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NOVA

Q U A R T E R L Y

THE UNIVERSITY OF TEXAS AT EL PASO



WINTER • 1995



FROM THE EDITOR

As 1995 winds down, we look forward to a new year and reflect on the past year at UTEP.

In her annual fall convocation speech, UTEP President Diana Natalico addresses last year's accomplishments, but also contemplates the "winds of change" that our society faces (see story on page 13). These changes are occurring at such a rapid pace that they are often difficult to keep up with. Change may be uncomfortable at times, but it offers opportunities for enormous growth.

In this and all issues of *Nova Quarterly*, it is our aim to inform the university community about exciting and important changes that occur at UTEP. Two very important developments that will bring profound changes to UTEP and this community happened this fall.

At a press conference Oct. 9, the university announced its designation as a "Model Institution for Excellence" by the National Science Foundation. This groundbreaking program resulted in a multi-million dollar award to the university. The award will fundamentally enhance the science, engineering and math education of UTEP and this region, and eventually strengthen all areas of education. UTEP will serve as a "model institution" for other urban universities, with the hope of rejuvenating curriculum for an emerging population of historically underrepresented students.

The university also will use the MIE award to implement and accelerate the use of active learning methods, such as cooperative learning, computer-assisted instruction and peer instruction, in all science, engineering and math courses. It is hoped that this redefinition of teaching methods will act as a catalyst for all faculty to embrace more effective teaching strategies.

The second development was the initial approval of a new doctorate of educational administration at UTEP. The university trains approximately 80 percent of El Paso's teachers and the new doctoral program is a natural progression for the College of Education. The program will greatly enhance the opportunities of educators in this region, which in turn will increase the quality of education offered to El Paso's young people.

If we, as a society, are to keep up with the technological advances the future brings, we must invest in education. If we are to keep pace with the rest of the world, both technologically and economically, we must give the next generation

the cutting-edge tools it needs to succeed. As our population grows more diverse, we must ensure that all students are provided access to excellent academic opportunities to acquire the skills necessary to survive in the fast paced, high-tech future they face.

The diligent and committed faculty and staff of the university who have brought about these advancements deserve our high praise and appreciation.



Speaking of hard work, the UTEP facilities services staff members deserve a tremendous thank you for all their efforts in stringing up more than 100,000 sparkling white lights for the annual Season of Lights display. Student organizations also have placed the traditional *luminarias* along University Avenue. Whether you live in El Paso or are visiting, tour this winter wonderland and catch the holiday spirit.

— Kathleen Rogers



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ON THE COVER

"Pricklyus Pearus Navidades Primerus"
is a new form of holiday cactus created
by Art Director John Downey. Photo by
David Flores. Dedicated to Wynn
Anderson, UTEP resident expert on
desert flora.

*Above right photo: UTEP holiday
ornament depicting Paydirt Pete as a
Nutcracker. Designed and constructed
by John Downey and Carlos Prado.
Photo by Franklin Muñoz.*



NOVA

Q U A R T E R L Y

FEATURES

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By Marilyn Haddrill

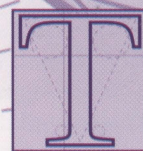
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A NEW MODEL FOR EDUCATION: A CLINICAL APPROACH TO TEACHING TEACHERS

By Marilyn Haddrill



hink "E.R." An ambulance, lights flashing, races up to the hospital. Highly trained profession-

als take over, rushing the injured to treatment. In the background are the medical students, assisting where they can — observing, learning.

Medical hospitals offer a teaching model that works, says UTEP College of Education Dean Arturo Pacheco. And his department has copied the teaching hospital concept in training students to become instructors.

The public schools where student teachers are placed are the field hospitals. The students themselves are interns. And instead of waiting until the final semester of their senior year to experience classroom environments as student teachers, education majors are assigned field work beginning their junior



Dr. Bernard Arenz teaches an education class at UTEP that is simultaneously broadcast to students at other locations in the region.

Arturo Pacheco,
Dean of the College
of Education



Left to Right: Myrna Castrejon, parent/educator at Ysleta Elementary School; Robert Cortez and Susan Reveles, student teachers, discuss teaching strategies.

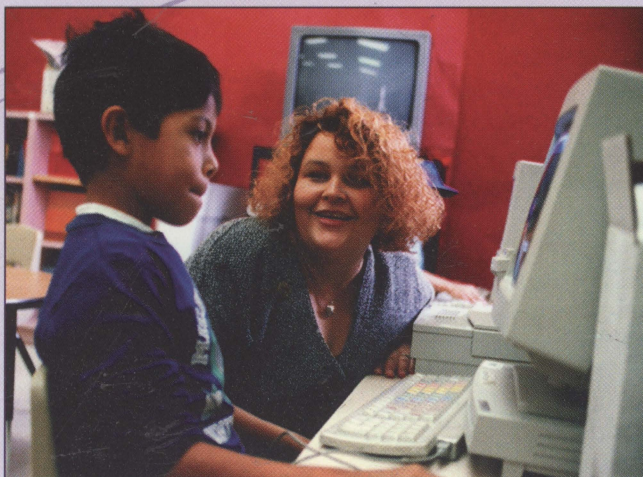
year. The College of Education began phasing in the new training program three years ago. At the end of this academic year, virtually all education majors will experience a heavy emphasis on field training.

"In some sense, the (public) schools become our teaching hospitals," Pacheco said. "It's a very different approach, but it makes a lot of sense. It's so obvious. If you're going to train teachers, you should make sure a good part of their training is with real kids in real schools, instead of just lecturing."

UTEP's College of Education began revising traditional methods of training teachers in 1992 after joining John Goodlad's National Network for Educational Renewal based at the University of Washington.

The network is made up of 25 universities at 16 major sites nationwide, where educational





Susan Reveles, a teacher at Ysleta Elementary School, helps one of her first-grade students with computer tasks.



Pat Conlon, student teacher at Mesita Elementary School.

reforms address improving methods of teacher training along with pushing for fundamental changes in the environments where teachers teach.

To ensure that future teachers are well-trained, UTEP elementary education students are prepared with a solid arts and sciences background and receive a bachelor's degree in interdisciplinary studies. Secondary education students prepare for a degree in the subject matter they will teach, such as science or English. Education students are jointly supervised by College of Education faculty and faculty from other disciplines.

The effort also enlists partnerships with 15 public schools from El Paso's three largest school districts (El Paso, Ysleta and Socorro Independent School Districts). These schools partici-

pate in UTEP's intern program and, through a \$3 million grant from the Texas Education Agency, computers and other high-tech assistance are provided to the partnership schools.

"We have to look at changing public schools and programs that prepare teachers at the same time," Pacheco said. "We can't prepare 21st century, innovative teachers and send them to old-fashioned schools, or prepare old-fashioned teachers and send them to innovative schools."

In April, a National Science Foundation grant was awarded to the Colleges of Education and Science to jointly begin revising courses to better prepare mathematics and science teachers. The grant also includes the participation of El Paso Community College, because many

students transfer from EPCC to UTEP to obtain education degrees.

"What this will do is really force us all to question how we teach in universities," Pacheco said. "Lectures may be an efficient way of teaching, but it's not necessarily an efficient way of learning."

