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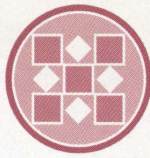
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NOVA

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



FALL • 1997



FROM THE EDITOR

As the university embarks on the always exciting journey of a new academic year with new and returning students, we celebrate the recent affirmation of UTEP's important role of offering quality educational opportunities to the citizens of this region.

UTEP ranks second in the nation for the total number of bachelor's degrees awarded to Hispanics and in the top 10 in several academic disciplines, in both the *1997 Black Issues in Higher Education 5th Annual Special Report — Top 100 Degree Producers* and *The Hispanic Outlook in Higher Education*. Both *BIHE* and *Hispanic Outlook* rank the university as first in the nation in the number of bachelor's degrees awarded to Hispanics in health professions and second in business. UTEP ranked in the top five in engineering, physical science and interdisciplinary studies (education). The university also ranks 11th in the nation for the number of Hispanics awarded master's degrees in all disciplines and 11th in the number of master's degrees awarded in engineering.

These rankings are particularly significant in light of a recent statewide survey that confirms how important opportunities for higher education are to the people of this region.

According to a July 1997 report "Responding to Projected Increases in Student Enrollment," issued by the Texas Higher Education Coordinating Board, the majority of university-bound students from this region attend UTEP instead of public universities elsewhere. Compared to other regions where between 32 and 70 percent of students leave their hometowns to attend college, only 16.5 percent of students leave El Paso to seek a university education. The survey also shows that a higher percentage of this region's total population participates in higher education than populations from other areas of the state.

These rankings and the coordinating board's survey are ample proof that UTEP is successfully achieving its mission of providing higher educational opportunities to the people of this region.

An outstanding example of UTEP's production of successful graduates who are equally committed to the community is featured in this issue of *NOVA Quarterly*. The profile of Rosa Guerrero — a nationally celebrated artist, educator and founder of the Rosa Guerrero International Folklorico, and UTEP's 1997 Distinguished Alumna — is similar to the stories of other UTEP students, both past and present. Rosa's story is an illustration of how she overcame social and educational barriers to reach for her dream of becoming a teacher. With unwavering determination and optimism, she has become a champion of cultural diversity and sensitivity and an educational leader dedicated to the needs of the children in this community. Rosa is living proof that talent and ambition know no boundaries.

This September, UTEP heralds the beginning of an exciting new era with the grand opening of the new Undergraduate Learning Center. Built to conform with UTEP's traditional Bhutanese architecture, the center houses the latest in multimedia technology — a wondrous blend of the ancient and the modern.

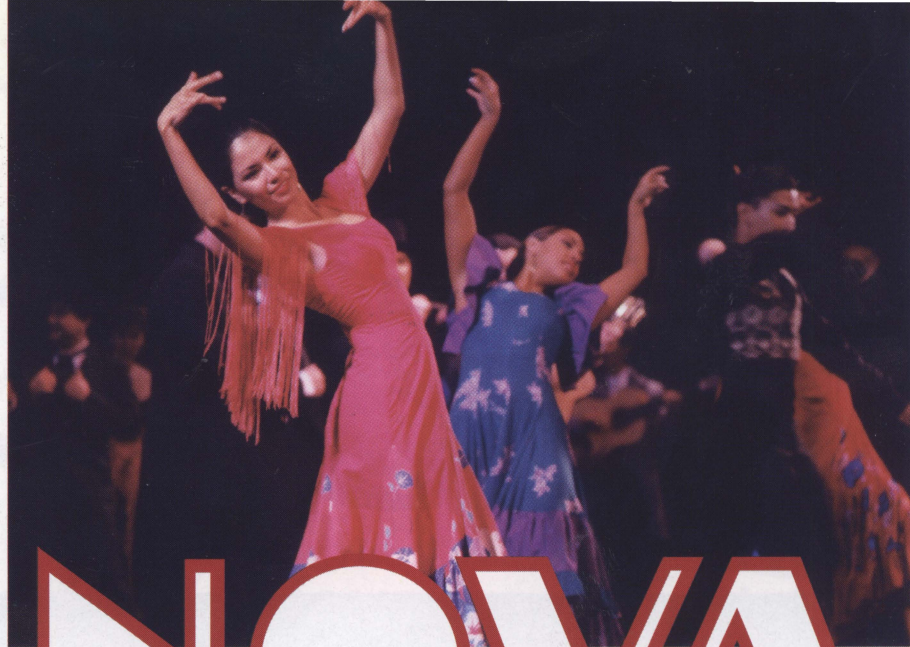
It has taken two years and a lot of hard work from many committed individuals to bring about this technological marvel. The new center and the advanced and revolutionary teaching methods it provides, enhances UTEP's reputation as a leader in higher education — a university that educates diverse students who will be able to compete in the global market of today and tomorrow.

— Kathleen Rogers, Editor

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NOVA

Q U A R T E R L Y

ON THE COVER

UTEP's 1997 Distinguished Alumna, Rosa Guerrero. Photo illustration by John Downey. Photography by David Flores.

Above right photo:
In its second consecutive summer, Zarzuela at UTEP produced its second smash hit. "Luisa Fernanda," a story of love, war and ambition in revolutionary Madrid, showcased music and dance in two lighthearted performances this July. The zarzuela's lively song and dialogue was beautifully complemented by the graceful choreography of Danzas Españolas. Photography by David Flores.

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Rosa Gu

*1997
Distinguished
Alumna*



Guerrero



A Legacy of Wisdom and Grace

by Timi Haggerty



"Deep in my heart I am a child," says Rosa Guerrero.

There are few people who retain a child's purity of heart after the early years of childhood have passed. But in Rosa Guerrero, El Paso's ambassador of cultural harmony, a consciousness of faith and love burns strong and bright, determined to spread its light to the world.

She's 62, but, picking daisies from the garden in front of her Central El Paso home, clad in a white T-shirt proudly advertising "El Paso," dark hair cropped short, eyes bright, she could be a youthful 40. In her years, she has accomplished what it would take most people more than one lifetime to match.

A nationally celebrated artist, educator and humanitarian, she is best known as the founder and choreographer of the Rosa Guerrero International Folklorico. She is one of the region's most visible, acclaimed and admired individuals: a champion of cultural diversity and sensitivity, a constant and significant contributor to El Paso's artistic scene, and an educational leader dedicated to the needs of the children in her community.

In recognition of Rosa's service and commitment to excellence, UTEP honors her as its 1997 Distinguished Alumna, the highest accolade the university can bestow on a member of its alumni.

"Rosa Guerrero has committed her tremendous talent and energy to bringing people together, helping them understand each other — and themselves — just a little bit better," says UTEP President Diana Natalicio. "Her love and respect for all peoples and their cultures serve as a model for all of us to emulate. We are very pleased to be able to honor her as our Distinguished Alumna."



Pride and Prejudice

A first-generation American, Rosa was born in the heart of El Paso, the sixth of seven children. Rosa's parents, Pedro and Josefina Ramirez, raised their children in a home filled with love, music, dance and respect for their Mexican roots. Pedro was born in Aguas Calientes, Mexico, and Josefina came to the United States from Toluca in 1917, a refugee of the Mexican Revolution.

Rosa's pride in her ancestry would sustain her through the trials of growing up Hispanic in a less tolerant El Paso of the '30s and '40s. Rosa failed first grade because she couldn't speak English well enough, and when she was in the third grade, she was punished for speaking Spanish in class. Her teachers instructed her to never speak "that dirty language." Unfailingly optimistic, she decided then that she would become a teacher, but one who would encourage individuality and praise each child's uniqueness.

Josefina wanted her daughter to be a movie star. She encouraged Rosa's natural artistic abilities and enrolled her in formal dance training at age 6. From then on, Rosa was a whirling dervish in dance shoes. She performed throughout her beloved El Paso for the Armed Forces at Ft. Bliss, the League of United Latin American Citizens, the Veterans of Foreign Wars and at El Paso High School functions.

In high school, Rosa began dating Sergio Guerrero. They had been friends since elementary school, but Sergio thought he'd never have a chance with "Miss Popularity." She surprised him by asking him to a Leap Year dance their junior year, and they have been together ever since. They married at 19 and had three children, Sergio Jr., Ana and Roland.

Rosa entered motherhood while still attending classes at UTEP. She remembers that the first time she felt Sergio Jr. move in her womb was during a philosophy class. She was still nursing him when she finished her degree requirements.

"Thank God for UTEP," Rosa says. "I was determined to get my degree and become a teacher, and my husband was working toward his degree also. UTEP, which was Texas Western College then, was affordable — thank goodness because we didn't have any money then — and the education we received was wonderful."

Ana is still amazed at her parents' early accomplishments.

"I still can't believe what they did to graduate from UTEP," Ana says, awestruck. "They grew up as Depression babies and no one had ever graduated from college in our family. For them to get married, have children, work and go to school took immense amounts of dedication and physical labor. But they were determined."

Rosa earned a bachelor's degree in elementary and secondary education and a certification in physical education in 1957. She returned to the university on a fellowship in 1976 and earned a master's in curriculum development in bilingual education the following year. Rosa also worked at UTEP as a part-time lecturer from 1989 to 1994. Today, she is an artist-in-residence in the university's Chicano studies department. Sergio received his degree in physical education in 1958 and became a physical education teacher and coach in the El Paso Independent School District.



La Maestra

Rosa began her career in education as a physical education and modern dance instructor in 1958, one of the first Mexican-American teachers at El Paso High School. While there, Rosa realized that the children weren't getting the cultural foundation — and resultant self-esteem and self-confidence — they needed. With inspired clarity of purpose and vision, she created and implemented an intercultural education program for El Paso's public schools in 1970 — the first of its kind in El Paso.

"I wanted to bring harmony, love and peace," Rosa explains. "I thought if we started with the children, there would be an awakening in people's hearts because bigotry and discrimination must not be with us always. This is a world where we can learn so much from each other if we are willing to learn."

Through lectures, music and dance, this innovative program instilled in the city's youth a sense of personal cultural pride and a respect for people of all backgrounds. Rosa ignited a renewed sense of self-respect among El Paso's Mexican-Americans and built a bridge of understanding between people and cultures.

