de Wetter

*There is nothing
that brightens
business trips more
than encountering
UTEP alumni in
unexpected places,
and it is astonishing
how often that
happens —
UTEP graduates
are everywhere!*



One of the aspects of being UTEP's President that I enjoy most is presenting diplomas to students at graduation. I consider it a great privilege to be a part of the joyful celebration of the graduates and the thousands of family members and friends who join us in the Don Haskins Center for these very special occasions.

The radiant smiles of the graduates as they walk across the stage reflect not only their happiness at reaching this important milestone in their lives, but also their excitement in contemplating the rich opportunities that lie ahead.

Equally enjoyable are the opportunities I have to meet UTEP alumni, and to learn about their experiences at the university and their many accomplishments since leaving us.

A majority of UTEP alumni reside in the El Paso-Juárez area, and I seldom spend a day here without interacting with some of them: educators, business professionals, physicians, attorneys, accountants, nurses and other health professionals,

musicians and artists, political and civic leaders, and so many more who contribute to the human and economic development of this region and its quality of life.

Many UTEP alumni have pursued careers and lives elsewhere. In my travels across the country and in Mexico, I regularly have the pleasure — sometimes the delightful surprise! — of meeting UTEP alumni. There is nothing that brightens business trips more than encountering UTEP alumni in unexpected places, and it is astonishing how often that happens — at meetings, on airplanes, in airports, at other universities, in governmental and business settings — UTEP graduates are everywhere!

I am no longer surprised, while waiting to get on an airplane or doing some other business, to hear the words: "Aren't you Dr. Natalicio, President of UTEP?" And, when I do hear them, I know that I will get good news about graduates' accomplishments and about how important UTEP was in setting the stage for them.

During such conversations, alumni often ask me, "Is Professor X or staff member Z still at the university?" This is usually followed by a story about the impact of that faculty or staff member's high academic standards and his or her commitment to student success.

My response is usually another question: "Have you thought about writing a note to Professor X or staff member Z to let them know that you remember them and the critical role they played in your life?" I know that there is nothing that pleases faculty and staff members more than to know how much their good work is valued, and letters from grateful alumni say that in a very special way.

So, to the alumni readers of *NOVA Quarterly*, I pose the same challenge. Why don't you drop a note to faculty and staff members who were especially helpful to you during your days as a student at UTEP? Your accomplishments are the best measure of our success as an educational institution.

We would love to hear from you.

— Diana Natalicio
UTEP President

NOVA

Q U A R T E R L Y
THE UNIVERSITY OF TEXAS AT EL PASO

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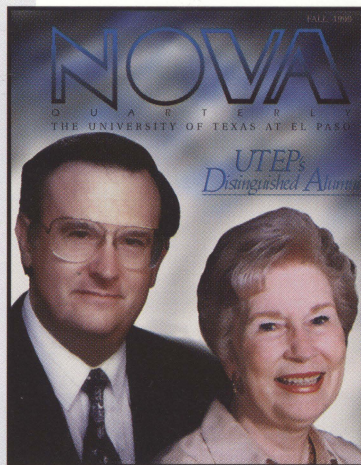
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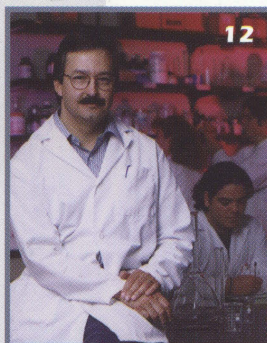
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By Judy Jimenez



Ann Gates

FACULTY FOCUS

As a Hispanic woman who is respected for her cutting-edge research, Ann Quiroz Gates is a powerful role model for fledgling computer scientists at UTEP.

Each day, this well-published scholar balances her research endeavors — supported by such industry leaders as Sandia National Laboratories and NASA — with a full load of teaching and mentoring.

With an open-door policy for all of her students, Gates welcomes the next generation of computer science professionals into her laboratory, challenging their intellectual capabilities and fueling their academic growth.

With her colleague Patricia Teller, Gates oversees the Systems and Software Engineering Affinity Research Group, which pairs undergraduate and graduate student researchers on projects that emphasize team work and technical excellence.

The Affinity Research Group model has attracted national attention and funding. The National Science Foundation and the Department of Energy are supporting Gates' efforts to build a new kind of professor — one who creates an environment that develops, nurtures and supports the practice of research for both student and scholar.



Legacy Legend: A Mother's Love of Learning

by Timi Haggerty

Shigeko Chan was an inspiring woman of elegance with a gift for numbers, a love of learning and an intense devotion to her children. After her death in a car accident in 1992, her husband, Dr. James Chan, a highly respected, long-time El Paso urologist, sought to honor the memory of his beloved partner of nearly 30 years.

The decision to honor Shigeko with the establishment of a Distinguished Professorship in Mathematical Sciences at UTEP could not have been more appropriate. Shigeko's keen interest in the mathematical sciences was lovingly passed on to her three children, John, Paul and Ann, who have used their acquired skills in mathematics to achieve exceptional academic and professional successes.

Growing up in Japan, Shigeko always excelled academically, graduating at the top of her high-school class. She completed her training at the Keio University School of Nursing in Tokyo, and was conducting post-graduate studies at New York University when she met James.

The importance and value of education was deeply ingrained in her, and she was determined to pass that ardor on to her children. She committed her life to laying a strong foundation for her children's future success, homeschooling them everyday after they had completed a full day's studies in regular classes. "While putting the emphasis on schooling and stressing academic excellence, she created a strong family," James says.

Following in their mother's footsteps, all three children graduated as valedictorian of their respective classes at Eastwood High School. John and Paul both graduated with bachelor's degrees from the Massachusetts Institute of Technology — John in electrical engineering and Paul in biology.



James and Shigeko Chan

John, who completed his studies at the University of Texas Southwestern Medical School in Dallas, is an orthopedic surgeon in Tampa, Fla. Paul graduated from the University of Pennsylvania School of Medicine and, like his father, is a urologist.

Ann, a corporate attorney in Los Angeles who graduated from Stanford University with a bachelor's in economics and received her J.D. degree from the Yale Law School, says that, throughout all her years of study, her mother was her most influential teacher.

"She was really intelligent, and she had such a great passion for learning," Ann says. "She was the foremost teacher in my life academically, artistically and philosophically — providing the

groundwork upon which I have built my life."

Shigeko's family and friends lost a woman of extraordinary wisdom and integrity, one who shared generously her delight in learning, but her legacy lives on through her children and through the distinguished professorship James established in tribute to his wife's love of mathematics. This generous gift succeeded not only in honoring his wife's passion for education, but also allowed James to give back to the community he loves and credits for his own professional success.

The permanently endowed professorship will support a distinguished scholar to conduct research, develop courses, train future leaders and participate in conferences, symposia and other national and international forums.

"I know my mother would have been very pleased by this gift," Paul says. "Because it will support something she was always so interested in and because she believed that education was the key to everything, I think it would have made her very happy." ■

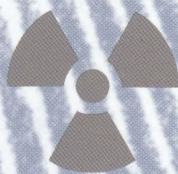


John Boice Jr.

UTEP's Distinguished Alumnus for Professional Achievement

John Boice Jr.

Assessing the Aftermath for Humanity:



*April 26, 1986. 1:23 a.m.
Slavutych, Ukraine. Staff members
in the Chernobyl power station
are conducting an unauthorized
experiment when they lose control
of the station's fourth nuclear reactor.*

*A massive explosion propels a cloud of
radioactivity over most of Europe. The political
regime delays releasing news of the accident
for three days. The estimated number of lives
scarred by the incident: 3.5 million.*

*It remains the world's worst nuclear
accident.*

Assessing the affects of manmade and natural disasters is a job for epidemiologists, the scientists who study the causes of diseases in humans. At the forefront of this profession is a scientist who began his college career at Texas Western College (now UTEP) — John Boice Jr.

For his renowned work in the field of epidemiology, this 1967 alumnus has received the 1999 Alumni Award for Professional Achievement.

Boice, who is one of the world's leading authorities on the effects of radiation, is the scientific director of the International Epidemiology Institute in Maryland, which studies populations exposed to occupational, medical and environmental conditions to learn about the causes of disease and ill health.

After receiving "solid training in math and physics by an absolutely inspirational faculty" from UTEP, Boice received a master of science degree in nuclear engineering and science from Rensselaer Polytechnic Institute, and a master of environmental health sciences and a doctorate in epidemiology from Harvard University's School of Public Health. After graduating from Harvard, he spent 27 years as a commissioned officer with the Public Health Service.

Boice has traveled all over the globe in search of answers to the questions posed by atomic war, nuclear catastrophe and exposure to radiation therapy.

"The discipline of epidemiology is found in the effort to learn about biology from a medical perspective and it is rooted in statistics. Evaluating the associations between cause and effect (combined with the laws of probability) on this grand scale, can be perplexing," he says.

Boice's distinguished career includes his position as adviser to the U.S. delegation to the United Nations Scientific Committee on the Effects of Atomic Radiation. An adjunct professor of environmental and occupational health at the University of Pittsburgh, Boice also has conducted extensive research on Japanese atomic bomb survivors, underground miners exposed to radon, nuclear energy workers and patients who have undergone radiation therapy.

His work has garnered numerous honors, including the Public Health Service

by Laura Jasso

Meritorious Service Medal in 1987, the Distinguished Service Medal in 1991, the Gorgas Medal from the Association of Military Surgeons in 1994, and UTEP's Gold Nugget award for the College of Science in 1995. Four years ago, the Department of Energy recognized Boice with the E. O. Lawrence Award for his contributions to the epidemiology of radiation-induced cancer in populations worldwide.

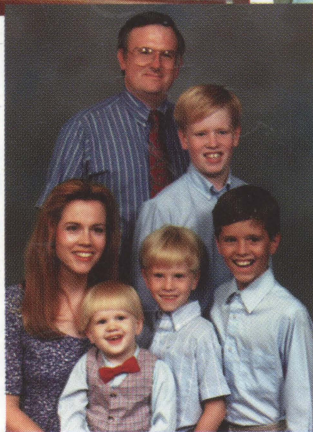
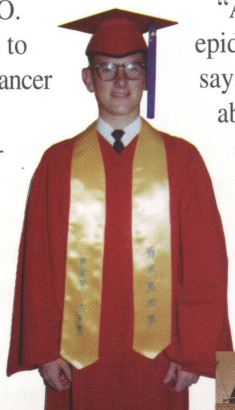
Boice studied the Chernobyl clean-up workers, comparing data gathered in 1986 with new information. This monumental undertaking required access to national record systems, including the cancer and death registries. It spanned every republic within Russia, because when the clean-up was organized in 1986, each republic had to send its fair share of workers. Focusing on the Chernobyl clean-up workers from the Baltic countries, Boice's team took blood samples and ultrasound screenings of thyroid glands on 3,000 people. These samples have been frozen in liquid nitrogen for future studies.