Dr. Jorge Descamps, director of UTEP's Center for Professional Development and Technology, serves in several capacities as the school undergoes dramatic changes in its traditional approaches to training educators. As training methods change, he said, there is a crucial need to embrace technology in classrooms and in teaching classroom instructors.

As part of UTEP's upgrading of its technology emphasis, Descamps is assisting with a \$3.4 million, five-year federal telecommunications grant recently awarded to UTEP and the Socorro Independent School District.

The federal Challenge Grant for Technology in Education was awarded recently to only 19 sites nationwide, including El Paso. The program calls for setting up computer networks between 110 classrooms in 10 partner schools in the area. The grant also makes resources available for training 120 teachers to obtain university certification in the Texas Technology Endorsement or the

instructional specialist master's degree program with emphasis on educational technology and curriculum integration. The grant also provides a public center at each participating school to give parents access to technology assistance in learning English or other instructional support skills. The program also will provide business mentors for each participating school.

Descamps said business people will be asked to exchange e-mail with students interested in their mentor's line of work.

"When we talk about the school of the 21st century, electronic schools will not necessarily be contained by walls," Descamps said. "Teachers will become more like facilitators, coaches and mentors. It's a tremendous world that is going to open up. We must bring our future teachers a little closer to that, and it's up to our universities to bring state-of-the-art technology to the classrooms."

The new approaches to training teachers naturally include involvement from the El Paso Collaborative for Academic Excellence, which is working to bring academic change systemwide — from kindergarten to college level — throughout the region.

To achieve these goals, Pacheco says, partnerships with the community and parents also are important.

"One of the exciting things about all this work is trying to keep a vision out in front of you. That vision has to do with kids doing better in schools," Pacheco said. "Then, you figure out that all the pieces have to be aligned. Collaboration is really difficult, but it's really the way to go — where you have all the

partners working together, and informing each other."

When Robert Cortez was a student teacher at El Paso's Ysleta Elementary School, he was assigned to visit the home of a child enrolled in one of his classes. The child's mother, wearing an apron over her clothes, cheerfully greeted him at the door and put him to work helping make *tamales* in the kitchen.

"It was a wonderful, wonderful experience," Cortez recalled. "I learned how to make *tamales*, I had a good dinner and I talked to the parents. I established a relationship — a bond."

In turn, he said, the parents felt more comfortable about discussing their child's educational needs with Cortez. After serving an internship at Ysleta, Cortez was hired at the school full time this November. He is one of the first education majors to benefit from the UTEP College of Education's innovative, clinical approach to preparing students

for classroom teaching.

Myrna Castrejon, a parent educator at Ysleta, said home visits are essential both for student trainees and regular staff at Ysleta.

"Traditionally, contact between the teacher and the parent occurs when there has been a problem," Castrejon said. "But with the home visits, we develop a relationship so that, if problems do arise, we already have that trust and that partnership. What are the concerns parents have? What are their needs? What are their visions? It's not enough to say parents need to spend 20 minutes a day reading to a child. It's not enough to say come on into the school and pop some popcorn for us. We have to incorporate the very real strengths of the parents. We're getting the student teachers submerged into that kind of thinking, because it's very different."

Ysleta Elementary School Principal Dolores de Avila said



Irene Vasquez, student teacher at Ysleta Elementary School assists her fifth-grade students with an assignment.

that in the Hispanic community served by her school, “there is a lot of bonding in families.”

And that bonding — that sense of family — has been extended into the teaching concepts incorporated at Ysleta, which educators say is one of the most innovative public schools in the El Paso area.

The school uses a vertical team concept — meaning that teachers, representing all grade levels from kindergarten through the sixth grade, are divided into different groups that meet regularly to resolve problems and create new teaching strategies. Each group of teachers and their classes are assigned to their own portion of the school building, which enhances the sense that the teachers and their students are part of one unit, one “family.” As the students advance from grade to grade, they are taught by the same “family” of teachers who take a personal interest in each student’s progress.

Former UTEP student teacher Susan Reveles, who also was

hired full time at Ysleta in November, said her training experience at the school was invaluable because of her teacher mentors, and because of what she learned from the meetings of the different teams of teachers.

“They were constantly trying to improve not only student performances, but their teaching practices,” Reveles said. “They shared with each other. We benefited from our mentors’ specialties, and from everyone else’s. Our education and learning doesn’t stop once we leave UTEP. It continues over here.”

Pacheco said Ysleta’s emphasis on unity also is embraced in UTEP’s student teaching program. Students in elementary education are assigned together to groups called cohorts, and are encouraged to take the same classes together as a block. UTEP also attempts to assign students from the same group to internships together at the same schools. The students’ first semester in the field is mainly observation in schools, com-

bined with classroom work at UTEP. The second semester combines classroom teaching experience with coursework at UTEP. The third semester entails placing students directly in classroom teaching situations.

“This also turns out to be a real plus for the schools,” Pacheco said. “They are quite pleased with this arrangement, because they’ve got a fine set of students they get to know over the course of three semesters. At the end of those semesters, they get to pick the ones they want to hire for their own schools. And the students we send out when they graduate are much better prepared. They know exactly what they’re getting into.”

Cortez, the former student teacher now working at Ysleta, said that “you are nurtured along, and given instruction in whatever you need as a teacher.”

He said UTEP’s professors work cooperatively with Ysleta teachers to devise classroom lessons. And the real-life experiences that student interns bring back to UTEP classrooms are shared, helping instruct other UTEP education students.

Reveles said: “You’re bringing light into the university as well.”

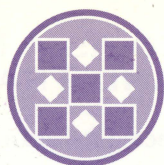
In this field-based program, UTEP education faculty work much like faculty in medical education institutions; they spend a significant amount of their time observing students in the field.

Pacheco said the college’s new doctorate in educational leadership and administration (which received initial approval this fall) will address the need to train administrators that will lead the schools of the future.

“We need new kinds of leadership for the new kinds of schools we see coming up in this decade,” Pacheco said. ■



Irene Vasquez, (right) discusses a teaching assignment with her mentor-teacher, Sara Matyear.



UTEP: A MODEL FOR THE FUTURE



From left: President Diana Natalicio with Sue Kimnitzer, Engineering Directorate for NSF, at the MIE press conference.

UTEP has earned the designation as a Model Institution for Excellence (MIE) by the National Science Foundation. The \$12.4 million award was announced at a UTEP press conference Oct. 9, 1995.

Sue Kimnitzer, Engineering Directorate for NSF, was on hand to make the announcement. "We are extremely pleased to offer the University of Texas at El Paso this award," Kimnitzer stated. "UTEP is well equipped to contribute to the nation's efforts to increase the quantity and quality of science, engineering and mathematics undergraduates and to encourage its graduates to become the leading faculty members of the future."

The National Science Foundation, in partnership with NASA, the U.S. Department of Agriculture and the U.S. Department of the Interior, recognize the importance of enhancing higher education institutions with a track record of dedication to serving historically underrepresented populations.

MIE, the product of that realization, is a groundbreaking program focused on colleges and universities that will serve as models for improving the quantity and quality of underrepresented populations in the fields of science, engineering and mathematics (SEM). It will be the catalyst for fundamental change in our nation's higher education system. MIE will focus on serving undergraduate SEM students with an eye toward leading them to completion of baccalaureate and graduate degrees.