"The legacy that Rosa leaves is an appreciation of the beauty of our cultural diversity so that our culture doesn't just survive — it thrives, it flowers," longtime friend John Haddox, a UTEP professor of philosophy, says. "She emphasizes the Chicano/Hispanic background because that's her heritage — a beautiful heritage of which she is understandably proud — but she loves everybody. She has always talked about prizing difference. Not just recognizing that we are all different, but being delighted by those differences."

In recognition of her contributions to the children of El Paso, Rosa is the first artist, first living educator and first Hispanic woman in the city's history — the second in Texas history — to have a school named in her honor. Rosa Guerrero Elementary School was dedicated in 1993 by then Texas Gov. Ann Richards.

Bailando con Vida

In 1975, Rosa organized the Rosa Guerrero International Folklorico — the first ballet folklorico company in El Paso and the realization of her dream to share her pride in this area's roots. The ensemble's program is an energetic celebration of Mexican, Spanish and Native American cultures, providing an authentic, colorful look into a varied and distinct heritage.

The impact the International Folklorico has had on dance in the Sun City is remarkable.

"Sometimes I think everybody in the world has taken dancing with me. There are just too many to count," Rosa beams, her proud bearing and strong voice revealing her delight in her accomplishment. "I started the very first folklorico in El Paso, and now, there are more than 45 folklorico groups in the city — and more than half of the folklorico teachers and directors came from my group."

The Rosa Guerrero International Folklorico has performed for multitudes throughout the country, most notably for the Bolshoi Ballet, delegates of NATO, the CIA and former President Ronald Reagan. Rosa counts as the highlight of her career the 1991 invitation for her dance troupe to perform at the Kennedy Arts Center in Washington, D.C., to celebrate the Texas Festival honoring state arts and artists. The group was the only one representing El Paso and the only folklorico company invited.

Rosa's athletic and balletic accomplishments seem all-the-more miraculous with the knowledge that osteoarthritis has plagued the high-spirited performer for much of her life.

"Rosa used to give guest lectures to my classes about culture and dance," Haddox reminisces. "And I can remember days when she could barely make it up the stairs to my classroom, walking very slowly because of her arthritis. But once she was in the room and had turned the music on, she'd be gliding across the floor — the pain was gone. She gets such healing pleasure from that kind of movement."



"Rosa Guerrero has always been committed to making children feel pride in their culture and who they are. She emphasizes the importance of a well-rounded education — socially, emotionally, academically and religiously."

*Christina (Nina) Echeverria,
a sophomore pre-medicine
student at Stanford University, danced
with Rosa Guerrero
for seven years.*

*Upper left:
Opened in 1993, Rosa Guerrero
Elementary School is a tribute to
her lifelong commitment to
educating the children of this
region.*

*Right:
A regular storyteller at the school
named in her honor, Rosa Guerrero
captivates the children by bringing
story-book characters to life.*





Rosa Guerrero shares her enthusiasm, words of encouragement and prayers with dancers backstage at the 23rd annual International Folklorico program.

Forging with Fire

Rosa's energy is like a fireball — the air vibrates and glows almost iridescent — and she radiates a fire that makes everything she says grow more meaningful and stimulating. Children and adults — even the toughest, most hardened of them — respond to her revitalizing touch.

Though she retired from teaching in the public schools in 1979 and from the International Folklorico in 1993, she continues to inspire others through the exhilarating presentations she gives across the country to promote cultural diversity and ethnic harmony.

Rosa spreads her message to the world that America is not a melting pot but a tapestry, a mosaic woven of people of every color. Her message is a challenging force that stimulates human emotion, uniting all peoples and all cultures.

"She is so dynamic," says Dennis Bixler-Marquez, director of Chicano Studies at UTEP. "Her approach is highly interactive, and she has such poise, such grace and style. She is completely attuned to her world and she fosters an awareness of color, taste, sight and sound—the beauty in the differences of everything and everyone."

Ever the optimist, Rosa has been a constant and significant contributor to humanitarian efforts in the region. She helped found both the UTEP Center for Lifelong Learning, which promotes continuing learning for people over age 50, and the Ruben Salazar Foundation, which raises scholarship money for needy students in memory of the journalist and UTEP alumnus renowned for his coverage of Latino and border issues.

Her passionate and helpful interest in the lives of others, her faith in God, and her embodiment of the idea that love is not so much a way of feeling as a way of acting, have touched and benefited thousands.

A devout Roman Catholic, Rosa says God is her "agent," and credits Him with empowering her to touch people's hearts, as well as with giving her the vitality and energy to maintain her fervent pace — even after suffering a heart attack five years ago.

"People always ask me, 'Don't you get tired?' My husband would love for me to stay at home. He tells me, 'You could live like a queen,'" she says, her eyes amused at the recollection.



"Through dance, Mrs. Guerrero instilled in me a sense of self, which she accomplished by teaching discipline and encouraging me to have pride in my own abilities and my Hispanic heritage. I am only one of thousands whose life has been touched by Mrs. G and I will always be grateful."

Laura Amastae, a junior psychology student at Trinity University, danced with Rosa Guerrero as a child and a teenager.



"And I say, 'I was born a peasant. I was born to give and to serve.' We truly are born to serve, for it is in doing so that we serve ourselves — because giving gives back."

Loved and respected both locally and nationally, Rosa has been honored extensively for her outstanding achievements and service to this region. Her list of prestigious accolades includes the Valley Forge Freedoms Foundation Award from Valley Forge, Pa.; her designation as a "Texas Legend" by Del Webb's Sun City in Georgetown, Texas; and her Women's Hall of Fame induction by both the City of El Paso and the State of Texas. She has been named El Paso High School's Outstanding Ex, Outstanding Woman Artist in El Paso by the Mexican American National Association, and one of the Outstanding Hispanics in the Southwest by the Adolph Coors Co. in Golden, Colo.

The Legacy Continues

When Rosa is not busy being a cultural icon for her city, she is a devoted wife, mother and grandmother to five. Her family expresses a reverent pride in their matriarch and joy in her designation as UTEP's 1997 Distinguished Alumna.

"It is such a quantum leap for my mother to have come from refugees of the Mexican Revolution, from that background, to this outstanding honor she receives today," Sergio Jr. says. "She is a shining example for this community of what this university is and what this university means to the Greater Southwest region."

There are few who experience this unique and talented lady and remain unchanged, and her influence on the lives of those she has touched will resonate in this city for generations. And she says she still isn't done yet. Rosa plans to one day open a Cultural Development Center in El Paso that will serve as a clearinghouse for information about the city.

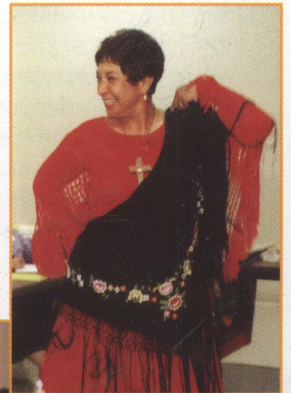
"A cultural center would be a tremendous place for students, educators and tourists to learn about our city and our history," Rosa says. "This would be most important for our children, so that they may have a strong self-identity and wouldn't have to leave El Paso to truly appreciate it. This is my city, and I will never stop working to serve my people." ■



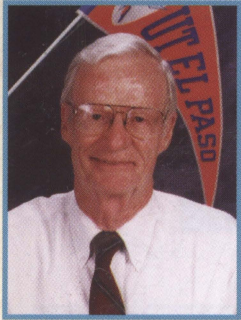
"I will always be grateful that I had Mrs. Guerrero as a role model. She inspired me to strive for all of my goals in life and to be proud of who I am. Congratulations Mrs. Guerrero on this honor and your great accomplishments."

Jessica Bravo-Flores, an electrical engineer with Boeing in Seattle, started dancing with Rosa Guerrero when she was three years old and continued until she graduated from UTEP.

Rosa Guerrero inspires educators to appreciate and celebrate difference at a new teacher orientation with the El Paso Independent School District.



LEGACY LEDGER



Peter de Wetter

\$50 MILLION FOR UTEP — WHY?

The UTEP Legacy Campaign to raise \$50 million in endowment funds is unprecedented in the history of El Paso. To date, close to \$35 million has been committed. Never before has a fundraising initiative of this magnitude been undertaken in this community.

As the chairman of this campaign, I am asked from time to time why UTEP, which receives state support, has undertaken such a major initiative in the private sector. I also am asked why a group of busy people in the El Paso business community have donated so much of our time, effort, and resources to this campaign.

The answer is simple. First, we believe that UTEP is the single most influential determinant of the future of El Paso. UTEP educates more than two thirds of El Paso's public school teachers, who educate El Paso's future leaders and citizens. More than 80 percent of UTEP's alumni live in El Paso, pursuing productive careers and fulfilling lives. UTEP generates more than \$260 million in economic activity in the city. UTEP's faculty and students conduct research (scientific, economic, and educational) which has a direct impact on the quality of life for all of us in El Paso. And El Paso's cultural life is dependent on UTEP faculty and students in music, theater, and the fine arts. These are just a few of the ways in which UTEP has a tremendous impact on the region and on the quality of life in our community.

Second, state support alone cannot provide adequate resources for UTEP to sustain its important mission. As a percentage of total university expenditures, state appropriations have decreased substantially. This is not because the state has withdrawn support, but rather that UTEP has advanced faster than the pace of state support in order to keep up with the acceleration of knowledge in this "information age." Just look at the advances UTEP has made since 1988:

- UTEP's budget has increased from \$70 million to \$140 million;
- The number of doctoral programs has increased from 1 to 7;
- External sponsored and research funding has increased from less than \$5 million to more than \$33 million;
- UTEP's rank among Texas universities in sponsored project & research expenditures has risen from 12th to 4th; and
- Annual private sector gifts to UTEP have increased from less than \$3 million to more than \$16 million.

These are facts. This is a university on the move. To keep up, UTEP needs to strengthen the resources for its faculty, provide more scholarship support, and keep up with technology, these are just a few of the critical requirements for progress.