"These studies will allow us to measure changes in the blood that might be related to certain cancers. Blood can be an indicator of how much radiation a person has received. We find the breaks in chromosomes, signaling some far-reaching consequences, caused by radiation," he explains. "From the multidisciplinary studies involving epidemiology, we also learn how radiation might cause cancer, with an aim to developing preventive measures and, perhaps, more effective treatments."

Boice conducts his work throughout the globe. He has researched people who live underground just north of Xi'an, China, to determine if high levels of radon in the ground are causing cancer; studied the effects of cosmic rays in the high altitudes of Tibet; and analyzed the health of Americans who worked in the aircraft industry and handled potentially dangerous chemicals from the 1930s to the present.

Boice says these large studies, in which tens of thousands of people are evaluated, is exhausting, but important work. He explains that examining large numbers of potentially affected individuals is necessary to ensure viable statistics and believable results.

"A lot of work goes into an epidemiological study," Boice says, "but the results — learning about the causes of disease and determining ways to prevent it — are ultimately very rewarding." ■



Clockwise from top: Bel Air High School graduate John Boice found UTEP prepared him well for graduate degrees from

Rensselaer Polytechnic Institute and Harvard University.

Jack Bristol, UTEP professor emeritus of biology, presents Boice with a Gold Nugget Award in 1995.

Hazel O'Leary, secretary of the U.S. Department of Energy, presents Boice with the E.O. Lawrence Award.

Boice and his wife, Jennifer, are the parents of four boys.

Jason joined his father, who represented the United States at the United Nations committee meeting in Vienna in 1997.

Choosing the Future

"El Paso is my home."

A graduate of Bel Air High School, John Boice Jr. felt it was only natural to enroll at Texas Western College (now UTEP).



As Boice studied physics and mathematics, he became active in campus life, winning the position of vice president of the student body.

During his time on campus, he and his classmates began the tradition of decorating the buildings for Christmas with luminarias. As an officer of the student body, he hired groups to perform at campus functions — including Chuck Berry's electrified Homecoming dance performance.

"Of course, one of the most memorable events was the legendary 1966 basketball game in which Coach Don Haskins led an all-black line-up to victory in the NCAA championship tournament game," he remembers. "It was the game that, in retrospect, changed basketball history, and proved to be a watershed in terms of advances in civil rights."

Of all the memories of his years at UTEP, which he calls "the beautiful university in the mountains," graduation left a lasting impression:

"We were given the choice, when our diplomas were made, of being the last class to graduate from Texas Western College or the first graduating class of the University of Texas at El Paso," he says.

"We chose the future."



Peter and Mardee de Wetter

UTEP's Distinguished Alumna for Exceptional Service

Margaret Belding de

"If I could wish one thing for my grandchildren, it would be that they find their lives rich in adventure, that they seize every opportunity, and that they, in an individual way, contribute to this world."

— Mardee de Wetter

by Jeryl Z. Marcus



As Margaret (Mardee) Belding de Wetter sits on the stone hearth of the former Alumni Lodge, she shares her passion about El Paso and her university.

The comfortable setting holds a tremendous amount of significance for de Wetter, whom UTEP is honoring with the 1999 Alumni Award for Exceptional Service. Looking at the well-used hearth, it is possible to read the name "Mardee" that is carved into one of the stones.

When de Wetter was a 17 year-old undergraduate student at the Texas College of Mines (now UTEP), her name and those of her sorority sisters were engraved on the hearth stones of the former Zeta Tau Alpha sorority house.

Another connection that ties past to present is the name posted on the sign in front of the building, which is now called the Peter and Margaret de Wetter Center. This name change is a tribute to the husband and wife team that has supported the university in so many ways throughout the years.

The handsome stone structure, with its grassy front lawn and French doors that open onto a quiet patio, is reminiscent of gentler times. Today, it is home to the Center for Inter-American Border Studies, the academic headquarters for this cross-cultural program. de Wetter, whose interest in border history predated the development of the university's own border studies program, delights in the idea that her beloved campus home houses this important program.

An English major who graduated with honors from the Texas College of Mines in 1943, de Wetter immediately entered graduate school, receiving a master of arts degree in history in 1946. Her thesis, "The Mexican Revolution of 1910 - 1917 as it Affected the El Paso Area," contains many first-person interviews. Her thesis often has served as a resource for other researchers.

Enrolled at the Universidad de Mexico in

Mexico City, de Wetter broadened her knowledge, studying Mexican archaeology and Spanish, which she speaks fluently.

A fourth-generation El Pasoan, de Wetter was the only child of Charles and Betty Belding. From her mother, she developed her love and appreciation for the desert's gifts, the plants, the mountains and the open space. From her father, she learned to love the descriptive language of poetry — to this day, she can quote lines from Shakespeare, Longfellow, Wordsworth and others poets to whom he introduced her.

"My father felt that every child should memorize, and from that memorization at a young age, should pick up the rhythm of poetry," de Wetter says. This ear for the lyrical quality of our language has served her well. She has published three books of compelling poetry, *The Sandwriter*, *The Sand*

Glass, and *The Sand Castle*, donating the proceeds from the sale of these volumes to the University Library Fund.

In addition to poetry, de Wetter's list of writing credits include an historical biography, *Quest for John Rose*, the untold story of the only Russian, a nobleman, who fought in the American Revolution. She also has compiled three volumes of family history, each with genealogical facts as well as stories from her family going back to the early 1600s.

In 1993, de Wetter received the Mamie Wynne Cox award for the best original historical essay on Texas: "The Biography of Judge Sinclair David Gervais of the First Supreme Court of the Republic of Texas."

In El Paso, de Wetter has been generous to the university and to the community in a number of ways. She has sat on the boards of the UTEP Library Association and the President's Associates. She also chaired the Arts-in-Action at UTEP and was on the Hertzog Book Award Selection Committee.

Her association with the El Paso Museum of Art has extended throughout the years. In the early 1960s, she developed the original docent program for the museum.

Wetter

She served as chair of the Members Guild, and as a member of the Board of the Museum of Art Association and the Museum of Art City Advisory Board.

Together with her husband, Peter, a former mayor of El Paso (1969-71), she endowed a chair in Creative Writing in the College of Liberal Arts in 1991, and, in 1996, the couple created a \$250,000 UTEP Library Fund Endowment for acquisitions. As a tribute to Mardee's father, the de Wetters initiated and continue to support an endowed scholarship fund in his memory.

Peter is chair of the Legacy Campaign and a member of the Development Board. He also is the founding chair of the El Paso Museum of Art Foundation. The de Wetters have established an endowment fund at the museum where the Works-on-Paper Gallery is named for them.

"El Paso has countless assets, its history, its climate, the beauty of its deserts and mountains, and especially the richness of its bilingual culture,"

— Mardee de Wetter

When the couple moved to Los Angeles in 1971, Peter assumed the position of CEO of the Bekins Company. His wife found her niche by serving as a special docent at the Huntington Library, Art Gallery and Botanical Gardens in San Marino, and on the Board of the Los Angeles Cultural Heritage Foundation.

After 20 years in Los Angeles, the de Wetters returned to the desert Southwest.

"El Paso has countless assets: its history, its climate, the beauty of its deserts and mountains, and especially the richness of its bilingual culture," de Wetter says.

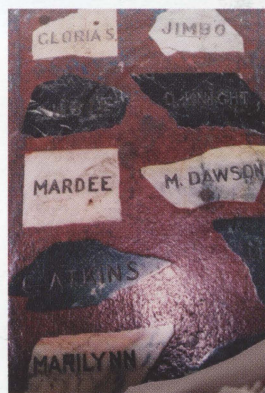
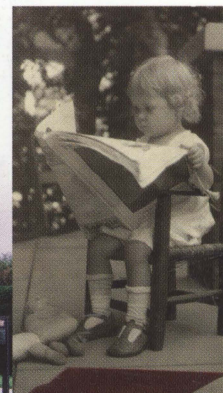
The couple's three sons are Charles, president of Coldwell Banker de Wetter Hovious Inc. of El Paso; David, a senior consultant at Towers-Perrin in New York; and Robert, a minister at Saint Paul's Episcopal Church in Concord, N.H. The de Wetters are the grandparents of three girls and a boy.

"If I could wish one thing for my grandchildren," de Wetter says, "it would be that they find their lives rich in adventure, that they seize every opportunity, and that they in an individual way, contribute to this world." ■



Since their marriage in 1943, Mardee and Peter de Wetter have generously supported UTEP. Their commitment to El Paso's university was honored last year with the dedication of the de Wetter Center.

Mardee's love of reading began early, foreshadowing her literary achievements.



Mardee entered UTEP (then Texas Western College) as a 17 year-old undergraduate. Her name is carved in the stone hearth at the de Wetter Center, along with those of her Zeta Tau Alpha sorority sisters.



ATTENTION! ALUMNI ASSOCIATION MEMBERS

Special Event Packet available for \$100 until Oct. 1 includes:

- Two tickets to the Distinguished Alumni Reception
- Two tickets to the Football Game
- Two Homecoming T-Shirts

Call: 800/ 687-8004 or 915/747-8600.

MINING FOR GOLD (for all UTEP Students)

Monday - Friday 8 a.m. - 5 p.m.

Pick up your game card at the Academic Services Building, Room 101, or the Swimming and Fitness

Center to join in the week-long fun, which includes visiting businesses near the campus. Have your card stamped to participate in a drawing for a prize. The fun ends at 11 a.m. Friday, Oct. 8. 747-8111.

FRIDAY, OCT. 1**UTEP HOMECOMING COURT COMPETITION**

7 p.m. • Magoffin Auditorium

Contestants in this Student Government Association-sponsored pageant will be judged by a distinguished panel based on a personal essay, an on-stage interview, and presentation in casual and formal attire. The night culminates with the crowning of the last

Homecoming King and Queen of the Millennium.

Tickets available at the UTEP Ticket Center Sept. 18 - 30. 747-5584.

MONDAY, OCT. 4**MILITARY SCIENCE - ARMY ROTC**

Noon • Military Science Building

All ROTC Alumni are invited to join the current cadre and cadets for a barbecue that features "war stories" of UTEP ROTC past and present 747-5621.