UTEP will be at the forefront of this movement by establishing models that can be replicated at other universities, thereby creating a chain reaction leading to large scale increases in student participation and success in SEM throughout the country. In essence, UTEP will be the model for urban universities of the future.

"The new MIE initiative will attract talented students to our highly successful programs by focusing on increased recruitment, retention and

advancement of those who are traditionally excluded from careers in the areas of science, engineering and mathematics," said Diana Natalicio, UTEP president.

Specific efforts at UTEP to be supported by the five-year award will include introducing active learning strategies into all SEM courses, including cooperative learning, computer-assisted instruction, linking English composition courses with SEM classes, and tutoring.

Ensuring that every science, engineering and mathematics student serves as a research assistant for an on-campus project or as an intern or co-op worker in government or industry also is a goal.

Dr. Stephen Riter, interim vice president for academic affairs and Dr. Richard Padilla, vice president for student affairs are co-principal investigators of the MIE program. Dr. Andrew Bernat, computer sciences professor, is MIE project director.

EDUCATION DOCTORATE RECEIVES INITIAL APPROVAL

The University of Texas at El Paso's importance as an educator of this region's teachers has taken on more significance with the initial approval of a new doctorate in educational leadership and administration.

The Texas Higher Education Coordinating Board (THECB) approved the first reading of the degree in Austin this fall. This paves the way for final approval by the board in January.

Arturo Pacheco, dean of the College of Education, said the initial board action signifies a triumph for

UTEP and for El Paso.

UTEP faculty have been planning for the degree for about three years. The program has been eagerly awaited by hundreds of people in El Paso who see the degree as a catalyst for increasing the quality of education in the community, Pacheco added.

"This doctorate will make it possible for schools, offices and UTEP to have people who are doctorally trained and who have the skills to increase the educational level of the community," Pacheco said.

Under the degree program, 20 new doctoral courses will be added to the College of Education's curriculum by Fall 1996. Students entering the program will be trained for campus and administrative positions at school districts, universities and within government.

Additionally, UTEP will create a Center for Educational Leadership to develop and foster research about the problems confronted by public school educators.

Joe Krier, chairman of the THECB universities committee, said the initial approval of the degree reaffirms UTEP's position at the forefront of education throughout the state.

"UTEP has been a leader in the education field in Texas for some time. This doctorate degree program is obviously a natural for UTEP in that it will help the university continue to develop excellence in the field of education," Krier said.

Krier illustrated UTEP's status as an educational leader with the fact that the university trains approximately 80 percent of school educators in the Southwest Texas region.

UTEP's new doctoral program will be funded in part by the South Texas/ Border Initiative.

"The (South Texas/Border) Initiative is meant to increase the quality and quantity of education and that's what this doctorate will do in both regards," Krier added.

UTEP NAMED AS A NETWORK RESEARCH AND TRAINING SITE

UTEP has been selected to lead a project aimed at increasing the use of the information superhighway in teaching and research.

The project is funded by a Minority Universities Information Network for Research and Education Award from NASA.

As the Network Research and Training Site, UTEP will receive \$440,000 in the first year and approximately \$500,000 annually for two to five years thereafter, said Michael Kolitsky, associate vice president for instructional technology.

The project will seek to substantially increase the use of the Internet and the World Wide Web at UTEP and at five other higher education institutions (El Paso Community College, New Mexico State University, University of Texas Pan-American, North Carolina A&T, and California State University-Los Angeles) and cooperating El Paso Independent School District middle schools.

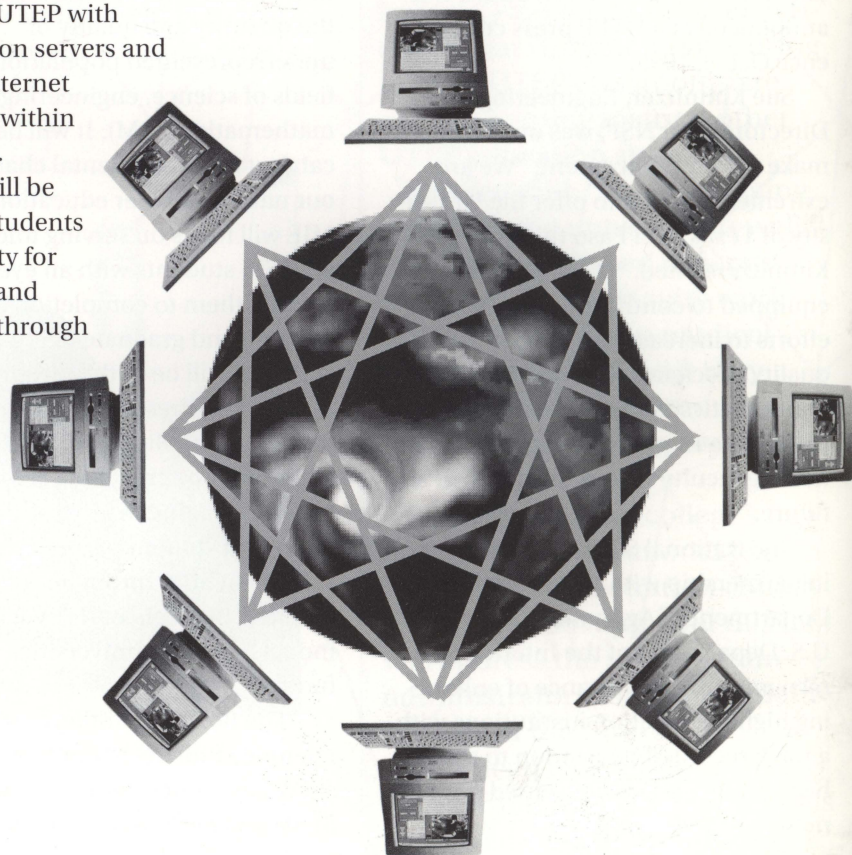
The project's goal is to equip math, science and engineering departments at UTEP with information servers and several Internet gateways within five years. Servers will be used by students and faculty for research and teaching through media

such as e-mail, news groups and World Wide Web home pages.

Chitta Baral, UTEP assistant professor of computer sciences, says that this access to the World Wide Web and the Internet will change the way courses are taught at UTEP.

"Every professor who uses it will have a virtual worldwide classroom with an infinite amount of information available to them. They will be able to teach more than subjects that are found in books. They also will be able to use many forms of media for research and presentation, including graphics, scholarly publications and voice data that are accessible through the World Wide Web," he said.

UTEP researchers will help participating middle schools put computers in the hands of youngsters who will build their own Web pages. This will expose students to up-to-the-moment information and prepare them for a technological future that depends on computers for communication.





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. The association's goal is to assist UTEP in its mission to achieve academic excellence by sponsoring and supporting programs, projects and activities that promote that image. The association provides opportunities for alumni and friends to come together during the year for several events such as Homecoming, Season of Lights and pregame parties.

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, Texas 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.