We embarked on the \$50 million UTEP Legacy Campaign to strengthen UTEP for the future and, in so doing, strengthen El Paso's future. To date, the campaign has provided for:

- Four new library endowments;
- Three new endowments for technology;
- Eight new athletic endowments;
- 34 new departmental excellence funds;
- 15 new professorships and chairs; and
- 57 new endowed scholarship funds.

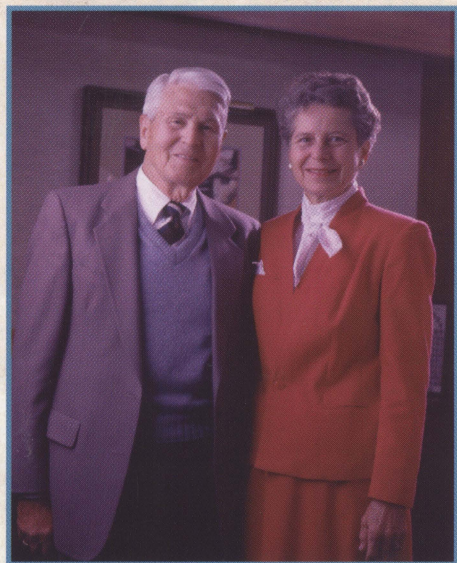
A stronger university. A stronger El Paso. That is our objective. Soon, the alumni campaign will begin and you will be asked to join us in this effort. When you are invited to make your own investment in the future of El Paso, please do so, and become a part of the history of this great community.

A large, stylized handwritten signature in dark ink, appearing to read 'Peter de Wetter'.

Peter de Wetter
UTEP Legacy Campaign Chairman

LEGACY
c a m p a i g n

LEGACY LEGENDS



ELLIS AND SUSAN MAYFIELD

by Karen Kilgore

Ellis and Susan Mayfield have long been committed citizens of El Paso. They have both been honored with El Paso's Conquistador Award for outstanding service to the community.

This love of El Paso was seen early in Ellis' life. As a young boy visiting New York, an aunt took him to see the world-famous Botanical Gardens. After the tour, he said, "The gardens were beautiful — but have you ever seen the Sunken Gardens at El Paso's Washington Park?" At that point, his aunt was certain that Ellis would become the president of El Paso's Chamber of Commerce, and years later he did!

El Paso is Ellis' city and the "Mines" is his school. Since his days as a student at the College of Mines (now UTEP), Ellis has remained loyal to his university. When he married Susan, she caught his enthusiasm for his university, and for 46 years the couple has supported the cultural and athletic programs UTEP offers.

The university is a major part of the Mayfields' lives, due to Ellis' nature as a "sports fanatic."

"We have missed weddings, parties and all kinds of nice events to attend UTEP football and basketball games. We never miss the Miners!" Susan says.

Nor do they miss UTEP's academic celebrations. "What a joy the annual scholarship dinner is," says Susan. "We love to have the opportunity to meet students and encourage them to graduate, possibly to remain in El Paso, where they can pursue meaningful lives."

Ellis and Susan always looked forward to the time when they could establish an endowment to help hard-working students complete their education at UTEP.

In 1986, they established the Mayfield Family Presidential Scholarship for the College of Business Administration. The couple established a second major endowment in 1994, one that will continue in perpetuity: the Ellis and Susan Mayfield

Professorship in Business Administration. Now — partially in response to the Legacy Campaign and partially as a natural evolution of their lifelong commitment to giving — the Mayfields have arranged to upgrade their professorship to an endowed chair.

To create the future endowed chair, the Mayfields are combining current and planned giving techniques. In addition to a five-year monetary commitment, Ellis and Susan have decided to UTEP their beautiful Upper Valley home, retaining a life estate. This planned gift enables the Mayfields to live in their home for the rest of their lives and then pass it on to UTEP. After their home is sold, the proceeds will be added to the Mayfield professorship, elevating it to an endowed chair.

Although their final gift will mature years in the future, Ellis and Susan take pleasure in the permanent impact their endowments will make on the university. "This endowment will help provide UTEP with the adequate income to fund competitive salaries, to recruit and retain outstanding faculty members, and provide the resources for underwriting their research," Susan explains.

These committed donors also pledge their time and insight to the Legacy Campaign. Ellis solicits major donors, while Susan co-chairs the UTEP Family Campaign.

"By *Family*, we mean UTEP faculty, staff, parents and students. Faculty and staff leaders have been recruited and solicitation of their peers is well underway," Susan says. "I have been so impressed with the commitment of UTEP's faculty and staff to the university."

With each phone call requesting support for the Legacy Campaign, Ellis works to dispel the myth that the State of Texas provides all of the university's funding. "This has been called a *state-supported* institution, but it is really a *state-assisted* university," Ellis said. "Less than 40 percent of UTEP's \$140 million budget comes from the state. It is up to the rest of us to help UTEP strengthen its resources for the future."

The Mayfields are articulate and passionate in listing the many intellectual and cultural benefits UTEP provides the community. They also emphasize that the university is the second largest employer in El Paso, and therefore, exerts enormous economic influence on the city.

Ellis and Susan Mayfield have been well-respected volunteers for many philanthropic causes and their efforts have not gone unnoticed. In fact, they have received almost every civic honor in El Paso. While their other community projects give the Mayfields satisfaction, the couple relishes in investing their time and talent in the Legacy Campaign and the university that it benefits.

"What a beacon UTEP continues to be!" exclaims Susan. "We feel an endowed gift to UTEP is primary to other gifts because a city grows and prospers through education. It is through these gifts that the young people of El Paso are given the opportunity to receive an exceptional education and a boost toward the future leadership in our great city."

These are meaningful words from Ellis and Susan Mayfield, who have always subscribed to the philosophy that a school is really "four walls with tomorrow inside."

LEAVING THE GIFT OF REAL ESTATE: A TAX-WISE ADVANTAGE

Did you know it's possible to donate your home to a charity — and continue to live in your home for the rest of your life? It's true. Under the concept of "retained interest" you may donate your residence (or farm) to a charity and still live in your home while enjoying a substantial tax savings. You also may sell your home, or rent it, without losing the tax benefit.

How does this work? Let's look at a hypothetical example:

The Smiths own a house valued at \$100,000 which they plan to live in the rest of their lives. They donate the house to UTEP while continuing to live in the house. The Smiths receive a current income-tax deduction based on the value of their house and their ages.

Let's say the Smiths later decide to move to Florida. There are several options for the Smiths. They could sell their house in which case the proceeds would be placed into a trust with the Smiths receiving income payments from the trust for the rest of their lives. Or, the proceeds from the sale could be divided, with the Smiths keeping a portion and the other portion going to UTEP. Instead of selling the house, the Smiths might rent it out while keeping the rents they collect. The Smiths would have other options, as well.

This kind of real estate donation is not limited to your home. It covers any personal residence, including single-family homes, or stock you may own in a cooperative housing corporation, condominium or vacation home — or farm, where you grow agricultural products or raise livestock.

To find out more about the "retained interest" gift or the many other tax-wise ways to support your favorite charity, please call Steve Meador, UTEP's Planned Giving Officer, at 915/747-5533. Or, you may call a member of the Planned Giving Council (formed as part of UTEP's Legacy Campaign), a group of professionals which includes attorneys, accountants, life underwriters, securities brokers, financial advisors and trust officers. These professionals are available for speaking engagements on a variety of giving topics to donor and civic groups, or for pro-bono consultation with individuals considering planned gifts to UTEP. For information about the council or to arrange a presentation about the benefits of tax wise giving, call:

Julian Bernat, council chairman, at 915/532-1491 or
Robert Heasley, vice chairman, at 915/543-5630.



ALUMNEWS

by Mona Segura

WHAT IS THE UTEP ALUMNI ASSOCIATION?

The Alumni Association is an organization of former UTEP students and faculty members that promotes the interests and welfare of the university. By sponsoring and supporting UTEP programs, projects and activities, the association assists the university in its mission to achieve academic excellence. The association brings alumni and friends together throughout the year for events such as pregame parties, Homecoming, Season of Lights and the Top Ten Seniors Banquet.

HOW CAN I JOIN THE ALUMNI ASSOCIATION?

Simply send a minimum annual contribution of \$25 per person to:
UTEP Alumni Association
Office of Development and Alumni Affairs
University of Texas at El Paso
El Paso, TX 79968-0524

Please include your year of graduation or the years you attended UTEP on your check. Indicate the college, department, academic program or scholarship for which your donation is intended. A membership card will be mailed to you.

VOTE FOR YOUR 1998 ALUMNI BOARD!

Be sure to vote for the 1998 Alumni Association Board of Directors. The newly elected board members will be announced during the 1997 Homecoming pregame party at 4:30 p.m. Saturday, Oct. 18, at the Administration Annex (Alumni Lodge). The Alumni Association Board of Directors coordinate all of the association's activities throughout the year. If you are a current member of the Alumni Association and did not receive a ballot, please call the Alumni Office at 800/687-8004.

UNDER THE BIG TOP!

Every year UTEP's Homecoming festivities get bigger and better! This year is no exception. "Under the Big Top," Oct. 13 - 18, showcases the diverse culture and talents of the UTEP family. Each year, Homecoming celebrates the unique nature of our campus, how it has grown, how it has changed and how it has remained the same. As former students reminisce and

relive their college days, we (the Alumni Association) continue to create new memories. This year's weeklong Homecoming events are designed to bring together former and current students to share in the fun and celebration. Come one, come all — come big and small — and join us "Under the Big Top!"

(See back cover for Homecoming events.)

MINERPALOOZA

In August, the Alumni Association hosted its annual street festival at the center of the UTEP campus amid the excitement of Labor Day and the 1997 - 98 UTEP Football season. Co-sponsored with the Union Programs Office and the Student Development Center, this year's event was coordinated by Alumni Association board members Rusty Gibbs (BB, '68), David

Womack (MBA, '78) and Donna Neessen (BSED, '70). Amusement booths, face painting and the great sounds of the River City Band provided a wonderful opportunity for UTEP students, alumni, faculty, staff and friends to come together. A big thanks to the UTEP Miner Band, the Goldiggers, and the UTEP cheerleaders for their continuing spirit and support.