TUESDAY, OCT. 5**MOVIE JEOPARDY**

12 - 12:30 p.m. • Leech Grove

Students test their knowledge of movie trivia for prizes. 747-7319.

NAME THAT TUNE

12:30 - 1 p.m. • Leech Grove

Name that tune and win a prize. 747-7319.

WEDNESDAY, OCT. 6**MILITARY SCIENCE - ARMY ROTC**

9 a.m. - 4 p.m. • Union Building East

Witness the university's strength in this weight-lifting contest. 747-5695.

RECREATIONAL SPORTS

2 p.m. • Swimming and Fitness Center's "Sand Volleyball Pit"

Four-on-four beach soccer with each team guaranteed at least two games. 747-8111.

SOCIAL EVENT - PARADISE CAFÉ

3 - 10 p.m. • 3800 N. Mesa

Join student organizations for an evening of fun and camaraderie in the Homecoming spirit. Food, fun, and music will be provided. Door prizes will be given away. 747-7319.

RECREATIONAL SPORTS

5 p.m. • Memorial Gym

Open and competitive divisions for singles and doubles racquetball tournament. 747-5103.

THURSDAY, OCT. 7**MOVIE JEOPARDY**

12 - 12:30 p.m. • Leech Grove

Students test their knowledge of movie trivia for prizes. 747-7319.

NAME THAT TUNE

12:30 - 1 p.m. • Leech Grove

Name that tune and win a prize. 747-7319.

ALUMNI ASSOCIATION HOMECOMING GOLF "OUTING"

1 p.m. - 5 p.m. • Santa Teresa Country Club

Join us for the Alumni Association's Second Annual Homecoming Golf "Outing." Limited to 100 people. Fee includes beverages along the course, prizes, and lunch. 747-8600.

Imagine the Millennium



When UTEP was established as the State School of Mines and Metallurgy in 1914, the campus consisted of three buildings, which housed classrooms, a laboratory and a dormitory. There were 27 male students (female students enrolled two years later).

Who could possibly have imagined what UTEP has become today — an expansive Bhutanese-style campus with a myriad of opportunities and a diverse campus enrollment of approximately 15,000 students?

As we move into the Millennium, what can we imagine?

OPEN HOUSE FOR ALUMNI

Monday - Friday 8:30 a.m. - 4:30 p.m. • de Wetter Center
Registration in the de Wetter Center (formerly the Alumni Lodge) for all Texas College of Mines, Texas Western College and UTEP alumni. Refreshments will be served. 747-8600.

HONORS OPEN HOUSE

2 - 4 p.m. • Honors House
Open house at the university's honors headquarters between the Liberal Arts and the Academic Services buildings). 747-5858.

GOLDEN GRADS MIXER

2 - 5 p.m. • de Wetter Center
An informal mixer will be held for the "Golden Grads" of '49, the honored classes of '59, '69, '79 and '89 and the 25th anniversary class of '74. 747-5592.

RECREATIONAL SPORTS

2 p.m. • Swimming and Fitness Center's "Sand Volleyball Pit"
Four-on-four beach soccer with each team guaranteed at least two games. 747-8111.

METALLURGICAL & MATERIALS ENGINEERING

4:30 - 6 p.m. • Home of Dr. and Mrs. Lawrence Murr
Metallurgy and mining alumni and current and emeritus faculty are invited for cocktails and hors d'oeuvres. 747-5468.

COLLEGE OF BUSINESS ADMINISTRATION

4:30 - 6 p.m. • Business Administration Building, Lobby
Honor the Gold Nugget Award recipient at the college's ceremony and reception. 747-7715.

RECREATIONAL SPORTS

5 p.m. • Memorial Gym
Open and competitive divisions for singles and doubles racquetball tournament. 747-5103.

COLLEGE OF LIBERAL ARTS

7 - 9 p.m. • Wise Family Theatre, Fox Fine Arts Center
Honor the Gold Nugget Award recipient at the college's ceremony and reception. 747-7363.

FRIDAY, OCT. 8**COLLEGE OF SCIENCE**

9 a.m. • Geology Reading Room, Geological Sciences Building
Honor the Gold Nugget Award recipient at the college's ceremony and reception. 747-5536.

CIVIL ENGINEERING RECEPTION

Noon • College of Engineering Dean's Office
Alumni reception with a light lunch. 747-5464.

HOMECOMING PARADE

12:30 p.m. • University Ave.
Join the Student Development Center for the Homecoming Parade, honoring our Distinguished Alumni and the Homecoming Court, as well as our own UTEP Marching Band. The excitement of "Imagine the Millennium" will be the focus. The parade route will end at the Undergraduate Learning Center and kick off the Homecoming Rally. 747-5670.

HOMECOMING RALLY

1:30 p.m. approximately • Undergraduate Learning Center
This year's rally will feature the introduction of the Homecoming Court and the announcement of the parade winners. 747-5670.

HONORED CLASSES LUNCHEON

1:45 p.m. approximately • de Wetter Center
The Honored Classes of '59, '69, '79 and '89 and the 25th Anniversary Class of '74 are invited to a complimentary lunch in honor of the Golden Grads of '49. 747-5592.

UTEP BOOKS

Wednesday - Friday 9 a.m. - 4 p.m. • Union Plaza
Homecoming Patio sale. 747-5594

RECREATIONAL SPORTS

2 p.m. • Swimming and Fitness Center's "Sand Volleyball Pit"
Four-on-four beach soccer with each team guaranteed at least two games. 747-8111.

ENGLISH DEPARTMENT RECEPTION

2:30 - 4 p.m. • Hudspeth Hall
Join us for the annual open house for English alumni, faculty and friends. 747-6240.

OFFICE OF INTERNATIONAL PROGRAMS

4 p.m. • Conquistador Lounge, Union Building East
Join the university's international students, alumni, faculty and staff. 747-5664.

HISTORY

4 - 6 p.m. • Faculty and Staff Lounge, Union Building East
Wine and cheese reception for history department students, alumni and faculty. 747-5508.

GEOLOGY

4 - 6 p.m. • Geology Reading Room, Geological Sciences Building
Join geologists past and present for a wine-and-cheese reception. 747-5501.

RECREATIONAL SPORTS

5 p.m. • Memorial Gym
Open and competitive divisions for singles and doubles racquetball tournament. 747-5103.

PHYSICS

5:30 - 7 p.m. • Leech Grove
Join physics students, alumni and faculty for a reunion picnic. 747-5715.

DISTINGUISHED ALUMNI AWARD RECEPTION

6:30 p.m. • Undergraduate Learning Center
A toast to the 1999 Recipients of the Distinguished Alumni awards at a coat-and-tie reception. The 1999 Gold Nugget recipients from the individual colleges will also be honored. Tickets are \$35 per person and are available at the UTEP Ticket Center. 747-8600.

STUDENT GOVERNMENT ASSOCIATION**"PARTY IN THE PARKING LOT"**

8 p.m. - Midnight • Fox Fine Arts Center Parking Lot.
UTEP student organizations will host an array of carnival booths while a live band and DJ provide entertainment. The 1999 Spirit Rally will feature the presentation of the Fighting Miner football team and coaches. The 1999 Homecoming Court also will be presented. 747-5584.

SATURDAY, OCT. 9**COLLEGE OF ENGINEERING**

8:15 - 10 a.m. • El Paso Natural Gas Conference Center
UTEP engineers reminisce over breakfast. \$6.50 per person. 747-5460.

GEOLOGICAL SCIENCES

9:30 - 11:30 a.m. • Geology Reading Room, Geological Sciences Building
Geologists meet for a departmental brunch. \$8 per person. 747-5501.

MATHEMATICAL SCIENCES

10 a.m. - Noon • Bell Hall
Mathematicians meet and mingle over coffee. 747-5761.

HERITAGE HOUSE

Wednesday - Saturday 10 a.m. - 2 p.m. • Heritage House
"The TWC Vintage Years" exhibit presented by the Heritage Commission. 747-5592.

COMMUNICATION DEPARTMENT

10 a.m. - Noon • Cotton Memorial
Communication alumni gather for brunch. 747-5129.

GOLDEN GRADS LUNCHEON

Noon • Tomás Rivera Conference Center, Union Building East
UTEP President Diana Natalicio hosts a luncheon for graduates from 1949 and earlier and retired faculty and staff, honoring the class of '49. 747-5592.

COLLEGE ADMISSIONS PROGRAM

1 - 5 p.m. • Campus
The Office of Undergraduate Recruitment invites high-school juniors, seniors and their parents to campus. Information on the admissions process, financial assistance and the many services that UTEP has to offer will be available. Door prizes will be awarded. Join us for a milestone tailgate! 747-5890.

BAND ALUMNI

3 - 5 p.m. • Sun Bowl Stadium
Rehearse and party with the band from 3 to 4 p.m. All musicians will march into the stadium with the UTEP Marching Miners. 747-5665.

COLLEGE OF SCIENCE

4 p.m. • Leech Grove
Scientists reunite at a pre-game barbecue and tailgate party. 747-5536.

INTERCOLLEGIATE ATHLETICS —**FURR'S MINER TOWN**

4 p.m. • Sun Bowl
Intercollegiate Athletics sets the stage for the UTEP vs. SMU Homecoming Game with the Furr's Miner Town Tailgate Party. The party will include live entertainment, games, food and fun for the entire family. The Fun Zone, sponsored by the *El Paso Times*, is targeted toward younger Miner fans with activities, including inflatable games, face painters, magicians and much more! The Fun Zone will remain open throughout the game. 747-5347.

INTERNATIONAL PROGRAMS

4 - 6 p.m. • Heritage House
Tailgate with the university's international students, faculty and staff. 747-5664.

COLLEGE OF HEALTH SCIENCES TAILGATE PARTY

4 - 6:30 p.m. • Ross-Moore Building
Join the university's health science students, faculty and alumni. 747-7212.

ALUMNI ASSOCIATION'S**10th ANNUAL PRE-GAME PARTY**

4:30 - 6:30 p.m. • de Wetter Center
All alumni members are invited to join this year's Distinguished Alumni award recipients, honored classes and the 2000 Alumni Association Board. 747-8600.

HOMECOMING FOOTBALL GAME

7:05 p.m. • Sun Bowl
UTEP vs. SMU





DESERT WILLOW

Chilopsis linearis, a colorful resident of desert arroyos across the Chihuahuan Desert region, shades the Amphitheater. The pink to purple orchid-like flowers make it a fine tree selection for El Paso gardens.