ALUMNI CHAPTER CONTACTS

NORTH TEXAS

Michael Quimby 214/252-8975

LOS ANGELES/ORANGE COUNTY

Richard Bengston 310/793-0299

SAN ANTONIO

Ralph Murillo 210/229-5924

HOUSTON

Charley Smith 713/495-0514

Dean Allcorn 713/862-4050

SAN FRANCISCO

Charlie Brown 510/548-5848

SAN DIEGO

Emma Ciriza 619/282-4741

JUÁREZ, MEXICO

Javier Urbina 011-52-16-1498-22

If you would like to establish a UTEP Alumni Chapter in your area, please call Yolanda Rodríguez Ingle in the Alumni Office at 915/747-5533.

NEW ALUMNI ASSOCIATION BOARD MEMBERS AND OFFICERS

Results of the 1996 Alumni Association election were announced during the Homecoming pregame party.

Newly-elected Alumni Association board members are: Michael Bernstein (B.B.S. '64), Enrique "Kiki" Bustamante (B.S. '57), Linda East (B.A. '74) and Patty Gonzalez (B.A. '88). The members whose terms expire this year are Tony Conde, Ken George, Tony Woo and Linda Troncoso. Troncoso was elected as the Association treasurer. Romelia Juárez has been appointed secretary for the new year. A special thank you goes to the retiring board members. Congratulations to the new board members.

1996 Alumni Association Executive Committee:

John Shaw, President

Ron Rush, President-Elect

Ralph Adame, Vice President

Linda Troncoso, Treasurer

Romelia Juárez, Secretary

Martini DeGroat, Past President

SEASON OF LIGHTS

On Dec. 1, the center of campus was transformed once again into a winter wonderland with the Alumni Association's Fourth Annual Season of Lights Ceremony. This year's program was held in the Union West parking lot. The crowd was entertained with holiday music prior to the annual lighting ceremony of more than 100,000 white lights. Local UTEP alums, members of the community and their families attended the event.

After the lighting ceremony, everyone enjoyed seasonal music, cookies and hot cocoa at the Alumni Lodge. The display will remain lighted nightly during the month of December. If you are in the El Paso area for the holidays, don't miss this beautiful sight.

SAN ANTONIO RALLY

The folks in San Antonio know about the UTEP Alumni Association!

The local chapter had its first general meeting on Nov. 9 at the Institute of Texan Cultures. New officers were installed and the chapter's bylaws were approved.

UTEP President Diana Natalicio was joined by Alumni Association President Martini DeGroat; Director of Development and Alumni Affairs Jan Cavin; new Alumni Coordinator Yolanda Rodríguez Ingle; and Director of Undergraduate Recruitment Monica Martinez, in welcoming the new chapter.

The officers for the new chapter are: Ralph Murillo, president; Joe Loya, vice president; and Kathy Meade, treasurer.

A FE

Winter is here and the Alumni Fund for Excellence campaign is just around the corner. The phone-a-thon is scheduled to begin in March, but pre-solicitation from the individual colleges will begin in January. Anyone interested in volunteering for the phone-a-thon may contact the Alumni Office. There will be food and prizes for the callers, and the funds raised will benefit UTEP academics. If you would like to volunteer as an individual or for your group, call Marcia Cohen at 915/747-5533.

COMING SOON

The Alumni Association is venturing out on the information superhighway.

Soon, alums will be able to contact the Alumni Office to instantly update records and request information about events and projects. Also in the works is an Alumni Association page on the World Wide Web. Watch your mail and *NOVA Quarterly* for more details.

HOMECOMING '95 HIGHLIGHTS



This year's homecoming theme was "Super 60s: Let the Sun Shine In." Many alumni got into the spirit and enjoyed

the trip back to that exciting decade. The Alumni Lodge was

transformed into a 60s-style

coffee house, decorated with memorabilia from music and Miner sports triumphs of that era. The annual Distinguished Alumnus Award reception was another success as many supporters turned out to honor Jim Paul, this year's recipient.

Texas First Lady Laura Bush attended the recep-

tion after she was inducted into UTEP's Mortar Board.

Leonard and Cathy Chant were honored during the week as they celebrated their 20th consecutive Homecoming. Leonard continued his tradition of leading a spirit yell at the Golden Grads Luncheon.

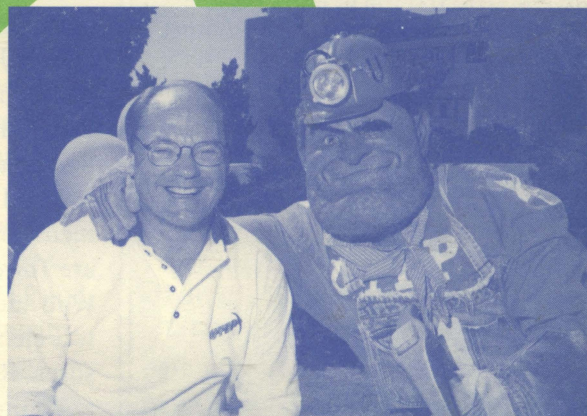
Congratulations to Ron Rush, Homecoming chair, and his committee for bringing the 60s back to UTEP.



Ron Rush



From left: Connie and Jim Paul with Laura Bush and Diana Natalicio at the Distinguished Alumnus reception.



Jim Paul and Paydirt Pete at Friday's pep rally.



Cathy and Leonard Chant





Willie Cager, member of the 1966 NCAA basketball championship team, is greeted by a friend.



Development and Alumni Affairs staff dressed in 60s-style. From left: Lillian Druxman, Marianne Fleager and Marcia Cohen.



Above: Highlights of the Homecoming parade.



The "Beatles" made a surprise appearance at the Alumni Lodge. The Fab Four were welcomed by Jeannie Johnston of the Development and Alumni Affairs Office.

CLASS NOTES

by Doreen Black

40s ▼

Edward Egbert, M.D. (B.A. '47) was awarded The S.T. Turner Award named in honor of Stephen Thomas Turner, M.D. The award was established to recognize the outstanding contributions of the El Paso County Medical Society members. Egbert received his bachelor's degree in biology at the Texas College of Mines and Metallurgy and his medical degree from the University of Texas Medical Branch in Galveston. He currently serves on the UTEP Development Board.

50s ▼

Ray Santos, M.D. (B.A. '55) was awarded the 1995 Mustard Seed Award from the Sealy Society in Galveston.

J. Walsh Hanley (B.B.A. '56) was awarded the Superior Public Service Award from Under Secretary of the Navy, Hon. Richard Danzig. Hanley has acted as liaison for the U.S. Naval Base at Pearl Harbor, Hawaii. He is president and general manager of Orchid Isle Auto Center in Hilo, Hawaii.

60s ▼

Terrell T. Kelley, Col., USMC, (B.A. '69) returned from a one-month deployment in the Eastern Mediterranean and Black Seas, during which he served aboard the sixth fleet flagship, USS La Salle.

70s ▼

Victor Chacon (B.M. '70) has been appointed the director of opera and associate professor of music for The University of Texas at El Paso. He has sung with the Houston Opera Co., the Santa Fe Opera and the Boise Opera.

Don Williams (B.A. '73) has been appointed by Texas Gov. George W. Bush as Court Master to the newly created 383rd District Court.

James E. Brundage (B.S.Ed. '74) has been elected executive vice president of Rogers & Belding Insurance Agency, Inc. He has been with the firm since 1978.