1997 GOLD NUGGET RECIPIENTS

The Gold Nugget Award represents the highest honor each of the six college's bestows upon an alumnus for a distinguished record of professional achievement. The 1997 Gold Nuggets are:

College of Nursing and Health Sciences

Captain **Mauricio Aparicio III** received his B.S. in nursing from UTEP in 1982 and his master's degree in human resource management from National University in San Diego in 1993. He was deployed with the surgical team to Beirut, Lebanon, on the USS Guam in 1982, and was in the Marine Corps barracks in Beirut that were bombed by terrorists. He has been honored with the Purple Heart Medal, Navy Commendation Medal, Navy Achievement Medal, Good Conduct Medal and several unit and campaign awards. In April, he became the first male Hispanic Nurse Corps Officer to achieve the rank of Captain in the 89-year history of the Navy Nurse Corps.

College of Liberal Arts

Martha E. Bernal received a B.A. in psychology from UTEP in 1952, a master's degree in special education from Syracuse University in 1957, and her Ph.D. from Indiana University in 1962. Bernal is a professor emeritus and a research professor in the psychology department at Arizona State University. She received the Distinguished Life Achievement Award —

for the psychological study of ethnic minority issues — from the American Psychological Association in 1994. She researches the ethnic identity, development and socialization of Mexican-American children and youths. Bernal is a guest reviewer for national trade journals, including the American Journal of Community Psychology, American Psychologist and Child Behavior Therapy.

College of Education

Dolores De Avila received a B.S. in education at UTEP in 1969, a certification in early childhood bilingual education at UTEP in 1979, her master's degree in education at Stephen F. Austin State University in 1982, and her certification in supervision and midmanagement at Stephen F. Austin State University in 1983. She is the principal of Ysleta Elementary School in El Paso. De Avila participates with the El Paso Collaborative for Academic Excellence (Teacher and Administrator Development and Standards Initiative) and with the UTEP Teacher Professional Development Board. She is involved in numerous community and professional organizations and actively seeks resources to support the school community.

College of Science

Dr. Edward Egbert received his baccalaureate degree from Texas Western College in 1947 and his medical degree from the UT Medical Branch at Galveston

in 1951. Dr. Egbert was instrumental in establishing the Anton Berkman Fund in Biology, and the College of Nursing and Allied Health (now Health Sciences) Occupational and Physical Therapy Program at UTEP. In 1995, he received the S. T. Turner Award in recognition of his outstanding contributions in patient care; community, hospital and military service; and family, church and professional relations.

College of Engineering

Robert Navarro received his B.S. in civil engineering from Texas Western College in 1962 and his M.S. in civil engineering from New Mexico State University in 1966. As President/Chief of Engineering of Robert Navarro and Associates Engineering Inc., Navarro has been active in numerous professional organizations, including the American Society of Civil Engineers, the National Society of Professional Engineers and the Texas Society of Professional Engineers. He served as president of the El Paso branch of the American Society of Civil Engineers, and received the Award of Honor for the Texas Section of the American Society of Civil Engineers in 1991.

College of Business Administration

Robert E. Skov received his M.B.A. in economics from UTEP in 1992. Prior to returning to El Paso, he graduated with honors from Stanford University with a bachelor's degree in economics. Born and raised in the Sun City, Skov is a partner with his brother, W.D., in Skov Farms & Cattle Company and is the secretary/treasurer in LL & SS Corporation, Real Estate Development. He is director of the El Paso County Water Improvement District No. 1. During the last eight years, Skov has been involved in cotton promotions and marketing, directing trade teams to Asia and Europe.

1997 CALENDAR OF EVENTS

There are football pregame parties before each home game from 4:30 to 6 p.m. at the Administration Annex (Alumni Lodge).

- Sept. 13UTEP vs. New Mexico at 6:35 p.m.
- Sept. 27UTEP vs. NMSU at 6:35 p.m.
- Oct. 13-18Homecoming
- Oct. 18UTEP vs. San Jose State at 6:35 p.m.
- Nov. 1UTEP vs. BYU at 6:35 p.m.
- Nov. 15UTEP vs. TCU at 6:35 p.m.
- Nov. 21Season of Lights Ceremony

Check your mail for the Homecoming calendar of events, which includes the colleges' celebration of these outstanding alumni.

CLASSNOTES

By Judy Jimenez

40s▼

Winifred Houser (B.A. '42; M.A. '54) recently celebrated her 90th birthday with a party hosted by family and friends at the Marriott Hotel.

50s▼

Sara Ann Baker (B.A. '57) is a finalist from the Fabens Independent School District for the 1997 Region 19 Teacher of the Year Award.

Lucy Galvan Carrera (B.A. '59; M.A. '73) received the Impact Award from Tempe School District No. 3 in Tempe, Ariz. She also is an adjunct instructor at South Mountain Community College in Phoenix.

Don Henderson (B.B. '56) has qualified for membership in the 1997 Texas Leaders Round Table.

Steve Morales (B.A. '57) is employed at Steve Morales Insurance Agency and writes for the Corpus Christi Caller-Times.

James M. Peak (B.A. '58) has been selected to direct a major expansion and renovation Capital Campaign for the El Paso Lighthouse for the Blind.

John C. Ross Jr. (B.B.A. '56) was listed incorrectly in the Spring 1997 NOVA as living in McAllen, Texas. He is retired from the practice of law and currently resides in Allen, Texas.

60s▼

John P. Mobbs (B.B.A. '69) was honored as Outstanding Young Lawyer at a banquet hosted by the El Paso Bar Association.

Patricia L. Palafox (B.A. '66) graduated from Harvard Law School's Advanced Negotiation Workshop: Leadership in Multi-Party Negotiations.

Armando Ruiz (B.S.Ed. '66; M.Ed. '69) has been re-elected to the board of directors for the California Community College Trustees.

Pat Thompson (B.A. '65) is vice president of the Minneapolis-St. Paul public relations office of Fleishman-Hillard Inc.

Luis C. Villalobos (B.A. '68) was named executive director of the Ysleta Education Foundation. He has worked for the district since 1986.

70s▼

Ricardo Aguilar-Melantzon (B.A. '71; M.A. '72) received NMSU's 1997 Dennis W. Darnall Faculty Achievement Award.

Howard Cain (M.Ed. '72), an instruction systems specialist with the U.S. Army Medical Department Center and School at Fort Sam Houston, Texas, has been awarded the Medical Command Commander's Award for Public Service, due to his exceptional volunteerism.

Martha Casas (B.S.Ed. '78; M.A. '91) received her doctoral degree in education from the Harvard Graduate School of Education.

Gonzolo Cedillos (B.S.C.E. '76) has been appointed city engineer for the city of El Paso.

Alonso Flores (B.B.A. '71) is the executive

director of the South El Paso Revitalization and Redevelopment Association.

Daveen Kay Jorgensen (B.A. '70; M.Ed. '87) is a finalist from the Clint Independent School District for the 1997 Region 19 Teacher of the Year Award.

David LeBrec (B.A. '71) has been elected to the board of directors of the Defense Research Institute.

Debra Little (B.S.Ed. '73; B.S.C.E. '82) was named principal engineer at the International Boundary & Water Commission. She is the first female to hold this position in this federal agency.

Hilda Martinez (B.A. '76; M.Ed. '80) is a finalist from the Ysleta Independent School District for the 1997 Region 19 Teacher of the Year Award.

Gilberto Monarez (B.B.A. '76; M.Ed. '87) completed the Standard Space Discovery graduate courses conducted by the U.S. Space Foundation, which is designed to prepare educators to use aerospace teaching concepts to motivate students and improve learning.

Gaylord Reaves (B.S.C.E. '71) received the Small Business Award from the Greater San Antonio Chamber of Commerce for his business success, community volunteerism and chamber activism.

James Riley III (B.S. '78) has joined the law firm of Hutcheson & Grundy L.L.P. as a partner in the Houston office. He is head of the firm's new Intellectual Property and Technology Practice Group.

Judge Guadalupe Rivera (B.B.A. '71) of the 168th District Court was honored as Outstanding Jurist by the El Paso Bar Association.

Rosalia Solorzano (B.A. '77; M.A. '79) was awarded the annual La Mujer Obrera Award, which honors the unsung heroines in El Paso.

Brooke Stenicka (B.B.A. '78) was named vice-president for Rogers & Belding, specializing in commercial lines property and casualty insurance.

Dan Viola (M.Ed. '78) is the first director of athletics at Texas A&M University-Corpus Christi.

80s▼

Marco Barros (B.A. '80) was appointed by the San Antonio City Council to serve on the San Antonio Convention and Visitors Bureau Advisory Board and the Convention Center Expansion Commission Advisory Board.

David J. Carrillo (B.A. '86) has completed a monthlong U.S.-Jordan military exercise while aboard the amphibious transport dock ship U.S.S. Ogden, which is currently on a six-month deployment in the Western Pacific Ocean.

Julie Castaneda (B.S.N. '83) was awarded a scholarship to attend an oncology training program at the University of Texas M.D. Anderson Cancer Center in Houston.

Rabab Fares (B.B.A. '85) was appointed to the El Paso Civil Service Commission by Northwest City Rep. Jan Sumrall.

Rose Hartnett (B.B. '88) graduated cum laude with a master of public administration degree

from California State University at Long Beach.

Nanette Hasette (B.S. '84) was elected judge of the 28th District Court in Corpus Christi, Texas.

Vicki Icard (B.A. '84) was named the new director of communications for the Socorro Independent School District.

Brandon Johnson (B.B.A. '88) reported for duty with the Marine All-Weather Fighter Attack Squadron 121, 3rd Marine Aircraft Wing, Naval Air Station Miramar in San Diego.

Shelley Norris (B.B.A. '80) has been elected secretary of the Sunrise Rotary Club of El Paso.

Dolores Rodriguez-Reimann (B.A. '85) completed her Ph.D. in clinical psychology with an emphasis in health psychology at the California School of Professional Psychology in San Diego. She is a post-doctoral fellow at San Diego State University's Center for Behavioral Epidemiology & Community Health.

Joachim Reimann (B.A. '73; M.Ed. '85) completed his Ph.D. in clinical psychology with emphasis in organizational psychology at the California School of Professional Psychology in San Diego. He is a research associate at San Diego State University's Center for Behavioral Epidemiology & Community Health.