ALKALI CHALICE

Eustoma exaltatum

brightens the banks of the desert hueco in the Water Garden as well as isolated seep springs scattered across the Chihuahuan Desert region.



CANYON SENNA

Senna wislizenii

responds to summer rains with a golden display and marks the Terrace Garden that features many shrubs of the Big Bend region of Texas.



ASSEMBLY GARDEN

This garden area with the large shade ramada was made possible by a generous gift from alumni of the Alpha Psi chapter of Phi Kappa Tau, a UTEP men's fraternity from 1941 to 1994, and is used for orientation of tour groups, public-school field trips, receptions and other gatherings.

Flower

UTEP's Chihuahuan Desert Gardens

Bring Color to Our World

Say the word "xeriscape" and many people automatically conjure up visions of a gravel landscape, punctuated with an occasional cactus. But Wynn Anderson wants people to know that desert landscaping can be colorful, interesting and lush — and he's determined to sow the seeds of his knowledge through the creation of the UTEP Chihuahuan Desert Gardens.

Stretching in a large two-acre arch around UTEP's Centennial Museum, the gardens offer more than 100 species of beautiful, indigenous flowers and plants designed to offer visitors a living laboratory in which to study native flora. Gardeners of all kinds will find it a valuable resource to learn how to create a bright, luxuriant garden using regional plants.

Using native plants in landscaping is the gardening trend for the future," Anderson, the driving force behind using native plants on campus, says. "Besides putting us in touch with the beauty of the place in which we live, native plants help us to save precious water, natural resources and time."

More importantly, the gardens will serve as an educational resource for the El Paso region — for schoolchildren and landscape artists, alike.



Wynn Anderson, UTEP's resident horticulturalist.

"We are very excited about the legacies our learning and teaching desert garden will be for our community," Florence Schwein, director of the Centennial Museum, says. "It will be a place for school groups to get close to the beauty of our Chihuahuan Desert and a resource of garden ideas especially suited for the area."

For residential gardeners and landscape professionals, UTEP's Chihuahuan Desert Gardens represent a place where they can learn how native Southwestern plants grow and flower.

"We will not be using a lot of crushed rock and cactus because we want to show that xeriscaping does not mean sacrificing traditional garden aesthetics: color, texture and diversity," Anderson says.

Power: Desert Gardens

by Walli Haley



Shadows play against the wall inside the contemplative garden.

CONTEMPLATIVE GARDEN

Dedicated to the memory of Emil J. and Bernice Dittmer, this quiet place was made possible by her generous gift in 1994 that initiated the fundraising campaign to build the gardens. The fortress-like structure will feature a unique drip fountain that will chime softly to mask the busy sounds of the surrounding campus.

A stroll through the beautiful gardens reveals:

- a 100-seat amphitheater that opens to the Undergraduate Learning Center pedestrian mall;
- an enclosed Contemplative Garden dedicated to the memory of E.J. and Bernice Dittmer, whose generous donation helped fund the garden;
- an overlook with shade structure known as the Wall Garden;
- an open Arroyo Garden with adjacent sand and grass garden areas;
- a re-creation of a desert hueco, or water collection area;

- a small spring that seeps through andesite rocks; and
- a large ramada that shades much of the larger Assembly Garden and is dedicated to the Phi Kappa Tau fraternity.

In the future, the garden will contain sculpture pieces, including a unique melodious drip fountain in the Contemplative Garden; a sheet-flow fountain over plates of raw copper in the Sensory Garden; life-sized, realistic depictions of Chihuahuan Desert animals; and stylized representations of symbolic desert flora.

"UTEP continues to set the standard for regional campus identity," Charles Chaumont, senior landscape architect for the University of Texas System, says. "The rich character of the El Paso region is reflected in every planting effort at the Chihuahuan Desert Gardens of the Centennial Museum at The University of Texas at El Paso."

For Anderson, the gardens have been a labor of love expressing a special meaning — they symbolize the secret side of the desert.

"The desert has hidden beauty," he says, "These gardens will allow people to witness that beauty and realize that El Paso is a progressive and forward-thinking city, filled with color and charm that deserves to be seen and appreciated." ■

ANDESITE BOULDERS

The giant boulders that shelter the Water Garden and retain slopes elsewhere in the gardens were salvaged from the rock excavations of the Sun Bowl Stadium and provide a natural setting for many of the native plants.

MEXICAN CAMPION

Silene lacinata startles visitors to the Assembly Garden as well as travelers in the mountains of the Northern Chihuahuan Desert region with brilliant flowers that look like explosions of bright scarlet.





Jorge Gardea-Torresdey

FACULTY PROFILE

by Jeryl Z. Marcus

"As a chemist, I feel like I can do something that will make a difference in our future."

The days are never long enough for Jorge Gardea-Torresdey, a dedicated teacher with a passion for research who directs UTEP's Environmental Science and Engineering program.

The well-respected chemistry professor has a full plate, but time restrictions do not limit his work. He is happiest when working with his students on research projects that provide them with opportunities to learn and to develop their professional skills.

As a mentor, Gardea is most proud of his students who have won awards at regional and national research competitions. Together, the scholar and his students have published and presented more than 100 research-related works.

Last year, fledgling UTEP chemists recognized his special ability to encourage and motivate students with the Outstanding Achievement in Teaching Award.

"The teaching award from the students has a great impact on me professionally because I know how much the students appreciate my teaching efforts in addition to my research," Gardea says. "Teaching is an integral part of a faculty member's function because families have sacrificed a large proportion of their finances in order for their children to receive an education."

Gardea graduated with honors in 1980, when he received his chemistry and chemical engineering degrees from the Autonomous University of Chihuahua. He received his master of science and doctoral degrees in analytical chemistry with a minor in environmental chemistry from New Mexico State University, where he was a postdoctoral fellow.

Since his arrival at UTEP in 1994, Gardea has obtained 35 major grants for research in

bioremediation, phytoremediation, air pollution and decomposition of pesticides in the environment. The funding agencies include the National Institutes for Health, the Environmental Protection Agency, the Office of Naval Research, the National Science Foundation, and the departments of Energy and Defense.

This national funding has enabled Gardea to create a student-oriented environmental lab to tackle issues such as how the properties of such plants as alfalfa remove pollutants from the ground and water. Other studies involve the potential for using plants to replace toxic chemicals in industrial applications in fields such as mining.

This research, which combines chemistry with other science and engineering techniques to solve environmental problems, is part of the relatively new discipline of "green chemistry."

"We know we have to create new methods for cleaning the environment," Gardea says. "As a chemist, I feel like I can do something that will make a difference in our future."

Gardea's interest in the greener sciences springs from his experiences as a young boy, fishing and swimming in the rivers and streams of his hometown in Parral, Mexico. Growing up in an industrial town in which hazardous materials were part of the process of mining gold metal, gave him a first-hand look at the ravages caused by toxic chemicals.

These days, Gardea's research has come full circle. The environmentally-focused chemist finds time to share what he has learned about industrial pollution and toxic waste remediation with Mexican government and industry representatives who seek his advice on the country's environmental problems. ■

COMMUNICATION at UTEP

by Howard Daudistel

Dean of the College of Liberal Arts

During the past few weeks, there have been discussions in media circles about UTEP's proposed changes to departmental structures and how the university educates its communication students. Unfortunately, many of these discussions have not been based on the reality of our College of Liberal Arts' reorganization plan.

It is important to emphasize that the existing academic programs — both communication majors and minors — will remain in place. This is merely a structural change and no degree programs will be eliminated and no faculty positions will be cut. In fact, additional faculty members will be hired to support communication education at UTEP.

For a number of years, there has been growing concern about the quality of the communication program at UTEP and about its prospects for future development. Moreover, feedback from students, graduates and their employers has consistently pointed to the need for improvement.

UTEP is not alone. Throughout the country, communication studies programs in university settings are being re-examined in response to the enormous challenges of new media and technology, as well as economic and demographic trends.

Despite the university's considerable investment of faculty, equipment and other resources, the Department of Communication has not been successful in providing well-balanced academic and professional programs.

The College of Liberal Arts is addressing this issue head on through a restructuring plan that will enhance the quality of the communication education. Our goal is to offer an academically rigorous program that is broad in scope and appropriate to the needs of current and future students.

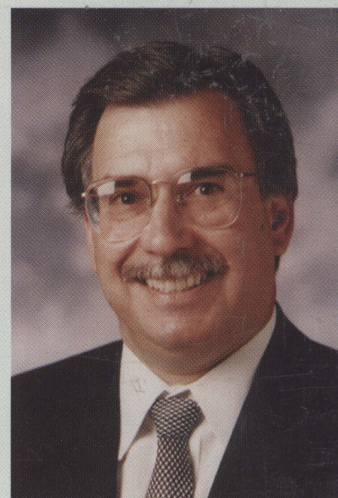
A Communication Studies Center will be established to coordinate the programs at both the undergraduate and graduate levels and offer advising to all communication students. Faculty members who teach communication courses will be jointly associated with the center and other academic departments.

New faculty members will be recruited and faculty currently engaged in teaching professional writing, marketing, graphic design and film will be invited to participate in the center's work.

Emphasis will be placed on making better use of campus training opportunities for communication students, including KTEP, *The Prospector*, KCOS and the office of University Communication.

Each one of these carefully conceived steps — from re-conceptualizing how we structure communication programs to capitalizing on other university resources — are important to the preparation and success of our students.

Although there has been much speculation about the proposed changes, there should be no question about the outcome. UTEP remains committed to building a strong communication program that is at the cutting edge of technological, economic and demographic changes and that responds to the needs of employers in the region and nationwide.



Daudistel

Industry Perspective

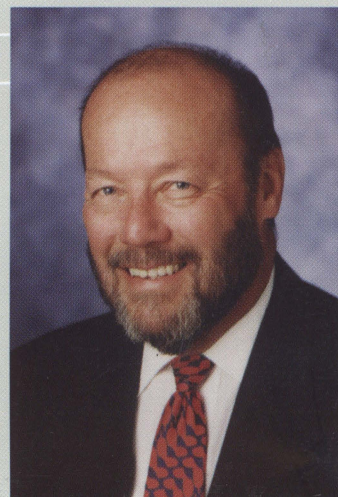
"UTEP's communication department was broken and needed to be fixed. The communication structure was based on an outdated, rigid program that does not work today.

Jobs in journalism and communication do not require highly specialized training. These professions require a broad-based liberal arts education that encourages students to have vision and attack the world on its own terms.

I, myself, majored in English and minored in history.