Jose P. Arce (B.A. '74), formerly with Fort Hays State University in Kansas, has been appointed assistant professor of modern languages with a specialization in Spanish at Illinois College.

Dyanna Raulerson Carlton (B.S.Ed. '78) is in her 13th year as a teacher for the El Paso Independent School District.

Gloria Montano (B.S.E.E. '78) was elected to serve on the Society of Women Engineers board of directors as vice president of special services for 1995-96. She is employed by Tandem Computers as a program manager and is responsible for managing the release of Tandem software products.

80s ▼

William M. Leff, D.C. (attended '78-'81) was selected to be a contributing editor to the *Texas Chiropractic Association Journal* for the TCA District I area of West Texas. He is active in the area of chiropractic policy and he also serves on the Five Points (El Paso) Development Foundation Board.

Mario G. Vizcarra (B.S. '82) received an M.S. degree in information systems from George Mason University.

Anna E. Alvarado, Maj., U.S. Army, (B.A. '83) was promoted to her present rank and is stationed with the Cardinal Battalion, Army ROTC at Ball State University in Muncie, Ind.

Pauline A. Dow (B.A. '84; M.A. '87; M.Ed. '89) was selected by the W. K. Kellogg Foundation for Group XV of the Kellogg National Fellowship Program. She is a coordinator for the Canutillo Independent School District.

Brenda Trinidad (B.S. '87) was appointed regional conference coordinator for the South Central Region of the National Association for Campus Activities. She was also chairwoman of the 1995 NACA South Central Regional Conference held Oct. 12-15. Trinidad is coordinator of UTEP's Wellness Program.

Adrian O. Ugarte (B.S. '87), a 1983 graduate of Socorro High School, was named the school's 1995-96 Outstanding Ex student. He is a member of the El Paso Emergency Physicians' Group at Southwestern General Hospital and is on staff at the El Paso Care Clinic.

Linda D. Swink (B.A. '89) has published her book titled *Speak With Power and Grace: A Woman's Guide to Public Speaking*. Swink was awarded Distinguished Toastmaster by Toastmasters International. She is the owner of Deloma Productions.

90s ▼

Ignacio Ramos (Attended '87-'92) graduated from the Border Patrol Training Academy in Glynco, Ga., after an 18-week course for new Border Patrol Agents.

Robert W. Edwards (B.A. '92) graduated from the Border Patrol Training Academy in Glynco, Ga., after an 18-week course for new Border Patrol Agents. His training included Spanish, immigration law, weapons, tactics and driving rough terrain vehicles.

Judy A. Jimenez (B.A. '93) was appointed informational writer for the Development and Alumni Affairs Office at The University of Texas at El Paso.

OBITUARIES

Richard (Dick) H. Sneed (B.S.M.I. '33) June 27, 1995. He was born in Joplin, Mo., and lived in Coeur d'Alene, Idaho. He served 30 years in the Army, earned the Distinguished Chung Mu Service Award with the Silver Star, and was the officer in charge of the Nicaraguan Canal Project for three years. After retiring from the Coeur d'Alene Mining District, he was active in several organizations including the Coeur d'Alene American Legion and the Retired Officers Association of Spokane. Sneed is survived by his wife, Gloria; daughter and son-in-law, Maria and Doug Warby; and grandchildren.

John K. Stewart, LTC., U.S. Army, (B.B.A. '81) Sept. 2, 1995. He resided in El Paso since 1977 and worked as an economics instructor at El Paso Community College for 10 years. He was a veteran of the Vietnam Conflict and retired after 25 years of service with the U.S. Army. Stewart is survived by his wife, Mary Ann, children, grandchildren, brothers and sisters.

Thomas Guy Chisari (M.Ed. '62) Sept. 5, 1995. He was a native of Washington, D.C. and had lived in El Paso since 1954. Chisari was a football coach and educational administrator. He is survived by his wife, Amada; daughters, Carol, Evelyn and Maggie; son, Michael; several grandchildren and two great-grandchildren.

Isabel D. Amparan (B.A. '92) Sept. 5, 1995. She was a lifetime resident of El Paso and a graduate of Irvin

High School and UTEP. Amparan was a producer and anchor for KLST TV in San Angelo, Texas, and also for KINT TV (channel 26) in El Paso. She is survived by her parents, Angel and Isabel Amparan; brothers, Gabriel, Amado and Raymond.

Raymond J. Duffy, Jr. (B.B.A. '72) Sept. 11, 1995. He was born in Dennison, Texas and worked as a pilot with Southwest Airlines. Duffy lived in El Paso for 30 years, and was a graduate of Austin High School and UTEP where he was a member of Kappa Sigma Fraternity. He also was a triathlete and coach for youth baseball and soccer. Duffy is survived by his wife, Diane; son Tyler; mother, Beatrice Theisen and father, Ray Duffy, Sr.; sisters, Catherine and Karen; brothers, Patrick, David John and Richard.

George J. Attel (B.A. '40) Sept. 15, 1995. He was a resident of El Paso for 77 years. Attel was a graduate of El Paso High School and Texas College of Mines & Metallurgy. He is survived by his wife, Elizabeth; sons, daughters; a brother and four sisters; and grandchildren.

Gilbert Po (B.A. '75) Sept. 17, 1995. He was a lifelong resident of El Paso and an X-ray technician for several years. Po is survived by his wife, Dr. Patricia Lopez Po; daughter, Liliana; mother, Margaret; brother, Robert; and sisters, Margaret and Lorrada.

Ellen Mae 'Mugs' Allen (B.A. '46) Sept. 17, 1995. She was a resident of Hernando, Miss., and a retired El Paso school teacher. Allen is survived by her brother, Jack G. Allen of Hernando.

Mary L. Barone (M.Ed. '67) Sept. 30, 1995. She lived in El Paso for 37 years and was a veteran of World War II and a teacher in the El Paso Independent School District for 24 years. Barone also was a member of the A.D.K. Sorority, Retired Teachers Association and the D.A.V. Auxiliary. Barone was preceded in death by her husband, Salvatore Barone. She is survived by three daughters, a son, three sisters, a brother and several grandchildren.

Cezar Sibal (B.A. '64; M.A. '80) Oct. 5, 1995. He was a major in the U. S. Army and a resident of El Paso for 39 years. Sibal was retired from the Texas Employment Commission and the Texas Rehabilitation Commission. He was a POW during World War II and a survivor of the Bataan Death March. Sibal is survived by his wife, Bella; son, Humphrey; daughters, Marlene, Esther and Rebecca.

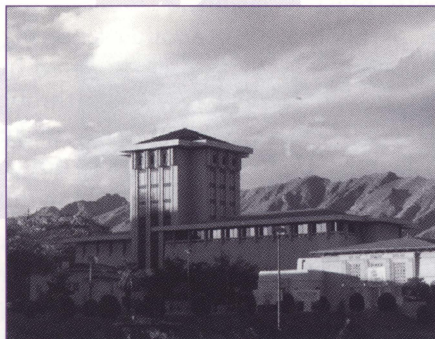
James D. Yates (B.A. '74) Oct. 10, 1995. He was a resident of El Paso for 27 years. Yates served in Korea and was retired from the U.S. Army. He retired from the Texas State Board of Pardons and Paroles after 18 years. He taught Criminal Justice at El Paso Community College for the past six years and served on the Juvenile Court Committee. Yates is survived by his wife, Patricia; two sons; two daughters; a brother; nine grandchildren and a great-grandchild.