Cindy Lou Shaw (B.A. '80; M.Ed. '87) is a finalist from the Socorro Independent School District for the 1997 Region 19 Teacher of the Year Award.

Sylvia Sitters (B.A. '83) has been promoted from marketing manager to director of marketing and new media for the San Antonio Express News.

Jose Soto III (B.S.Ed. '87) is a finalist from the San Elizario School District for the 1997 Region 19 Teacher of the Year Award.

Louise Wolpert (B.A. '83) earned a master's degree in library science from Indiana University and has worked for the Toledo-Lucas County Public Library since 1990.

Irma Zepeda (B.S.Ed. '82) is a finalist from the Clint Independent School District for the 1997 Region 19 Teacher of the Year Award.

90s▼

Milner Carballo (B.B.A. '93) of Goodman Financial Group has qualified for membership in the Million Dollar Round Table.

David Currey (B.B.A. '93) is a new board member of the Sunrise Rotary Club of El Paso.

Linda East (M.A. '96) was appointed assistant vice president for communications and public affairs at Columbia West-Texas Division Inc.

Benjamin Hansel (B.A. '92) was selected agent of the month in April for Goodman Financial Group. He also is the co-chair of the Alumni Association for Sigma Alpha Epsilon in El Paso.

Michael Hicks (B.S. '95) has reported for duty as a Marine 2nd Lieutenant at the headquarters of the Marine Air Control Squadron 1, at Camp Pendleton, Calif.

Gilbert Lara (B.B.A. '94) has completed a monthlong U.S.-Jordan military exercise while

aboard the amphibious transport dock ship U.S.S. Ogden, which is currently on a six-month deployment in the Western Pacific Ocean.

Elda Macias (B.A. '97) is coordinator of ticket sales for the UTEP Athletic Department.

Elizabeth Martinez (B.A. '92) was elected 1996-97 Texas Teacher of the Year at Socorro High School.

David Parker (B.S.E.E. '96) received his commission as a naval officer after completing Officer Candidate School in Pensacola, Fla.

Edward J. Robledo (B.S.M.E. '95) has graduated from the submarine officer basic course.

OBITUARIES

Megaera Morrison Nestor (NG) Sept. 24, 1996. Nestor is survived by her father and stepmother, Max and Pearl; mother and stepfather, Marian and Benjamin; and sister, Monica.

James Townsend (NG) March 2, 1997. Townsend, a resident of El Paso for 24 years, was a bookstore manager. He is survived by his parents, Betty and Joseph; sister, Pamela; brother, Mark; sister-in-law, Gloria; grandmother, Florine; and maternal grandparents, Mr. and Mrs. Edward Vasser.

Clyde Anderson (B.B.A. '52) April 12, 1997. Anderson was a lifelong resident of El Paso. He was co-owner of Anderson Food Stores and had spent 40 years working with local business, investments and real estate. He served in the U.S. Army as a Personnel Sergeant and was an El Paso County Commissioner and El Paso County Tax Assessor. He was a member of the Texas Society Sons of the American Revolution, president of West Texas Judges and Commissioners Association, president of West Texas Council of Governments, the UTEP Alumni Association and many other civic and community organizations. Anderson is survived by his sons, Clyde and Richard; granddaughters, Candace and Allison; grandson, Daniel; sister, Peggy; and brother, Harry.

Sara Gutierrez (B.S.Ed. '61) May 2, 1997. Gutierrez retired as a teacher from the El Paso Independent School District after 35 years of teaching first and second grades and bilingual education classes. She was honored as Teacher of the Year in 1964 and was a member of the Avon President's Club for outstanding sales achievement. Gutierrez is preceded in death by her father and mother, Felipe and Petra. She is survived by her husband, Robert Sr.; sons, Robert Jr. and Jaime; daughters, Candus, Sarita and Sandy; granddaughters, Felicia, Lauren and Andres; sisters, Isela, Mary Lou, Estela, Laura and Angela; and brothers, Frank, Jose, Sergio, Richard, David, Fred and Gilbert.

Bradford Berg (B.B.A. '74) May 4, 1997. Berg was a resident of El Paso since 1970 and was vice president and shareholder of Rogers & Fitzhugh & Company, P.C. He served in the U. S. Army and was a Vietnam veteran. He is survived by his wife, Viola; son, Christopher; parents, Sixten and Veronica; brother, Richard; stepbrother, Roy; and stepsister, Sherrie.

Max Viescas (B.B.A. '56) May 15, 1997.

Viescas was a lifelong resident of El Paso and a retired insurance agent for American National Life. He served in the U.S. Army during WWII. Viescas is survived by his wife, Edna; son, Max; grandchildren, Gina, Elsa, Max Jr., Laura, Shaun and Erin; and eight great-grandchildren.

Jolie Soukup (B.A. '60) May 18, 1997.

Soukup was a resident of New Mexico and a teacher in La Union and Cloudcroft. She was a member of a pioneer New Mexico farm and ranch family. She is survived by her husband, Don; son, Oliver; daughters Kari and Molly and their families; mother; two brothers; and one sister.

Gregorio Arredondo Jr. (B.A. '58; M.Ed. '67) May 25, 1997. Arredondo was a lifelong resident of El Paso and a teacher for the El Paso Independent School District for more than 25 years. He is survived by his wife, Facunda; sons, Frank, George, Gregory and Ralph; mother, Mary Helen; brothers, Luis and Rodolfo; sister, Helen; and six grandchildren.

Owen Ellington (B.A. '49) May 27, 1997. Ellington was a resident of El Paso for 62 years and had practiced law since 1960. He worked as assistant district attorney and assistant county attorney. He was a member of the El Paso American Bar Association and the Navy League. He is survived by his wife, Martha; son, Owen Jr.; daughters, Debby, Janice and Peggy; and grandchildren, Summer, Susan, Jocelyn and Chandler.

Dorothy Hale (B.A. '53) May 28, 1997. Hale was a lifelong resident of El Paso and a teacher in the El Paso Public Schools. She also was a piano teacher until 1995. She was a graduate of El Paso High School. Hale was preceded in death by her former husband, Les; parents, Mr. and Mrs. James Chester; sister, Doris; and brother, Gerald. She is survived by her son and daughter-in-law, Dr. & Mrs. Leslie Hale; and grandchildren, Trevor, Brenda and Brian.

Glenn Ratcliffe (B.S.Ed. '76) June 7, 1997. Ratcliffe was a U.S. Air Force veteran and longtime El Paso resident. He is survived by his wife, Anna B.; son, Glenn; and daughter, Anna Christian.

Lloyd Johnson (B.A. '39) June 17, 1997. Johnson worked for Cerro de Pasco Copper Corporation and the Vanadium Corporation of America as plant superintendent in Peru and later worked as superintendent of the cement plant and quarry for Lone Star Cement Company in Rio de Janeiro, Brazil. He was a life member of the Roof of the World Masonic Lodge in Peru, Rotary Club of Brazil, member of the El Maida Shrine, Ysleta Masonic Lodge and many other civic and community organizations. Johnson was preceded in death by his daughter, Karen and son, Lloyd. He is survived by his wife of 56 years, Luetta; daughter, Suzanne; foster son, Duane; and grandchildren, Stephen and Jack.

Kimberly Quattlebaum (B.S.M.E. '89) June 21, 1997. Quattlebaum, a native of El Paso, had lived in Houston for the past eight years.

She was a senior facilities engineer with ENERCON Company and a member of the Society of Women Engineers and American Association of Mechanical Engineers. She is survived by her companion, Miguel Rodriguez; daughters, Bernadette and Frances; parents, Duane and Bertha; and sister, Koleen.

Allen Hughey (B.A. '34) June 28, 1997.

Hughey, a resident of El Paso, was employed by Standard Oil for 31 years. He was preceded in death by his daughter, Marjorie H. He is survived by his wife, Marjorie M.; daughters Elizabeth and Virginia; and grandsons, Ron and Harrison.

Gerald Walsh (B.B.A. '60) June 28, 1997. Walsh was a resident of El Paso and a retired auditor for the Texas Employment Commission. He served on the supervisory board for the Ft. Bliss Air Defense Credit Union and was a veteran of WWII and Korea. Walsh is survived by his wife, Patricia; sons, Gerard, Kenneth, George, Stephen and Donald; grandchildren, Jefferey, David, Lisa, Eric, Kristina and Matthew; and sister, Marilyn.

Lucille Dickerson (B.A. '43; M.A. '53) June 30, 1997. Dickerson was a lifelong resident of El Paso and a retired teacher. She was awarded the Freedom Foundation award at Valley Forge for outstanding patriotism in teaching young children, and in 1963 and 1964, she was selected as top teacher for the El Paso Public Schools. Dickerson was preceded in death by her husband, Jack.

J. Michael Miller (B.B.A. '72) July 2, 1997. Miller was a lifelong resident of El Paso and former contractor. He is survived by his daughter, Jessica; parents, Richard and Deane; and sister, Marcia.

L. O. Page (B.A. '37) July 5, 1997. Page was a decorated WWII veteran and successful El Paso businessman. He was a former UTEP football and basketball player and was voted as one of the top UTEP players in the 1930s. He is survived by his wife, Marion; sister, Lorraine; and brother, Eugene.

Cecelia Hockett (B.A. '50; M.A. '52) July 8, 1997. Hockett was a resident of El Paso since 1941 and was a homebound teacher for the EPISD. She was a member of the ALTRUSA Club, Y-Knots, AAUW and OES. Hockett was preceded in death by her husband, Kenneth. She is survived by her daughter, Patricia; son, Loren; grandchildren, Cathy, Terry, Janet, Kip, Karin, Barry and April; five great-grandchildren; sisters, Alice and La Del; and brother, Kenneth.

Doris Martinez (NG) July 8, 1997. Martinez was a resident of El Paso for more than 40 years. She campaigned for civil rights and worked as the reference librarian at the Ft. Bliss Center Library. She was preceded in death by her parents, Dr. and Mrs. Joseph Martinez; and sisters, Beverly and Marjory. She is survived by her brothers, Paul and Joe.