Throughout the years, El Paso media leaders have brought our concerns about the communications program to the UTEP administration because we wanted to help our university. This reorganization is a direct result of our efforts to ensure that UTEP produces educated professionals whom we can hire."

Richard Pearson,
General Manager of KTSM



Pearson

Bye-bye Bear: Basketball Legend Exits the Court

An era in UTEP men's basketball ended as Don Haskins, the 10th-winningest coach in NCAA history, announced his retirement Aug. 24.

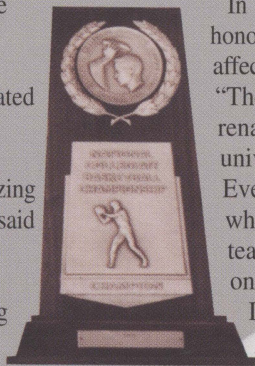
Haskins, who coached the Miners for 38 years, directed UTEP to 719 wins, 14 NCAA Tournament appearances and seven WAC championships.



Coach Don Haskins, with wife Mary (left) and UTEP President Diana Natalicio, announces his retirement to the media.

However, it is the 1966 NCAA championship-game win over Kentucky that will forever hold his place in history. As a young coach, he started an all-black Texas Western College starting line-up to upset the all-white team coached by Adolph Rupp.

This act accelerated the integration of college basketball, forever revolutionizing the game. Haskins said he wasn't trying to make history; he merely was starting his five best players.



1966 NCAA Championship Trophy

Although he downplays his role in this history-making decision, his impact on basketball, its players and coaches is unquestionable, and he is revered by the best in the business.

In 1997, UTEP honored the legend, affectionately known as "The Bear," by renaming the university's Special Events Center — where so many UTEP teams were cheered on to victory — the Don Haskins Center.

Throughout his

career, the basketball Hall-of-Famer tutored numerous players who have played in the NBA, including Antonio Davis (Toronto Raptors), Greg Foster (Seattle Supersonics) and Tim Hardaway (Miami Heat).

"Everything that has happened in my career has been because of my association with Don Haskins," Tim Floyd, coach of the Chicago Bulls who was once Haskins' assistant coach, said. "I have always measured every coach against him, and none has been able to compare."

None will.

Steve Meador: Planning for the Future

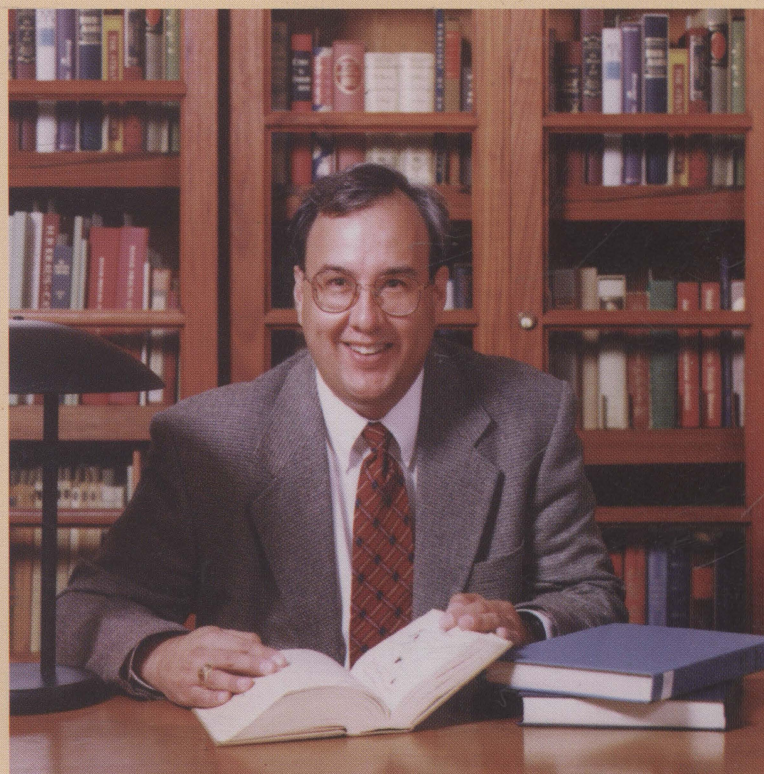
When Steve Meador discusses the many ways to make financial contributions to UTEP, he remains focused on the bottom line — the needs of the donor.

"At UTEP, we look at things through the perspective of the donor to make sure *their* needs are taken care of," Meador says. "By creating deferred gifts that will benefit them and their families in the long-run, we show people how they can do more with their money."

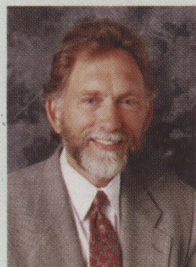
With his thorough understanding of planned giving, the assistant director of development offers sound advice on deferred gifts that take advantage of life-income gift plans, as well as testamentary and life insurance gifts.

"Each gift is carefully tailored to match a family's circumstances and needs," Meador says. "Often, we can structure gifts that allow individuals to make larger contributions — and lower their taxes."

The financially-savvy of this UTEP business alumnus is built on a solid foundation of caring for the individual donors and the students who benefit from their generous gifts to the university.



Institutional Advancement: Supporting UTEP's Mission



Madeira

UTEP's Division of Institutional Advancement reflects a new reality: that for UTEP to effectively reach out to the community, alumni and donors,

it is necessary to create a new support system for the mission of the university.

"Our reorganization into an Institutional Advancement office that provides strategic planning for UTEP's external relations efforts, and integrates and coordinates the various components' programs and interests with the university's as a whole, should produce effective relationships with private institutions and individuals which will advance UTEP's interests," David Madeira, vice president for institutional advancement, says.

The newly named office will oversee four university departments: Alumni Relations (formerly Alumni Affairs), University Communications (formerly News and Publications), University Relations (formerly External Affairs) and University Development (formerly the Development Office).

The shift in organizational structure will

result in closer working relationships between the four departments whose common goal is heightening awareness of UTEP as a quality institution worthy of support and involvement.

In practical terms, the change will result in increased alumni relations efforts, publications better suited to reflecting the mission of the university, more cooperation between departments in carrying out university events, enhanced strategic planning and more managerial control. The collaboration will be supported through integrated planning, management, programmatic and budgetary systems.

Madeira's long-term goals include creating Advancement offices within each of the six colleges, the library and athletics. He is in the process of trying to identify both funding for such efforts and professionals who can effectively lead each of these units' efforts.

Madeira also is charged with wrapping-up UTEP's first capital campaign, the ambitious \$50 million

Legacy Campaign. Begun seven years ago, the campaign has now topped the \$47 million mark — creating an endowment that can be used to hire faculty, create scholarships, support library acquisitions, enhance technology and research and support athletics and academics.



Time Magazine Recognizes UTEP's Outreach Programs

Time magazine praised UTEP for its community outreach programs in the 2000 edition of "The Best College for You," an annual college guide which is published with the Princeton Review.

The publication lists UTEP among universities, including Yale, Brown, Stanford and Georgetown, that received honorable mentions for their outreach activities.

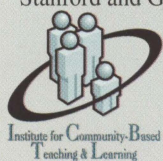
"This recognition by Time magazine is an

important affirmation of UTEP's commitment to this community," UTEP President Diana Natalicio says. "We believe that an integral element of the educational



The El Paso Collaborative for Academic Excellence

experience at UTEP is the opportunity for students and faculty to fulfill the university's commitment to respond not only to the educational but the social, economic and cultural needs of the area."



1999 - 2000 Promoted and Tenured Faculty Members

Through its faculty members, UTEP attracts an impressive amount of intellectual capital to El Paso as part of its mission to serve the people of this region. This year, UTEP awarded promotion and tenure to 12 faculty members who have demonstrated their commitment to the university by providing quality educational opportunities and focusing their scholarship on issues and ideas that impact the region.

Newly tenured and promoted faculty members are:

Promotion to Professor

Maria Amaya - Nursing
Carlos Ferregut - Civil Engineering
Jorge Gardea-Torresdey - Chemistry
Grant Goodall - Languages and Linguistics
Mohamed Amine Khamsi - Mathematical Sciences
Joan Staniswalis - Mathematical Sciences

Promotion to Associate Professor

Steven Best - Philosophy
Carol Clark - English
Siddhartha Das - Biological Sciences
Gregory Lush - Electrical and Computer Engineering
Rolando Quintana - Mechanical and Industrial Engineering
Curtis Tredway - Music

Movies, Memories and the Miners

Has your camcorder captured campus life at UTEP? If so, check your video archives for home-movie memories of the Fightin' Miners!

UTEP's Heritage Commission is looking for video or film footage of the university for its exhibits at the Heritage House (the former Cap Kidd house).

For more information, call Jeannie Johnston, assistant coordinator of Alumni Relations, at 915/747-8600.



Making Miner Magic Happen

UTEP Miner fans:

Another great season of Miner sports is just around the corner. Talented and eager athletes already are preparing for high-energy seasons in cross country, football, golf, soccer, tennis and volleyball.

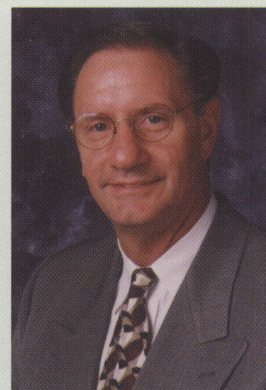
As we gear-up for the fall semester, I would like to take this time to thank you for all of the on-campus support you provide to the university's student-athletes. The UTEP family — alumni, students, faculty, staff and friends of the university — are at the heart of our fan base.

We couldn't do it without you. Your time, dedication and hard work make a difference in our success — *you are our "12th man!"*

I welcome all Miner fans to get behind our teams during the 1999-2000 season, which will feature:

- an exciting **football** home schedule that includes visits from traditional rivals such as the University of New Mexico and New Mexico State University, as well as Southern Methodist University;
- an energetic new coach Revis Ward-Daggett who will lead the Miner **volleyball** team;
- a talented nucleus of **soccer** players who return with last year's WAC Mountain Division co-championship under their belts; and
- nationally promising **cross-country** squads under the skillful coaching of Steve Keith.

Thanks again for your help and support. We'll see you at the Sun Bowl for an action-packed football season!