Robert E. Kessel (B.B. '51) Oct. 13, 1995. He was a lifetime resident of El Paso. Kessel was an attorney and served as a Justice of the Peace from 1975 until his retirement in 1988. He was a graduate of Austin High School and Texas Western College. Kessel is survived by his wife, Tina; sons, Brian and Todd; daughter, Cindy; and sister, Mitzi.

Alex Silverman (B.A. '33) Oct. 25, 1995. Silverman, who was a longtime resident of El Paso, was an attorney and past president of the El Paso Bar Association. He was preceded in death by his wife, Blanche. Survivors include his daughters, Maxine and Jenice; and son, Louis.

THE UNIVERSITY OF TEXAS AT EL PASO CONVOCATION ADDRESS FALL 1995

Delivered by
President Diana Natalicio
September 7, 1995



The winds of change appear to be blowing everywhere in this world — and changes appear to occur with greater frequency and greater force each day. Assumptions made with confidence last year, or even last week, are challenged today by events over which we often appear to have little control. Formerly safe harbors have become vulnerable or have disappeared entirely. Although such rapid change can lead to anxiety and insecurity, it also offers the potential for enormous opportunity.

Earlier this summer, I joined others at the Air and Space Museum in Washington, D.C. to view the first film footage from the recently completed U.S.-Russian space mission — the Atlantis/Mir docking. The U.S. astronauts and the Russian cosmonauts were present to narrate. As the Russian Ambassador to the United States, Yuliy Vorontsov, spoke about this historic occasion, I was deeply moved not only by the remarkable technological achievement we celebrated, but by the capacity of the human spirit to adjust to and capitalize on rapidly changing contingencies. The avid competition for supremacy in space had, through intense human effort and good will, been converted into a highly successful partnership. Assumptions had been challenged and remarkable progress was achieved.

Meanwhile, on planet earth, we are horrified at the human toll exacted by warring factions in Africa and the former Yugoslavia, and the mass migration of populations from one place to another, seeking to improve their lives, or merely to survive. We witness the changing face of America and divisive public policy efforts to cope with these demographic changes, as have recently occurred with Proposition 187 in California and affirmative action debates in Washington, D.C. Regrettably, our society has not yet been able — or perhaps is not willing — to accept diversity as an asset rather than a liability. Although it is no longer safe to assume that we can spend a lifetime working, living and interacting exclusively with individuals who look, act and think like we do, there are many in our society who continue to seek the false security of exclusion. With its student demographics and growing national prominence, UTEP has an especially important opportunity — and obligation — to serve as an example of the power of diversity.

When most of us think about change, technology is often what comes to mind. Consider, for example, all of the technological advances that have been made in the area of communications and how these have affected nearly every aspect of our lives. The latest UTEP directory must now include not only telephone numbers, but fax numbers and e-mail addresses as well, and many of us communicate with each other almost exclusively via voice- or e-mail, never meeting face-to-face or even talking ear-to-ear. Whatever their academic major, all students today must be well equipped with computer skills, and UTEP must continually expand and upgrade its technology capacity and the professional development of its faculty and staff to maintain the competitiveness of our programs.

Sweeping changes have occurred in other areas of higher education. The demographics of student populations on most campuses have changed dramatically, with women and minorities comprising a majority of enrollments. Unlike yesterday's counterparts, most students today are employed either part- or full-time while attending college, and many are responsible for financing not only their own educations, but the day-to-day livelihood of their families as well. For them, the university is but one factor in their very complex lives. Unlike their predecessors, they do not complete their baccalaureate degrees in the traditional four years, and they often do not remain at the same institution to complete their degree programs, as employment or other factors lead them elsewhere. In this context, traditional measures of student or institutional success — such as graduation rates — are highly misleading. Comparing the graduation rates of working class students at largely commuter institutions such as UTEP or UT-San Antonio with those of privileged students on residential campuses such as Duke or Princeton makes little sense — though apparently good copy. More meaningful would be to recognize that in addition to the 25 percent of UTEP students who graduate within six years, another 35 percent continue to be enrolled either here or at another Texas institution.

Higher education finance has also undergone profound changes, as universities compete with prisons and health care for the public dollar. Policy debates justify reductions in the state's spending per student by characterizing a university education as an individual benefit rather than a societal good, and students are thus expected to pay a greater share of the cost. Although public higher education in Texas continues to be a bargain when compared with other states, tuition and fees have increased substantially at UTEP and other public universities during the past several years. Ten years

ago, the cost differential for 12 semester credit hours between UTEP and the El Paso Community College was \$116; today it is close to \$400. To our price-sensitive student body, such increases are sufficient to affect enrollment decisions.

In another sense, higher education has been somewhat sheltered from the major changes that have swept through other sectors of our society, and policymakers and the general public have begun to notice. Increasingly, we hear the criticism that re-engineering has occurred

everywhere — even in the federal government! — but not in higher education. Although such criticism may not be totally fair — we all know of successful efforts that have been made to achieve greater efficiency in our operations — it is nonetheless clear that all eyes are on us and the way we do our business,

and the expectation is that if we do not begin to change our ways, legislatures and regulatory bodies will do it for us. Discussions in the Texas Legislature during the last session point to the growing interest in undergraduate instruction, faculty tenure, faculty workloads, length of degree programs, and other measures of performance. The message is clear: if we in higher education do not wish to be micromanaged from afar, we must manage ourselves better.

UTEP is perhaps better positioned than most institutions in Texas or nationwide to respond to such challenges. We have for many

years engaged in serious self-analysis, and we have successfully defined an institutional mission that is responsive to the needs of the population of the region that we serve. We have faced squarely the criticism of those who resist change — and those for whom criticism of UTEP appears

to represent a form of self-aggrandizement. We have had the courage to be true to our mission and to the values of achieving both access and quality in our academic programs. We have, in fact, been recognized as a national model of excellence, an institution whose success oth-



President Diana Natalicio officially unveils the university's new information kiosk at the Union Building East.

UTEP
THE UNIVERSITY OF
TEXAS AT EL PASO

ers seek to emulate.

1994-95 was another great year at UTEP. Our achievements continued to bring us national recognition, awards, and financial support. During the next few minutes I will try to summarize for you some of the highlights of the past year. As a preface, I should first assert the obvious: becoming nationally recognized as a model institution does not occur without the creative thinking and hard work of a large number of individuals on this campus — those on this stage and in the audience today — who have made a very special commitment to UTEP and our important regional mission. We are grateful to each and every member of the UTEP community whose dedication to this institution and the students we serve enables us to stretch our resources and increase our impact to the fullest.

The Texas Legislature was in session during 1994-95. No single event consumes more of our time and energy and has a greater potential impact on our future than a Texas legislative session. Although the initial budget projections for higher education were terrifying, the Legislature once again managed to demonstrate its commitment to higher education by restoring most — though not all — of the major cuts that had been proposed. Still, state funding represents approximately 40 percent of UTEP's total budget to-day, compared with more than 60 percent just 15 years ago.