Victor Andrulonis (B.A. '59) July 9, 1997. Andrulonis, a resident of El Paso for the past 42 years, was an accountant and WWII Army veteran. He is survived by his wife, Elizabeth; son, David; sister, Betty; three grandchildren; and one great-grandchild.



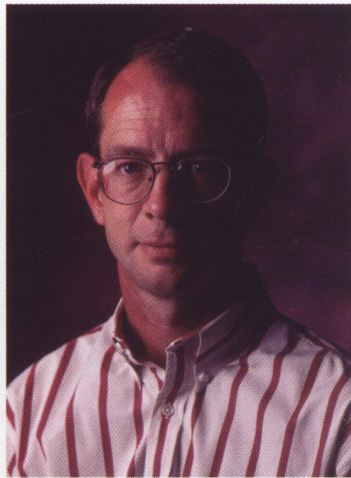
FACULTY PROFILE

When teaching in an auditorium filled with undergraduates, a professor might anticipate a fair share of yawns and blank stares offset by an occasional nod of understanding. Yet, for nearly 20 years Robert Webking, professor and chair of UTEP's political science department, has managed to generate unparalleled enthusiasm for the study of politics through his outstanding instruction, guidance and commitment to education.

Webking's love for the material he teaches and concern for his students has led to the development of many innovative teaching methods. Through the use of multimedia-enhanced lectures, he captivates the attention of students who, all too frequently, feel that politics is not interesting or has no relevance in their lives. Concepts and arguments become more clear and memorable, as he merges class lectures with computer-generated graphics, video and text projected onto a large screen.

To foster greater understanding and student success, Webking has created interactive computer applications that allow students to prepare for exams or catch up on a missed day of class. As one former student explained, "Dr. Webking proves that teaching is a career that requires not only research and presentation but a deeper desire to ensure that every student fully comprehends the class material."

With the assistance of Cesar Torres, a microbiology graduate and employee of UTEP's Multimedia Teaching and Learning Center, Webking recently developed yet another innovation — a CD-ROM multimedia textbook. This interactive electronic text provides required reading materials, study guides, self-quizzes and extensive background material that engage students in an active learning process



ROBERT WEBKING A PIONEER IN MULTIMEDIA-ENHANCED LEARNING

by Marianne Johnson

that reinforces the concepts he presents in class.

While the implementation of distance learning and multimedia technology may seem to some to herald the end of universities as we know them today, Webking believes that universities remain crucial in organizing the vast bodies of available knowledge. He views the use of multimedia technology as a way to enhance the role of traditional institutions.

"Technology is not going to make an unclear lecture clear," he said. "The core of teaching is understanding and insight — and a desire to share that with students. Multimedia enables us to share that understanding and insight much more effectively and much more powerfully than ever before."

Webking remembers very clearly the first lecture he gave at Magoffin Auditorium using multimedia teaching tools. He explained the distinction between political power and authority

with the use of graphics, video, text and sound.

"I remember walking out that day thinking 'I have never explained that concept so well.' I was absolutely hooked after that," he said.

Webking notes that grade averages and class interest have gone up with the introduction of each new technological innovation. With the opening of the new Undergraduate Learning Center, which features multimedia-enhanced classroom capabilities, he plans to use the facility's powerful computers to upgrade his lectures and present them in a more sophisticated way.

Webking attributes much of his own interest in political philosophy to several excellent professors at the University of Dallas where he received his bachelor's degree in Political Science. Webking went on to receive his master's and doctorate degree in government at the University of Virginia before coming to UTEP in 1978.

Since then, he has developed a stellar reputation as a dedicated and motivating instructor. Webking received UTEP's Distinguished Achievement Award for Excellence in Teaching in 1985 and was named the Student Association's Professor of the Year in 1983, 1984 and 1985. Last year, he was awarded one of the university's most prestigious teaching honors, the Chancellor's Council Award for Teaching Excellence.

With a heavy teaching load and the responsibilities of department chair and undergraduate advisor on his shoulders, one may wonder what motivates Webking to go to such lengths to ensure student success.

"When you see students succeed at understanding a difficult concept, it's exciting," he said. "That's what it's about — that's why I do it."



UTEP Students Enter a New

by Christian Clarke

Today . . .

- . . . a business student visits China's mainland markets without a translator or a guide.*

- . . . a chemistry professor explores the inside of an atom in a classroom with no chalk.*

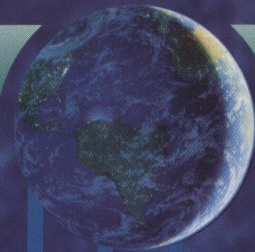
- . . . a faculty member responds to the thoughtful question from a shy student who did not utter a word or raise a hand to attract the attention of the professor.*

- . . . UTEP welcomes the classroom of the future — a dynamic meeting place where history comes alive and science challenges the senses in a setting that provides all university students equal access to the wonders of the world.*



With the opening of the new Undergraduate Learning Center, UTEP introduces its students and the El Paso community to the exciting and expanding educational opportunities available through advanced technology. Although UTEP professors already use technological teaching tools in their classrooms, the 125,000-square-foot multimedia teaching and learning facility offers additional avenues for students to embark on their lifelong pursuit of knowledge.

frontier



The Undergraduate Learning Center, located on the former site of the Women's Gym, swimming pool and tennis courts near the Centennial Museum, brings together the best of the past and the future in a "delightful dissonance" that is unprecedented in the region.

Alvidrez Associates Architects of El Paso, the firm that designed the structure, remained faithful to the university's distinctive Bhutanese architecture. Underneath this ancient and traditional exterior, lies a high-tech world where students and faculty members gather

to exchange ideas.

The building's towerlike features at varying heights offer a unique skyline known as a "village concept." A large open courtyard is part of an outdoor mall that greets visitors at the building's north entrance. Once inside, traffic easily moves through the airy grand hall of the first floor to the four largest classrooms in the building.

Mike Kolitsky, associate vice president for instructional technology, describes the facility's largest classroom, which accommodates 567 students, as having

a built-in intimacy that allows students to "see the whites of their professors' eyes."

Many of the classrooms in the new facility are equipped with an electronic podium that places a variety of digitized resources at a faculty member's fingertips. With the touch of a button, a professor is able to project large-screen video images of cells splitting or fill the auditorium with the sounds of memorable speeches by U.S. presidents.

Kolitsky oversees the Multimedia Teaching and Learning Center, which



works with faculty members from a variety of disciplines to teach them how to creatively and effectively incorporate technology into their classroom presentations. More than 20 faculty members are scheduled to teach courses, from English and history to biology and physics, in the six largest classrooms of the facility.

Kolitsky, who also is a professor of biology, uses tools such as the Internet to create a World Wide Web site for his class. Since the explosion of the Web, Kolitsky has tailored sites with information of interest to his students, who can access the site from a variety of

places on- and off-campus.

"We are in the golden age of information," Kolitsky said. "We have become *informavours* whose nourishment is information. With the visual-oriented technology of the Web, UTEP is able to encourage students and faculty to explore areas they otherwise might not be able to easily study."

The new center houses technological resources that offer students a series of exciting opportunities to enhance their learning environment, including "logging on" to the university network from a computer at home or participating in lively classroom

discussions with students hundreds of miles away.

"The Undergraduate Learning Center is not just a building, it is a state-of-mind," said Phillip McCarty, a senior staff associate in the technology, planning and distance learning department. "The center is strategically designed to provide a central area for students and faculty members to complete their assignments and develop coursework. The University Library was born out of a similar concept — why have several different libraries throughout campus when you can provide one central location?"

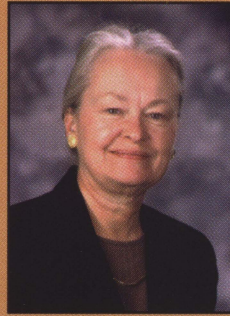
Henry Ingle, associate vice president



UTEP Connects Students to the World

Two years ago, UTEP began preparing for the next century with the construction of the Undergraduate Learning Center. This beautiful building will connect our students to the world with the latest multimedia technology.

The 125,000-square-foot center, designed in UTEP's traditional Bhutanese architectural style, houses state-of-the-art instructional technology that



the success of our students. Many UTEP graduates already complete their degrees with extensive hands-on research, which distinguishes them in the marketplace. Now, our students will learn in an educational environment that places the world at their fingertips and prepares them for the technological innovations of the future.

This splendid new center, with a pedestrian mall and an amphitheater, will become a new focal

This splendid new center, with a pedestrian mall and an amphitheater, will become a new focal point on campus and a source of great pride for the entire El Paso community.

creates a Cyber meeting place for the expansion of knowledge and exchange of ideas. This blend of the traditional and the new is symbolic of UTEP's success in building on the solid foundation of its past to create a bright future for our students.

With the opening of the Undergraduate Learning Center, UTEP is on the frontier of a whole new way of learning that uses the latest technological tools to enhance

point on campus and a source of great pride for the entire El Paso community. It is a tangible symbol of UTEP's commitment to providing advanced learning strategies that will revolutionize education in the region.

Diana Natalicio

President

The University of Texas at El Paso

for technology, planning and distance learning, said the center is the anchor of an area that may become the university's "technology corridor."

"In the past, there have been little islands of innovation throughout campus," he said.

"Creating a common technology-oriented staff in academic affairs is not only cost-efficient, but it also allows us to produce a universitywide vision for technology and



instruction. This vision will encourage new forms of instruction to ensure the academic success of UTEP's students."

By supplementing traditional classroom experiences with the innovative technology of the Information Age, UTEP professors are able to enhance their academically challenging courses with unique learning experiences, which include the exchange of information via distance learning.

"Technology enriches the way faculty members bring resources into their classrooms," Ingle said. "Distance learning represents an 'electronic flying carpet' that allows the university to present national and international speakers, noted authors and business leaders on campus."

By "beaming in" courses from other universities across the nation, distance learning also allows UTEP to offer classes in subject areas not available at the university. In turn, UTEP is able to package its own courses for other institutions.

This fall, more than 180 sections of classes in a variety of disciplines will be taught in the center. As many as 5,000 students may hurry through the facility as they rush to their classes; and at any given time, the classrooms may be occupied by up to 2,400 students.