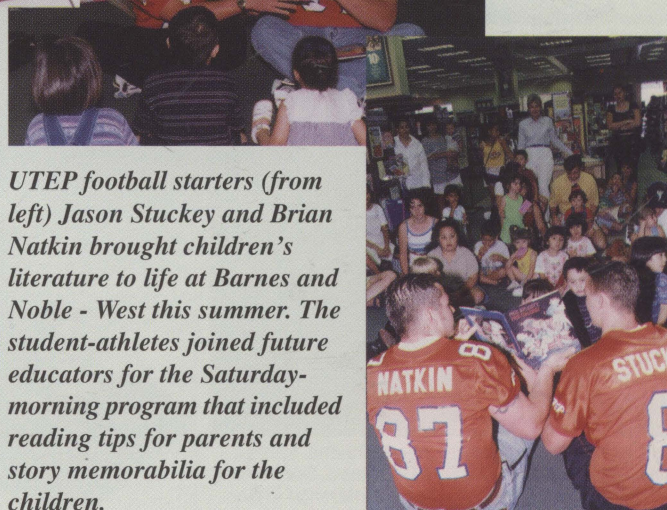
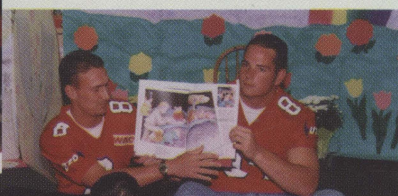
Stull

— Bob Stull

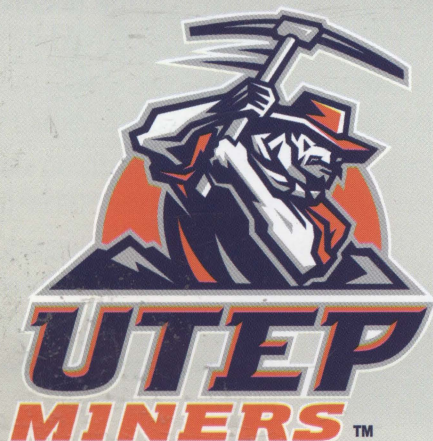
Director of Intercollegiate Athletics



UTEP President Diana Natalicio answers questions about recent developments in the Western Athletic Conference and other Miner-related issues on the "The Bob Stull Show" on KHEY-690 AM.



UTEP football starters (from left) Jason Stuckey and Brian Natkin brought children's literature to life at Barnes and Noble - West this summer. The student-athletes joined future educators for the Saturday-morning program that included reading tips for parents and story memorabilia for the children.



New athletic logo unveiled in August.

UTEP Friends:



The summer months suggest leisure time for some, but for those of us who work at Alumni Relations, it is one of the busiest seasons because this is when we organize many of our fall events. Our traditional and ever-popular back-to-school festival,

MINERPALOOZA, was again a big success! The wide spectrum of UTEP students, alumni and friends enjoyed an array of wonderful games, great dance tunes and good food.

Right on the heels of MINERPALOOZA, final plans were set in place for the upcoming Homecoming festivities. This year, however, the Distinguished Alumni selection committee found itself in a predicament. There were too many stellar graduates to consider for a single award.

After much deliberation, the committee broke tradition and agreed to acknowledge these accomplishments by bestowing alumni awards to John Boice for professional achievement and Mardee de Wetter for exceptional service.

UTEP will honor both of these outstanding graduates at our Distinguished Alumni Reception Friday, Oct. 8. Make plans to attend by calling the alumni office at 915/747-8600 or 800/687-8004 to RSVP and purchase tickets.

Homecoming is a wonderful time to celebrate our university. The profiles of these, our two Distinguished Alumni and six Gold Nuggets, serve as a testimony of the accomplishments displayed in our graduates.

We are ever so proud of them — and of you.

Yolanda Rodríguez Ingle

UTEP's New Alumni



Student Alumni Association members Annette Torres, Jeannie Johnston (adviser), Dee Dee Reed, Scott White and Rick Patino attended a Regional Conference in San Antonio during Spring 1999.

Miners '49ers: Looking Back, Imagining the Millennium



Golden Grads

Nancy Hamilton

Winona Mae Bothwell

Joyce Graves

June Shaffer

Marjorie Boswell

Betty Bowen

Patty Mudgens

The camaraderie of each graduating class begins with the memories.

Each year, the Golden Grad 50-year Reunion Committee keeps in touch with their peers through Christmas, Valentine's Day and St. Patrick's Day cards. The members write personal notes to remembered friends and often receive replies — some bearing joyful news, and some sad. This annual ritual and labor of love brings the committee closer to the UTEP alumni with whom they shared a campus.

This year's committee members, who have labeled themselves the "Miners 49ers," have been working hard to fulfill their mission to welcome many of their classmates to their alma mater for Homecoming. By creating opportunities for alumni to visit new and familiar campus stamping grounds, the committee's efforts enhance the week-long celebration of open houses and receptions.

This year, UTEP has added campus tours, lectures and a mini estate-planning seminar to the agenda for the Golden Grads, whose ranks include all graduates from 1949 and earlier.

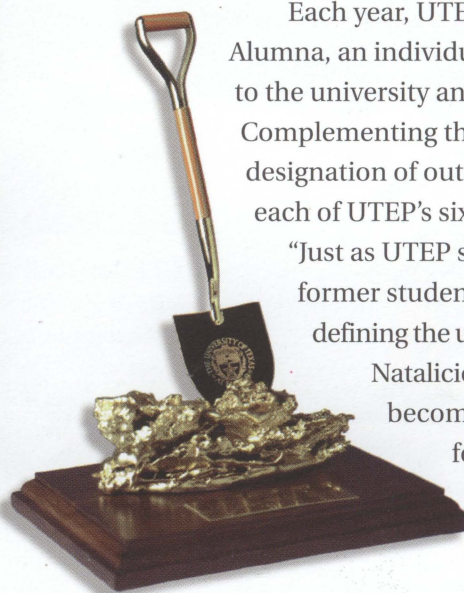
Gold Nuggets Exemplify the Quality of UTEP

by Walli Haley and Jeryl Marcus

Each year, UTEP selects its Distinguished Alumnus or Alumna, an individual whose accomplishments bring pride to the university and inspiration to current students. Complementing the selection of this honoree is the designation of outstanding alumni — Gold Nuggets — by each of UTEP's six colleges.

"Just as UTEP shaped and defined their futures, our former students play a major role in shaping and defining the university's future," UTEP president Diana Natalicio said. "Our Gold Nuggets' achievements become the legacies that reinforce the foundation of their college's quality and the university's prestige as an institution of higher learning."

UTEP's 1999 Gold Nugget recipients are:



**Charles Brown —
College of Education**

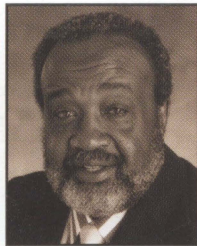
When Charles Brown was recruited to play for the Texas Western College (now UTEP) basketball team in 1956, he was the first African-American basketball player at a mainstream college or university in the Southern United States.

The following year, Brown became captain of the Miners basketball team and was named "Most Valuable Basketball Player" in the border conference.

Brown became known as the "Jackie Robinson" of Southern intercollegiate sports and his desire and perseverance to play basketball opened the door for other black athletes. Ten years after Brown took his place on the college basketball court, TWC won the NCAA National Championship with five black starters.

Brown received a bachelor's degree in physical education from UTEP in 1959 and a master's degree in educational administration from San Francisco State University. In El Paso, he was a social studies and physical education teacher at Jefferson High School where he coached the intermediate basketball team. Brown went on to enjoy a long and successful career as an educator in the San Francisco School District.

In 1990, Brown was selected for the "All-time Fan Favorite" basketball team by UTEP supporters and alumni. In May, he was inducted into the El Paso Athletic Hall of Fame.



**John Martin Lantz —
College of Health Sciences**

John Martin Lantz has made obtaining an education a lifetime pursuit.

He received his diploma in nursing in 1963 from the Western Pennsylvania Hospital School of Nursing, a bachelor's

of science degree in nursing in 1969 from Duquesne University in Pennsylvania, and two master's degrees from the University of Pittsburgh in the 1970s, before coming to UTEP, where, in 1981, he received a master's of science degree in nursing.

Lantz continued his education, completing a doctoral degree in adult education and community health from Texas A & M University. After completing his doctoral degree, Lantz returned to UTEP as an associate professor and assistant dean of the College of Nursing and Allied Health. In 1984, UTEP honored Lantz with the "Award for Excellence in Teaching, Research and Service."

Since that time, Lantz held numerous academic posts, including a visiting professorship at the University of San Diego. He also was professor and director of the School of Nursing at the College of Health and Human Services at San Diego State University. Today, Lantz is dean of the School of Nursing at the University of San Francisco.

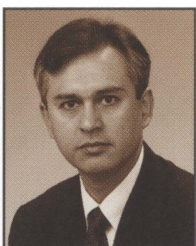


**Enrique Gomez —
College of Science**

Enrique Gomez received his bachelor's degree in mathematics in 1976 and a master's degree in mathematics in 1979. He began his career as a computer programmer for IBM, where he worked on the control systems for the space shuttle, designing and implementing many of the critical flight functions for the guidance, navigation and control system.

In 1987, after the Challenger Shuttle accident, NASA commissioned IBM to develop a way to measure the degree of confidence in software systems. Gomez was part of the team that was charged with performing this task, creating a measurement system that NASA and other scientists now use.

The first person in his family to graduate from a four-year university, Gomez is the director of development for the IBM retail store solutions groups, responsible for developing hardware and software for point-of-sales systems at IBM.



**Tony Marquez —
College of Engineering**

Jose Antonio (Tony) Marquez, DDS, has taken the long road throughout his life, which has taken him to great heights and many achievements including several higher education degrees.

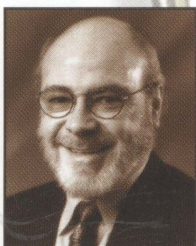
As a youngster, Marquez lived in El Paso's Segundo Barrio, and later in the communities of San Elizario and Ysleta where he worked the cotton fields after school to help his mother support his younger siblings.

Honorably discharged from the U.S. Navy, Marquez enrolled at Texas Western College where he earned his bachelor of science degree in metallurgical engineering in 1967. One year later, he earned a masters of science degree in metallurgy from the Massachusetts Institute of Technology.

In a dramatic career change, Marquez returned to school, enrolling in the University of Texas Health Sciences Center in Houston. He completed two oral surgery rotations while working as a part-time engineering draftsman. He received his DDS in 1974, graduating in the top third of his class.

Marquez returned to El Paso to establish an office of general dentistry where he offers family dentistry with an emphasis on cosmetic, restorative and surgical procedures.

This summer he earned his doctorate in materials science and engineering from UTEP, the university at which he began his lifelong love of learning.