Particularly disappointing this session was the fact that no funds were appropriated to provide salary increases for state employees. At UTEP, a successful effort was made to identify other funding sources to award an average 3 percent merit-based salary increase to full-time faculty and staff, but dwindling reserves and students' resistance to escalating tuition and fees make such local efforts increasingly difficult. The best news emerging from the legislative session was new special item funding to invest

in UTEP's infrastructure and a special appropriation to establish a pharmacy program in El Paso in cooperation with the UT-Austin College of Pharmacy. We thank the El Paso legislative delegation — Senators Montford and Rosson

and Representatives McDonald, Haggerty, Moreno, Pickett and Serna — for their well-coordinated support of UTEP's agenda.

Major strides were made in academic program development during 1994-95, especially at the doctoral level. The first Ph.D. degrees in computer engineering were awarded; the doctoral program in psychology admitted its first cohort of students; the Ph.D. program in environmental science and engineering was approved by the Texas Higher Education Coordinating Board and enrolled its first students this fall; the doctoral degree in educational administration

passed the initial stages of Coordinating Board review and will be submitted for approval in October; and proposed Ph.D. degrees in biological science and history are ready for site review during 1995-96. This intense graduate program development activity has been made possible by the Legislature's support of the South Texas/Border Initiative's funding and UTEP's well-regarded research strengths in a variety of academic program areas. Although

the pace of our doctoral program development might leave other institutions breathless, UTEP has the stamina to continue these successful efforts to capitalize on the window of opportunity that has opened for us.

UTEP also gained approval last year to offer several other new academic programs at the bachelor's and master's levels, and demonstrated the quality of its existing programs by subjecting them to rigorous accreditation review: both the bachelor's of social work and the master's in public administration were granted initial accreditation. Self-studies



Oscar Moguel, UTEP mechanical engineering student, works with a wind turbine in his research on wind energy.



Biological sciences students measure the impact military vehicles have on desert plant life.



Education students participate in a lecture that is simultaneously broadcast to students at a distance by video teleconferencing.

with able assistance from Sally Andrade, and the participation of a large number of UTEP faculty, staff, students, alumni and friends — will serve as the basis for UTEP's overall accreditation review this year by the Southern Association of Colleges and Schools.

The most visible changes occurring on the UTEP campus during 1994-95 involved construction and renovation of facilities. Old Main, constructed in 1917 as the first building on this campus, is undergoing a complete interior and exterior restoration, supported by South Texas / Border Initiative's funding from the Texas Legislature. This \$2 million project is due for completion in 1996 when the sociology and anthropology programs will resume teaching and research activities in their beautifully refurbished home.

Planning has been completed and construction contracts approved to begin work on the new classroom building, which has been named the Undergraduate Learning Center. This 125,000-square-foot multimedia teaching and learning facility, which will be constructed on the site of the old swimming pool, women's gym and tennis courts, was introduced to the UTEP community at a "virtual reality" groundbreaking created by our talented News and Publications staff last spring. This splendid facility — and the pedestrian mall and amphitheater between it and the Centennial Museum — will serve as a new focal point on the campus.

Many other major renovation projects were completed last year: the Border Biomedical Research Center biostatistics lab and the computer laboratory in Bell Hall; the English Education classroom in Hudspeth; space in the Education Building to accommodate the El Paso Collaborative for Academic Excellence

were also conducted in the Colleges of Engineering and Business Administration in preparation for reaccreditation review by their professional associations this year. And, a major self-study effort — led by Jon Amastae,

and its \$15 million Urban Systemic Initiative grant; refurbishing the Academic Services Building; and more than \$350,000 in renovations to comply with the Americans with Disabilities Act requirements across the campus. Wynn Anderson, Juan Ontiveros, Bert Navar, Charlie Devillier, and all of the Facilities Services staff are to be congratulated on the remarkable job they have done in managing UTEP's extensive construction and renovation portfolio during the past year.

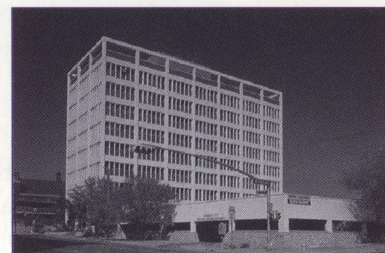
UTEP was fortunate to be able to purchase the Stanton Medical Building adjacent to the College of Nursing and Health Sciences, near downtown El Paso. Our fast-growing health professions education programs (physical and occupational therapy, nurse-midwifery, nurse practitioner, public health, and now pharmacy), under the fine leadership of Dean Pat Castiglia, have exceeded the capacity of the nursing and health sciences facility, and we had begun to search for lease space. Acquiring this

fine professional office building instead has enabled us to provide much-needed expansion space for these programs while maintaining a revenue stream from other building tenants to cover maintenance and operation costs.

Another highly visible accomplishment during the past year was our successful effort to eliminate a substantial deficit in the intercollegiate athletics budget and to lay a solid financial foundation upon which the future of this program can be built. The response of the UTEP and El Paso communities to the threat of losing UTEP athletics was swift and decisive. More than \$700,000 in special contributions were pledged within a remarkably short time, thanks to the extraordinarily creative efforts — and plain old hard work — of Jan Cavin, John Thompson, the Development Office and Athletic Department staffs, and a large number of dedicated community volunteers. And, in the spirit of this year's athletic fund-raising theme — "A Winning Team Beats with One Heart" — the entire UTEP administrative team has worked together to develop long-range strate-



Old Main, the oldest building on campus, is currently undergoing renovation.



The Stanton Medical Building

gies which will ensure that this athletic budget crisis will not be repeated — at least not on my watch!

Athletics was not the only beneficiary of generous donations from friends and supporters of the university last year. Overall, the Development Office accepted nearly \$8.5 million (\$8,401,232 million) in new gifts, representing a 67 percent increase in private giving to UTEP, and a 41 percent increase in alumni gifts. Twenty-two new endowments were established, totaling nearly \$2 million. For this outstanding achievement, UTEP received a CASE Circle of Excellence Award for Exemplary Performance in Fund-raising, the only comprehensive university in the U.S. to be so recognized. The help of our many friends and supporters in such organizations as the Development Board, Alumni Association, President's Associates, Matrix Society, Thelma White Network, Miner Foundation and Women's Auxiliary is gratefully acknowledged.

The Alumni Association continued to grow with the establishment of chapters in San Antonio and Los Angeles/Orange County. Future growth will be enhanced by the development of a computerized alumni database, the issuance of an Alumni Association credit card (which generates for UTEP a percentage of every dollar charged), the creation of an Alumni Association home page on the World Wide Web, the publication of an Alumni Directory and the leadership role of alumni in such major events as the Season of Lights, Homecoming and Minerpalooza. We thank Marcia Cohen for her outstanding work in staffing alumni affairs, and we welcome Yolanda Ingle, herself a UTEP alumna, who will assume these responsibilities as Marcia takes on the challenge of annual fund raising, including athletics.