James Holcomb, associate dean for

academic programs for UTEP's College of Business Administration, will teach a basic issues in economics course in the facility.

"Although large classes are common at some universities, UTEP limits the number of larger classes because there has always been the perception that large classes mean poor instruction and learning," Holcomb said. "However, recent research supports the idea that with different teaching techniques — and with the help of technology — large classes can be taught effectively."

In the new building, Holcomb will challenge his students' perceptions about the "conventional classroom." With direct access to the Internet and computer images allowing students to visualize the subject matter, Holcomb will be able to manipulate his lectures to optimize student interest in a classroom designed to promote student-faculty interaction.

The multimedia capabilities in the new

center allow faculty members to clarify complicated concepts by using visual images. By engaging more of the senses in the learning process, faculty members should be able to enrich the students' classroom experiences, Holcomb said.

Beginning this fall, English freshman composition students will incorporate more of their senses into their classes by using their computer skills in lieu of pen and paper. Twenty composition sections will be taught in the Undergraduate Learning Center, where students will have access to a computer for word processing, sending e-mail, and conducting research on the Internet.

"With this computer technology, students will be able to revise their papers more frequently and thoroughly. They also will interact with their classmates by reviewing each other's papers via e-mail," Katherine Mangelsdorf, freshman composition director, said. "By using the Internet and World Wide Web, the students will have



access to the most up-to-date information for their research papers."

To prepare them for the challenge of the new course structure, instructors of these composition courses were provided computer training at the Liberal Arts Center for Instructional Technology. Throughout the academic year, other mentors will help the instructors adjust to teaching in this new environment.

Some faculty members also call upon the support of students, who are well-acquainted with the applications of multimedia. These students play a key role in developing the technology faculty members use to enhance the learning process of their students.

The Multimedia Teaching and Learning Center on the third floor of the new building offers an instructional

room, where students tutor faculty members about the effective manners in which multimedia may be incorporated into classroom presentations.

For more than two years, Michael Cabral and Robert Acosta have worked



with their mentor Robert Webking, chair of the political science department. The pair have done everything from shooting video footage of Interstate-10 and downloading images off of the Internet to developing user-friendly classroom presentations with Director 6, a multimedia authoring program.

"Multimedia brings students closer to the professor and the material they are studying. By using sound and pictures, professors can reinforce a point made during a lecture or highlight a portion of an assigned text," Cabral, a graduate political science student, said. "The Internet also is a great resource that allows a faculty member to integrate audio items such as recordings of U.S. Supreme Court decisions into classes at the click of a button."

The largest classroom in the building will feature individual touch pads at the students' seats. During class, faculty members will be able to ask multiple-choice questions that the students respond to via the touch pads.

"Feedback will be pretty immediate," said Webking, a popular and well-respected faculty member who has introduced many technological innovations into his classes. "If the correct response is low, then I will know that I need to re-explain the concept. When the technology is used in this manner, a class of 500 may be more interactive than a traditional class of 30."



UTEP is among a small group of universities that have successfully achieved a high-level of interaction between faculty members and students through technology, Acosta, a senior political science student, said.

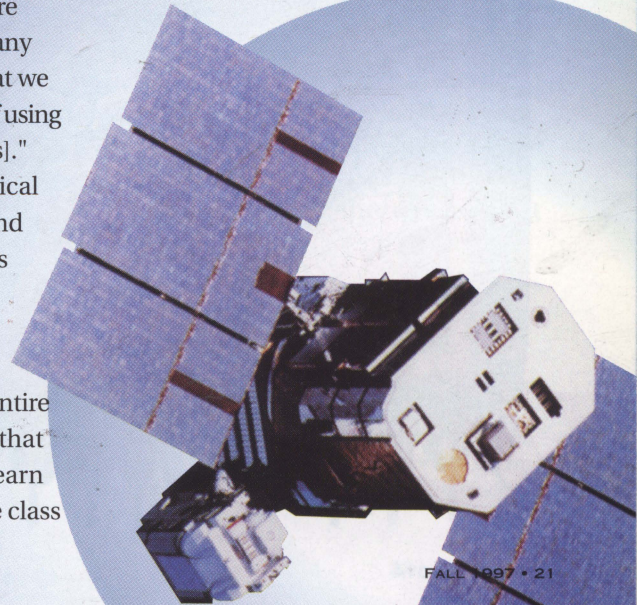
"UTEP is on the cutting-edge of this technology," he said. "Since we started attending conferences throughout the country, we have learned that we are ahead of the game. There are so many universities that are amazed at what we have been able to achieve in terms of using technology [to benefit our students]."

Alex Vidales, a sophomore political science student, has seen Cabral and Acosta's work realized in Webking's introduction to political science class.

"Dr. Webking is able to hold the students' interest throughout the entire class," Vidales said. "It is obvious that he really cares that the students learn the subject matter. He outlines the class so well and ties all of the material

together. That takes a great deal of preparation."

For more than two years, UTEP has prepared to usher in a new era of student learning that uses multimedia to help reveal the fundamental building blocks that are key to student understanding. The technology housed in the Undergraduate Learning Center also is flexible to expand to meet the technological needs of the future. With the opening of this beautiful new facility, UTEP builds upon its reputation as a leader in higher education by incorporating the technological tools of today to prepare well-rounded students able to compete in the global market of today and tomorrow. ■



Buddhist Emblems

of Sacred and Secular Power

by Michael Aris

The Symbolism of a Tapestry from Bhutan in the Collection of the University of Texas at El Paso



The University of Texas at El Paso commissioned a remarkable tapestry of great distinction from the Himalayan Kingdom of Bhutan. This beautiful tapestry adorns a wall in the new Undergraduate Learning Center, which conforms with the uniquely Bhutanese architectural style of the university campus.

Hangings of this size in Bhutan, made by a combination of techniques of appliqué work and embroidery, are termed *thongdröl*, literally "objects which convey deliverance on sight," or *göku*, "cloth images." During Buddhist festivals these gigantic tapestries are hung from state fortress monasteries (*dzong*) to confer blessings on the assembled faithful.

The UTEP tapestry is unusual. Instead of choosing a major Buddhist divinity for its main subject, craftsmen selected a composite medley of Buddhist symbols that have currency not only in Bhutan, but also in Tibet and Mongolia. While the origins of these symbols can be traced to India, China and Tibet, the overall conception is wholly Bhutanese.

The form and content of the tapestry owe more to the structure of traditional throne covers, seat covers, and saddle cloths than to the enormous hangings unfurled during festivals. The preponderance of yellow superimposed on red and the large triangular "cloud tendrils" at each of the four corners are reminiscent of court furnishings, traditionally reserved for the ruling elite in Bhutan.

The tapestry provides exceptional testimony both to the strength and continuity of Bhutanese art forms and to the capacity of traditional artists to adapt according to changing circumstances and demand. To have selected a major Buddhist deity or saint as the principle focus of the piece would have been inappropriate for the university. Instead, symbols were chosen for their universal and more secular appeal. A powerful spiritual dimension is still present, conveyed symbolically through emblems.

While the standard numerical sets into which each of the symbols can be placed are easily recognizable, their indi-



vidual interpretation varies considerably. There are rich and multiple allusions and various levels of possible meaning.

The tapestry is a celebration of the traditional Buddhist conceptualization of sacred and secular authority, the power of enduring spiritual qualities and the tokens of worldly good fortune and prosperity. Both realms reinforce each other, the whole integrated into a balanced harmony. More than mere decoration, the tapestry represents the ideal norms toward which humanity must strive.

Within a circle at the center of the tapestry lies a sacred book wrapped in white cloth and bound with yellow tape between wooden boards. Upon it stands a garlanded and flaming blue sword which cuts the bonds of ignorance. These are specific emblems of Manjusri, the Bodhisattva of Transcendental Wisdom who is regarded as the divinity of learning. It is fitting that he is enshrined through these symbols in a tapestry adorning the Undergraduate Learning Center.

In the original depiction of this complex of symbols, the flaming sword represents the Tibetan King Trisong Detsen. The lotus (*padma*) upon which the book rests is a deliberate allusion to the supreme tantric cult figure of Padmasambhava. They are regarded as key figures who established the earliest Buddhist monastery, Samye, in Tibet in the eighth century AD.

The lotus, forming the base of the sacred book, grows out of a blue lake behind the two mountains. The lake is intended to be a magical antidote to the danger of fire which plagued the Samye monastery.

This group of symbols is known as "The Geese, the Lake and the Sword." More formally it is called "The Design of the Attributes of Manjusri." It is also known as "The Perfect Striving [toward the observation] of Vows."

The lake-and-lotus theme is echoed on a larger scale at the foot of the tapestry, where three flaming jewels rest on an elaborate lotus base emerging from a blue lake. These jewels stand for the Triple Gem: (1) the Lord Buddha, (2) the *Dharma* (his teachings), and (3) the *Sangha* (the community of Buddhist

monks). The Triple Gem is the primary symbol of the Buddhist faith.

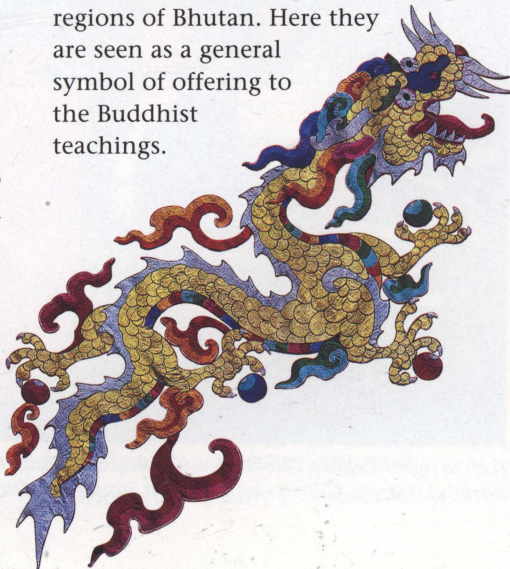
Directly above the central circle stands the Parasol, symbol of the spiritual authority of the Buddhist doctrine.