**Ignacio Urrabazo —
College of Business
Administration**

A 1970 graduate of the College of Business Administration, Ignacio Urrabazo has been president and a board member of the Commerce Bank (a major financial institution with more than \$200 million in assets) in Laredo, Texas, for more than 15 years.

Under Urrabazo's leadership, Commerce Bank consistently ranks in the top 10 percent of high performing banks in its peer group. Its holding company, International Bancshares Corp., is the largest minority-owned bank in the United States.

Urrabazo serves as the board chairman of the National Bankers Association and was chair of Laredo's Chamber of Commerce. Recognized as Hispanic Banker of the Year in 1986, his community and civic involvement also extends to Junior Achievement, the Texas Department of Banking and the Texas Council of Education.



**Carl Green —
College of Liberal Arts**

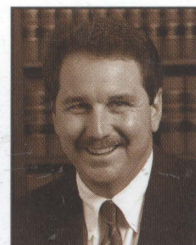
Attorney Carl Green graduated from UTEP with high honors in 1973, earning a bachelor of arts degree in political science. He attended the University of Texas at Austin law school, earning a doctor of jurisprudence with honors in 1976.

After serving as a briefing attorney on the Texas Court of Criminal Appeals, Green returned to El Paso in 1977 to practice law with the firm now known as Mounce, Green, Myers, Safi and Galatzan, P.C.

Green, who is board certified in personal injury trial law and civil trial law by the Texas Legal Board of Specialization, has served on numerous civic community and charitable boards. He was named Outstanding Young Lawyer of El Paso County in 1983 and has served as president of the El Paso Young Lawyer's Association and president of the El Paso Chapter of the American Board of Trial Advocates.

Green supports his *alma mater* as a member of the Matrix Society and board of the Alumni Association. In 1996, he received the Distinguished Service Award from the Alumni Association.

Green's service activities include membership in Leadership El Paso, the American Heart Association and the Sun Bowl Association. He was director of the El Paso Symphony Orchestra, chair of the Trans-Mountain Run for Heart; a member of the Texas Air Control Board and board member of the Greater El Paso Chamber of Commerce and the Child Advocacy Research Education Center.



30s

Woodrow Leonard (B.S.M.I. '35) collects minerals and fossils throughout the world.

Robert Stevenson (B.A. '36) received the Sonneck Society for American Music's first Lifetime Achievement Award. He also was the keynote speaker at the International Multicultural Symposium where he was honored for 50 years of service to UCLA.

50s

Rosa Guerrero (B.A. '57; M.Ed. '77) was honored by the National Education Association for her contributions to the nation's progress in human and civil rights.

Donald Henderson (B.B.A. '56) is a member of the 1999 Texas Leaders Round Table.

Charles McGaha (B.A. '58) retired after 15 years with Harris County Adult Probation in Houston.

Celso Rodriguez (B.A. '56; M.Ed. '65) is a retired principal from the San Jose Unified School District in California.

Joe Smith (B.S. '66) celebrated the 25th anniversary of his Houston-based geophysical service company, Petrophysics Inc.

60s

Don Mammei (B.S.Ed. '65) retired after 29 years with the Ysleta Independent School District.

Judy Mammei (B.S.Ed. '63) retired after 35 years of service with Cedar Grove Elementary School in the Ysleta Independent School District.

John McCarden (B.B.A. '69) received the highest customer retention and satisfaction employee award by JDW Insurance Company.

D. James Metzgar (B.A. '68) is a repack technician and company historian for Gold Eagle Products.

J. Art Morales (B.B.A. '67) is a vice president with Ramirez and Co. Inc., a full-service securities firm.

Luis Velarde (B.A. '61) is president of the El Paso Athletic Hall of Fame.

Patricia Walshe (B.S.Ed. '64) is a reading recovery/literacy teacher at Desert Hills Elementary School.

Louis Williams (B.S. '65) retired from the El Paso Independent School District after 22 years of service. He and his wife, Anne, live in Capitan, N.M.

70s

Elizabeth Amato (B.S.Ed. '74) is a LAMP teacher at Harold Wiggs Elementary School.

Joan Breuer-McHam (B.S. '78) received her Ph.D. in immunology from UT Houston.

Vincent Collins (B.B.A. '71), a world history teacher and head football coach at Valley High School, was named 1998 Coach of the Year.

Marian Cross (B.A. '79) is a senior cost analyst with On Command Corp.

Stephen DeGroat (B.B.A. '72) is a member of the 1999 Texas Leaders Round Table.

Rosemary Echeverria (B.A. '71; M.Ed. '89; M.Ed. '94) is a bilingual teacher at Cedar Grove Elementary School.

Nick Gagliano Jr. (B.A. '79), who retired from the U.S. Army Reserve with 21 years of service in active and reserve duty, is an assistant principal at El Paso High School.

Andy Grooms (B.B.A. '76) has been president of Branex Resources Inc., an independent oil and gas producer in Southeast New Mexico and West Texas, for 20 years.

Cheryl Herzberger (B.B.A. '79) has worked with the Federal Bureau of Investigation as a paralegal specialist for 20 years.

Guy Johnsen (B.S. '71), the first El Paso president of the Texas Veterinary Medical Association, was chosen as the 1998 Companion Animal Practitioner of the Year.

Manuel Marquez (B.S.Met. '71), a retired FBI special agent, is a corporate security representative with Delta Airlines in the Caribbean and Latin America.

Steve McAndrew (B.A. '70; M.S. '75) is the director of the retail foods division for the Bureau of Food and Drug Safety of the Texas Department of Health in Austin.

Irene Mendoza (B.A. '71) is manager of human resources and personnel for the U.S. Postal Service.

Gilberto Monarez (B.B.A. '76; M.Ed. '87) participated in an education workshop at the NASA Ames Research Center at Moffett Field in California.

Rita Montalvo (B.S.Ed. '73) is a bilingual teacher at Bliss Elementary School.

Gaylord Reaves (B.S.C.E. '71) owns GE Reaves Engineering in San Antonio, which was given the 1999 Regional Business of the Year Award from the Texas Association of Business and Chambers of Commerce.

J. James Rohack (B.S. '76), president-elect of the Texas Medical Association, was elected to a three-year term on the Liaison Committee on Medical Education.

Linda Ware (B.S.Ed. '74; M.Ed. '84), an assistant professor at the Warner School, organized an international conference on ideology and the politics of inclusion, which was funded by the Spencer Foundation.

Terry Wyatt (B.A. '79) is the president of TW2 Events, a company designed to develop, sell and market special events in El Paso.

80s

Richard Armstrong (M.S. '82) earned his master of theology and is studying at St. Tikhons Orthodox Theological Seminary to become a priest.

Virgilio Beletti (B.B.A. '85) is a member of the 1999 Texas Leaders Round Table.

James Briggs (B.S. '84) is an assistant professor of biochemistry and chemistry at the University of Houston.

Carolyn Collier (B.S.Ed. '89) is a special education teacher in the Content Mastery Center of Eastwood Heights Elementary School.

Paula Diaz (B.A. '84) is features editor of the *El Paso Times* and responsible for the Living and *Tiempo* sections.

Paul Escobar (B.B.A. '87) was elected as the El Paso East-Valley city representative.

Angie Hernandez (B.S.Ed. '85) is a bilingual teacher at Aoy Elementary School.

Deborah Ladewig (B.B.A. '84; CERT '94) is a teacher at Desertaire Elementary School.

Christina Lerma (B.A. '81) teaches a preschool program for children with disabilities at Bliss Elementary School.

Fernando Mendoza (B.S.C.S. '82) is the staffing manager for Office Team.

Bruce Monk (B.B.A. '85) is vice president and controller for the Snack Food Association.

Roy Morgan (M.A. '83) has been admitted into the Ph.D. program in clinical psychology at the Fielding Institute in Santa Barbara, Calif.

Cornelia Patterson (M.A. '82) received her M.F.A. in theater arts and directing from the University of Houston.

Velia Rodriguez (B.A. '80) is a teacher at O'Shea Keleher Elementary School.

Sylvia Sitters (B.A. '83) is the director of advertising and marketing at the *Hartford Courant*.

Amber Smith (B.A. '87) earned her master's degree with academic honors from the New School for Social Research in Health Services Management and Policy. She is an adjunct professor at Syracuse University's S. I. Newbros School of Public Communications.

Aundie Werner (B.A. '81; M.A. '93), a UTEP lecturer, was named Speech Language Pathologist of the Year by the El Paso Speech and Hearing Association.

90s

Beth Aguilar-Mendoza (B.I.S. '94), a teacher at South Loop Elementary School, was named 1999-2000 Teacher of the Year.

Nancy Blasch (B.S.Ed. '95; M.A. '95) is a language arts teacher at Parkland Middle School.

Edward Carpenter Jr. (B.A. '95) is a priest at St. Stephen's Catholic Church in El Paso.

Veronica Delgado (B.A. '97) is a teacher at D. McRae Elementary School.

William Goldfarb (NG) is a member of the 1999 Texas Leaders Round Table.

Heather Jimenez (B.S. '99) is a biology teacher at Socorro Middle School

Liz Johnson (B.I.S. '95) is a teacher at Escontrias Elementary School.

Gilbert Lara (B.B.A. '94) is on a six-month deployment to the Western Pacific and Indian oceans aboard the USS Comstock.

William Leff (NG) is the El Paso-area chair of the Texas Board of Chiropractic Examiners Peer Review Committee.

Gari Lewis (B.B.A. '89; M.Ed. '98) is a bilingual liaison for the Austin Independent School District.

Bill Lynde (NG) has published *Unforgettable Characters*, which explores journalism issues.

Gabriel Palomo (B.B.A. '95) is the cost accounting supervisor for Koch Membrane Systems in Boston.

Frank Perez (B.A. '93; M.A. '97) will present a paper at the National Communication Association in Chicago this fall.

Susan Ramirez (B.A. '96) is teaching adult basic education/ESL at the Ysleta Adult Learning Center.

Hector Renteria (B.B.A. '91) is a manufacturing foreman at the Hoover Company. He also has earned his MBA from the University of Phoenix.

Dolores Saucedo (B.S.Ed. '90) is a teacher at Cedar Grove Elementary School.

Sandra Vasquez (B.I.S. '96) is a teacher at Ysleta Elementary School.

Daisy White (B.I.S. '95) is a teacher at Horizon Heights Elementary School.

William de Socarras (M.S. '74) Nov. 20, 1996. He was a resident of Midland and a retired anesthesiologist.

Ronald Welch (M.A. '83) Nov. 27, 1997. He had lived in El Paso for more than 30 years and retired from Gadsden High School. Welch had worked as a part-time lecturer in the UTEP English department and a part-time instructor at El Paso Community College. He is survived by his lifelong companion, Peter.

Wallace Dow (B.S.M.I. '51) April 11, 1998.

Mary Jane Bush (B.A. '35) She was a lifelong resident of El Paso and a retired teacher from the El Paso Public Schools. Bush was preceded in death by her husband, W. Ted.

Frank Noe (M.Ed. '89) April 10, 1999. A lifelong resident of El Paso, he was a teacher at O'Shea Keleher Elementary School. Noe was an U.S. Air Force veteran. He is survived by his wife, Estella; son, Frank Jr.; daughters, Lisa and Sandra; brothers, Carlo and Mario; and sister, Anna.

Douglas Edman (B.B.A. '69) April 20, 1999. He was a resident of Roswell, N.M. where he worked as a certified public accountant. Edman is

survived by his son, Michael; and daughters, Lisa and Laura.

Alvin Clark (B.A. '56; M.Ed. '65) May 16, 1999. He is survived by his wife, Bertha.

David Lauthers (M.Ed. '83) May 25, 1999. He was a lifelong resident of El Paso and a retired U.S. Army major and Vietnam veteran. Lauthers was a member of the Coronado VFW Post #10326. He is survived by his wife, Sally; son, David; daughter, Alice; and sister, Rose Mary.

Beverly Harness (B.A. '44) June 1, 1999. She was a resident of Greenville, Texas, and had been a special education teacher in the Sherman school district for 25 years. Harness is survived by her daughters, Vicki and Gail; and granddaughter, Kate.

Luis Delgado (B.S.Met. '62) June 2, 1999. He had been a resident of El Paso for the past 10 years and was a consultant in the Mining and Metallurgy Industry in the United States and Mexico. Delgado was preceded in death by his parents, Simon and Maria Teresa. He is survived by his wife, Daisy; daughter, Eva; sons, Luis and Benjamin; daughters, Sandra and Rocio; and grandchildren, Alejandro, Ana Cristina, Michael and Daniel.

Lucile Tillman (B.A. '32) June 3, 1999. She was a lifelong resident of El Paso and former elementary school teacher with the El Paso Independent School District. Tillman was a member of the Woman's Club of El Paso for more than 50 years, the Woman's Auxiliary at UTEP, Zeta Tau Alpha, the El Paso Historical Society and the American Society of Civil Engineers Auxiliary. She is survived by her daughters, Kathryn and Sara Louise; sister, Sara; granddaughters, Lisa and Karen; and brother, George.

Marion Conway (B.A. '47) June 9, 1999. She was a resident of El Paso for more than 30 years. She was a member of the Daughters of the American Revolution, the Women's Club of El Paso and the American Association of University Women. Conway is survived by her son, Robert; daughter, Connie; and sister, Margaret.

Henrietta Heller (B.A. '45) June 12, 1999. She had been a lifelong resident of El Paso. Heller is survived by her husband, Irving; sons, Maurice and Leonard; daughters, Claire and Jacqueline; and sister, Lucy.

Sue McLean (B.A. '34) June 13, 1999. She had been a resident of El Paso and a retired teacher. She wrote the history of the First Christian Church and was the recipient of the 1997 Award for Excellence. McLean was preceded in death by her husband, J.A.B. She is survived by her sons, Malcolm and Blanton.

Edward Morgan (B.S. '66) June 23, 1999. He lived in St. Louis, Mo., since his retirement in 1979. Morgan was a veteran of World War II,

serving with the U.S. Army Air Corps. He was an architectural designer for homes, commercial buildings and apartment complexes in El Paso. He is survived by his wife, Jeanne; sons, Edward Jr., Frank, Robert and Michael; grandchildren, Edward III, Tom, Tara, Marah, Mitchell, Seam, Lourdes, Vitria, Michael Jr., Morgan and Laurie; sister, Marjorie; and husband, Raymond.

John Navarrete (B.S. '64; M.Ed. '69) May 23, 1999. Navarrete, a resident of Herndon, Va., was a former special agent in charge of the El Paso FBI office. He was a mentor and reading coach who initiated the Junior Special Agent program. He was president of the Law Enforcement Association in El Paso and the Federal Executive Employees Association. He is survived by his wife, Olga; sons, John, Michael and Danny; parents, Jose and Ignacia; sisters, Ofelia and Eva; and brothers, Enrique and Ernesto.

Laura Riddle (B.S.N. '98) June 23, 1999. She was a lifelong El Paso resident who had worked as an occupational therapist for the State Center for Mental Health and Mental Retardation. Riddle is survived by her parents, Raquel and Antonia; brothers, Antonio and David; and sisters, Raquel, Sylvia, Gabriela and Lisa.

James Kelly (B.S. '51) June 27, 1999. He had been a lifelong resident of El Paso and had retired from El Paso Natural Gas Co. after 21 years of service. Kelly was a World War II veteran of the U.S. Navy. He was a member of the American Association of Petroleum Geology, the American Institute of Professional Geologists, the Veterans of Foreign Wars and the American Legion. He was preceded in death by his daughter, Rebecca; brother, John; sisters, Mary and Gertrude. He is survived by his wife, Eve; sons, James, Kelly, Timothy, Eddie, Ben and Billy; daughters, Jacqueline, Karen, Elizabeth, Debbie and Ruth; sisters, Eleanor and Ruth.

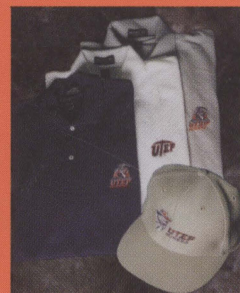
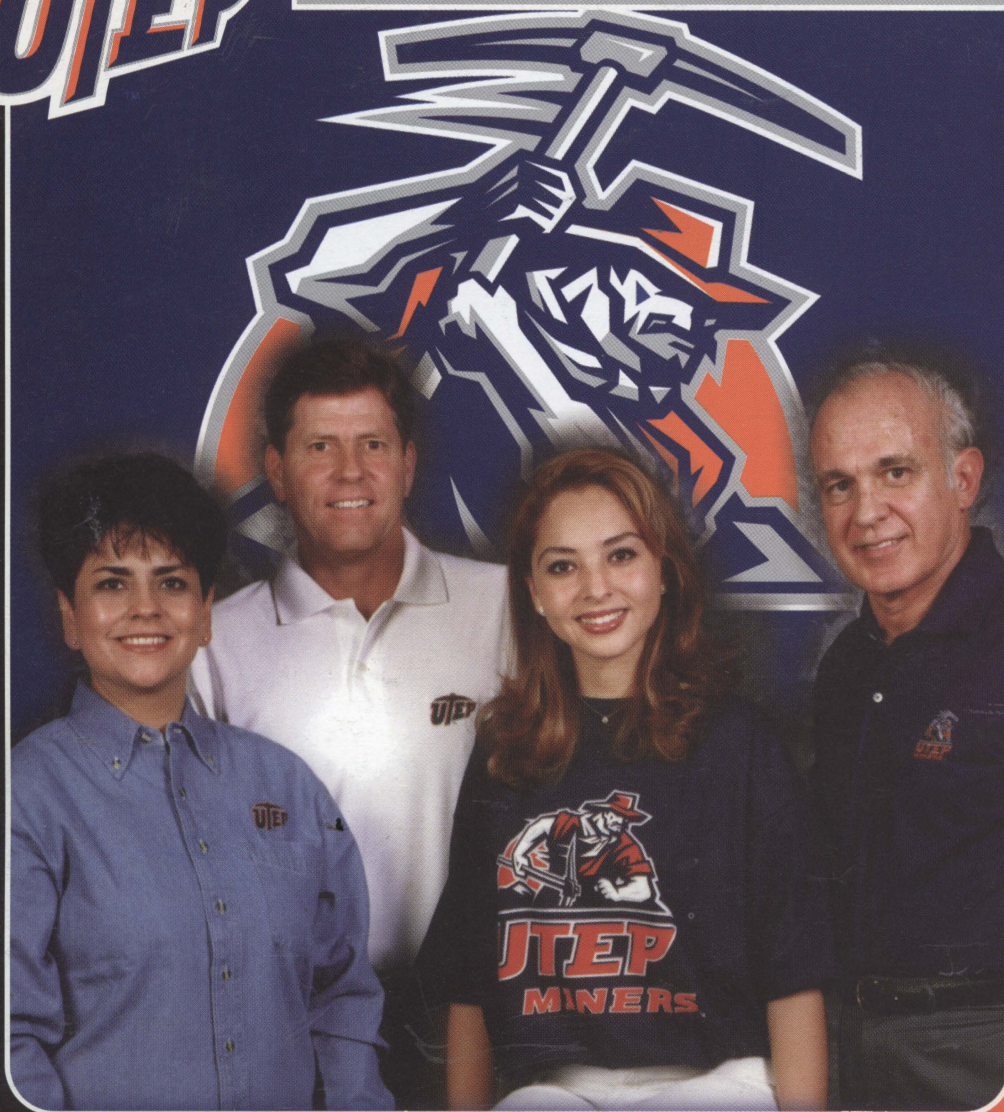
William Flenniken (B.B.A. '72) June 22, 1999. He was a resident of Spokane, Wash., and was retired from McCollum Ford. Flenniken was a U.S. Navy and U.S. Army veteran who served in World War II and Vietnam.

Tommy Alford (NG) June 28, 1999. She was a lifelong resident of El Paso. Alford was active in the Rio Bravo Watercolorists, El Paso Art Association, El Paso Museum of Art and Goodwill Industries Board of Directors. She also was a painter whose works were displayed at the Americana Museum, the UTEP Centennial Museum and the People's Gallery at City Hall. Alford was preceded in death by her son, Duane. She is survived by her husband of 49 years, Harvey; sons, Kevin, Wyndom; grandchildren, Brandon, Aaron, Tyler, Ryan and Madison; and brothers, Ronald and Van.

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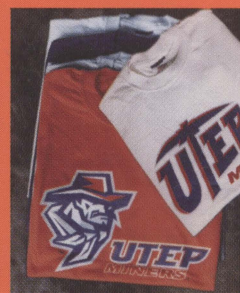


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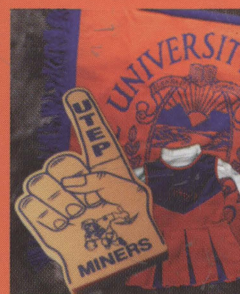
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