Within the rim of the central circle are found the best-known and most popular of numerical sets, the Eight Symbols of Good Fortune: (1) the Parasol (having the same significance as above), (2) the Victory Banner (representing the triumph of enlightenment), (3) the Wheel (the Buddhist doctrine), (4) the Glorious Knot (the interdependent nature of all phenomena), (5) the Lotus (purity and divine origination), (6) the Vase (the fulfillment of spiritual and material aspirations), (7) the Conch (the fame of the Buddhist doctrine), and (8) the Golden Fishes (the eye of discrimination).

Four phoenixes surround the central circle — a standard Chinese motif that conveys the power of constant renewal associated with this legendary bird.

At the top to the left and right of the parasol are a pair of dragons holding jewels in their claws, again of Chinese design. They are the guardians of wealth, but they also serve to protect the Buddhist teachings. They also are an allusion to the role of the dragon as the national symbol of Bhutan. The local name, *Drukylul*, (Land of the Thunder Dragon) is derived from the name of the Buddhist school that first united the country.

The spaces to the lower left and right beneath the central circle are filled with flowers. They represent the rhododendrons that grow in the alpine regions of Bhutan. Here they are seen as a general symbol of offering to the Buddhist teachings.



Within the square of the outer perimeter are depicted three further sets of Buddhist symbols that have been intermixed to form a continuous sequence of 22 items. These are:

The Seven Jewels of Royal Power

(1) the Precious Wheel, (2) the Precious Jewel, (3) the Precious Queen, (4) the Precious Minister, (5) the Precious Elephant, (6) the Precious Horse, and (7) the Precious General. These "jewels" form the entourage and possessions of a "universal monarch," a figure with whom the Lord Buddha is often closely associated.

The Eight Objects of Good Fortune

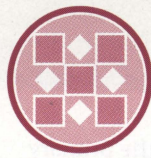
(1) the Mirror, (2) the Ghiwang Medicine, (3) the Yoghurt, (4) the *Durva* Grass, (5) the *Bilva* Fruit, (6) the Right-turning Conch Shell, (7) the Cinnabar, and (8) the Mustard Seed. While most of these substances are valued for their medicinal properties, all are believed to symbolize various enlightened states of consciousness.

The Seven Gems

(1) the Rhinoceros Horn, (2) the Elephant Tusks, (3) the King's Earrings, (4) the Queen's Earrings, (5) the Crossed Gems, (6) the Three-eyed Gem, and (7) the Eight-branched Coral. This appears to be the only numerical set of symbols not found in any canonical text. Their adoption may have been inspired by motifs found in Chinese art objects and textiles.

Finally, the two gold designs known as *tranka* which repeat on the dark blue outer border are derived from Chinese monograms printed on imported silk brocade. They are secular symbols of general good fortune and prosperity. However, they also represent the wealth of the Buddhist doctrine.

Editor's Note: Michael Aris, Senior Research Fellow in Tibetan and Himalayan studies in St. Antony's College at Oxford University, is an authority on the history and culture of Bhutan, where he served as a tutor to the Bhutanese royal family.



UTEP STUDENTS "IMAGINEER" UNPRECEDENTED VICTORIES



(Left to right) Guillermo Casas-Dominguez, Melina Marques de Lima and Jason Chiu.

Two UTEP student teams captured first place honors in the 1997 Disney ImagiNations University Design Competition. This is the first time two teams from one university have tied for first place.

Both of UTEP's winning projects — entitled "Animal Evolution" and



(Left to right) Victor Cornejo, Francisco Ortega and Sergio Zuniga.

"Pinball" respectively — drew upon the student's collective wealth of artistic vision and technical know-how.

Pinball provides the thrill-seeking theme-park guest with a view of a pinball machine from the perspective of the pinball. Animal Evolution features a world of time-travel that begins during

the prehistoric age of the dinosaur.

The members of the Pinball Machine design team are Chia-Hsian (Jason) Chiu, graphic design; Guillermo A. Casas-Dominguez, computer science; and Melina Marques de Lima, graphic design. The members of the Animal Evolution design team are Francisco Ortega, graphic design; Sergio Zuniga, finance and Victor Cornejo, marketing.

These students spent hundreds of hours creating their designs and building the mock-ups for the ImagiNations Competition. The national competition challenged them to create a feasible project for Walt Disney Imagineering, the team that creates all Disney resorts, theme parks and attractions, real estate developments, regional entertainment and cyberspace/new media projects.

UTEP AWARDS SCHOLARSHIPS TO EPCC TRANSFER STUDENTS

In an example of a growing partnership between UTEP and the El Paso Community College, UTEP awarded its first transfer scholarships to 10 academically qualified EPCC transfer students this summer.

Funded by Sunwest Bank (now NationsBank) and Magnolia Coca-Cola Bottling Co., the program offers scholarships in the amount of \$1,000 (\$500 per semester) to EPCC transfer students pursuing additional educational opportunities at UTEP.

"The close partnership between UTEP and the El Paso Community College is reflected in these scholarships, which provide talented EPCC students an opportunity to pursue their educational and career aspirations at the university," UTEP President Diana Natalicio said. "We are grateful to Coca-Cola and Sunwest for making these scholarships possible."

Most UTEP and EPCC students come from families of modest means, more than half receive some form of financial

aid, and an estimated 75 percent are employed either part or full time, not only to pay the cost of their education, but also to support their families.

The scholarships are an example of a concerted effort on the part of both UTEP

and EPCC administrators to ease students' transition between attending the community college and UTEP — assistance that will ensure students reach their educational goals.



(Left to right) Stephen Olomukoro, Graciela Simental, UTEP President Diana Natalicio, EPCC President Adriana Barrera, Gilbert Cedillo, Anita Stoudt and Daniel Flores.

DAUDISTEL DIRECTS UNIVERSITY'S LARGEST COLLEGE

Howard Daudistel, a specialist in the criminal justice process, criminology and minority student education, has been named dean of UTEP's College of Liberal Arts.

The professor of sociology, who joined the university's faculty in 1974, has researched faculty and minority student stress in higher education for the National Institute of Mental Health, and the social influences and impact of ethnicity on jury decision-making for the National Science Foundation.

Daudistel has been interim dean of liberal arts since June 1996, when Carl



Jackson returned to his teaching duties in the Department of History after leading the college for seven years.

He has served in a variety of administrative positions at UTEP, including assistant vice president for academic affairs, assistant to the president, chair of the Department of Sociology and Anthropology, interim chair of the

Department of Communication and chair of the Department of Criminal Justice and the Social Work Program. Last year, he was recognized by the College of Liberal Arts with an Outstanding Faculty Award.

"Daudistel brings a wide range of administrative and academic experience to his position as the dean of the College of Liberal Arts," said Stephen Riter, Provost and Vice President for Academic Affairs. "The university looks forward to continued progress in its liberal arts programs, which focus on excellence in teaching, research and service. UTEP is fortunate to have Daudistel assume the leadership of a college that is truly a resource to this community and the region."

Daudistel, who received his B.A., M.A. and Ph.D. in sociology from the University of California at Santa Barbara, will shape the future development of the College of Liberal Arts, which is the university's largest undergraduate college.

COMPUTER WHIZ-KID ENROLLS AT UTEP

Although most teenagers ditch classes in search of less-academic alternatives, 15-year-old Adam Lichtl is ditching high school in pursuit of a college education at the University of Texas at El Paso.

based company, Primary Productions, Adam spends time with his friends and the members of his church youth group.

Adam's unique qualifications for enrolling at UTEP have been

is ready for the challenge of university life. UTEP's warm welcome and emphasis on academics will help him succeed."

"Sometimes I am amazed by how much Adam is able to accomplish. Not only does he excel in academics, but he is really a great person. Although he is only 15 years old, Adam is ready for the challenge of university life"

— Mary Lichtl Bardouché

After excelling on a series of placement exams and scoring 1530 on the SAT, the recent graduate from St. Clement's middle school rollerbladed across the UTEP campus to secure a spot in the university's pre-engineering program.

Fun-loving and sociable, Adam balances his thirst for technical knowledge with social activities. In addition to working as a computer consultant for his uncle's California-

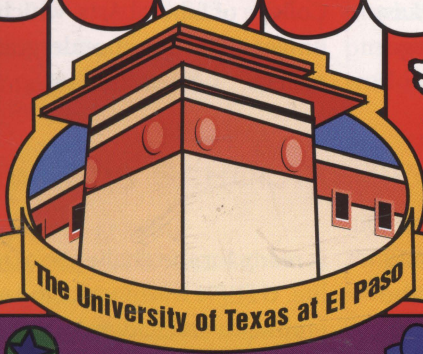
underscored by people who describe him as El Paso's own "Doogie Howser." And his mother, Mary Lichtl Bardouché, said he has always related to people older than he is and taken on challenges that would overwhelm the average person.

"Sometimes I am amazed by how much Adam is able to accomplish. Not only does he excel in academics, but he is really a great person," she said. "Although he is only 15 years old, Adam



OCT. 13 - 18, 1997

UTEP HOMECOMING UNDER THE BIG TOP



- 1 OPEN HOUSE AT THE ALUMNI LODGE**
October 13 - 18, 1997
Registration in the Alumni Lodge (Alumni Office) for all TCMM, TWC and UTEP Alumni. Refreshments will be served.
- 2 DISTINGUISHED ALUMNUS AWARD RECEPTION**
Friday, October 17, 1997
6:30 p.m.
UTEP Library
- 3 HOMECOMING FRIDAY NIGHT PARTY**
Friday, October 17, 1997
PARTY - 8:00 p.m./SPIRIT RALLY - 9:00 p.m.

- 4 GOLDEN GRAD LUNCHEON**
Saturday, October 18, 1997
12:00 noon
Golden Grads gather to welcome the Class of 1947 to their distinguished ranks. Hosted by Dr. Diana Natalicio.
- 5 ALUMNI ASSOCIATION PREGAME PARTY**
Saturday, October 18, 1997
4:30 p.m. - 6:00 p.m.
Join the Alumni Association for its 8th Annual Pregame Party.
- 6 HOMECOMING FOOTBALL GAME**
Saturday, October 18, 1997
UTEP vs. San Jose State
6:35 p.m.

FOR MORE INFORMATION CALL: 747-5533



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