UTEP's sponsored project activity during the past year was also record-breaking: more than \$37 million new dollars were awarded to UTEP during 1994-95. In FY 1994, UTEP ranked fourth among Texas universities in overall spon-

sored projects expenditures, with only Texas A&M, UT-Austin and the University of Houston ahead of us. This ranking is all the more remarkable because we have had to overcome a history of external impediments to our progress, including Coordinating Board restrictions on graduate program development at UTEP and related state funding disparities. Thanks are due to all of the UTEP faculty and staff members whose excellent proposals — more than 350 last year! — enable UTEP to compete successfully for grant funds, and to Julie Sanford, Claudine Riccillo, Florence Dick and others in the Office of Sponsored Projects for their excellent technical assistance and support.



President Diana Natalicio, (center) is surrounded by the key members of UTEP's fund raising campaigns. Clockwise from top left: Andrew Guevara, Manny Aldana, Steele Jones, Don Henderson, Martini DeGroat.

Among major grants awarded to UTEP during the past year is a \$6.5 million, five-year grant from NASA to establish on this campus the Pan American Center for Earth and Environmental Science (PACES). Based in the Center for Environmental Resource Management and supporting UTEP's doctoral programs in geological sciences, computer engineering, and environmental science and engineering, PACES will contribute to NASA's Mission to Planet Earth by maintaining a database of remote

sensing, geophysical, geological, and environmental data focused on the Southwestern U.S. and Northern Mexico regions. Scott Starks in engineering directs PACES, and Randy Keller (geology) and Dan Cooke (computer science) are primary collaborators in this exciting interdisciplinary effort.

UTEP's history department received a grant from the National Endowment for the Humanities to work with its colleagues at the El Paso Community College to revise the required U.S. history survey course around the common theme of immigration to the U.S. and the struggles of diverse peoples to define a place for themselves in the larger society. Although this approach to U.S. history seems naturally suited to the El Paso context, predic-

tions are that its appeal will extend far beyond this region. Charles Ambler, who leads this effort, and history faculty at both institutions are to be commended for the spirit of innovation and cooperation which characterizes this project.



UTEP promotes economic development by transferring money-saving technology from the laboratory to the workplace.

Through a major grant from the Air Force Office of Scientific Research, faculty in civil, metallurgical and materials, and electrical and computer engineering are establishing a FAST Center for basic research to improve the reliability and maintainability of

aerospace structures — aging aircraft to you and me. Collaborating with UTEP in this center are NASA's Jet Propulsion Laboratory, Sandia and Los Alamos National Laboratories, and Texas A&M. Civil engineering faculty members Roberto Osegueda and Carlos Ferregut are director and co-director of this new Center.

UTEP is a charter member of the newly established Center for the Study of Western Hemispheric Trade, together with U.T. Austin, Texas A&M and Texas A&M International universities. A \$10 million grant from the Department of the Treasury supports faculty and student research into hemispheric economic policy; commodities, manufacturing, and services; and tariffs and customs. Thanks to the good work of Dean Frank Hoy in the College of Business Administration and Manny Pacillas in the Texas Centers for Border Economic and Enterprise Development, UTEP is playing a major role in this multi-university consortium. In addition to supporting research, this grant will enhance UTEP Library collections and permit the establishment of endowed professorships in Western Hemispheric trade policy and economic development.

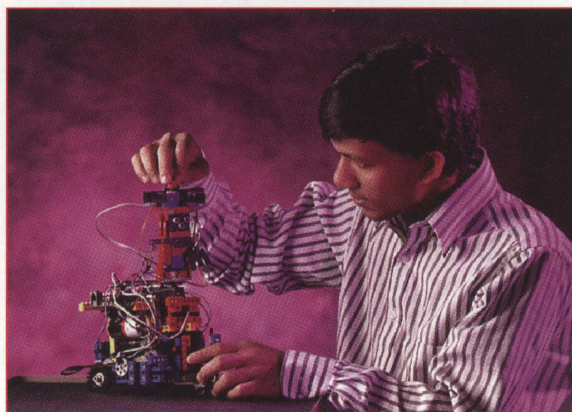
The computer science and computer engineering programs received a five-year, \$1.2 million grant to enhance student learning opportunities through the establishment of affinity groups in such areas as software engineering, communications and signal processing, and image processing applications. And, the psychology department has received a major multi-year grant from the National Institute of Mental Health that will support research on a broad range of mental-health issues of special interest to the bilingual and bicultural environment of the U.S.-Mexico border region, and enhance infrastructure support for the department's doctoral program.

Particularly satisfying have been individual grants to new UTEP faculty members such as Ann Quiroz Gates in computer science, for her work on monitoring software through integrity constraints; Rene Villalobos in mechanical and industrial engineering, to develop an integrated environment for the assembly of surface mounted devices; Scott Michaelson of the English department, for his work on indigenous American anthropologies; Chitta Baral in computer science for investigations into a systematic approach to reasoning about actions and change; and Michael Topp of the history department, for research on Italian immigrant syndicalists.

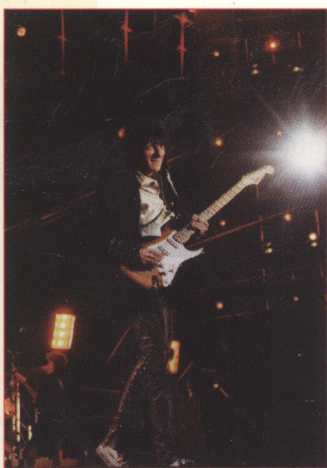
UTEP's outreach efforts to the surrounding region continued to grow in 1994-95: the school-based primary care clinics we have established in Ysleta, Fabens, San Elizario and Montana Vista through the Institute for Border Community Health Education, in cooperation with Texas Tech and other partners; the highly successful Mother-Daughter program, which

this year expanded to Canutillo, Fabens and San Elizario School Districts, and — in collaboration with the Rotary Club of El Paso — added a Father-Son component; the environmental education programs conducted in various colonias by UTEP's Center for Environmental Resource Management and students in civil engineering and other

academic programs; the Upward Bound program which affords high-risk high school students the opportunity to strengthen their academic skills; the archaeology field school in San



Chitta Baral, computer sciences assistant professor, works with one of his cognitive robots.



The Rolling Stones rocked the Sun Bowl in November 1994.

Elizario which complements the Mission Trail and other Lower Valley development efforts; and the highly successful Center for Lifelong Learning whose membership growth and program development are sure signs of the importance of this program to El Paso's senior community.

Each year, UTEP offers area residents a broad array of cultural and arts programs through the music, art and theatre arts departments; the Centennial Museum; the Library; the Union Programs Office; and the Dinner Theatre.

This year, numerous programs were also presented in the Special Events Center, including such popular Latino recording artists as Juan Gabriel, Vicente Fernandez, Luis Miguel, Santana, Julio Iglesias and Mañana. The Rolling Stones rolled through El Paso much to the delight of the 40,000 fans who attended their concert in the Sun Bowl, and intercollegiate athletics offered sports fans exciting football, women's volleyball, and men's and women's basketball and track events throughout the year.

The Division of Professional and Continuing Education has expanded to three trimesters per year, and course offerings and enrollments continue to grow. The rapid expansion of its business and industry training programs underscores the major role that UTEP plays in fostering this region's economic growth and development. Other UTEP programs which serve as resources to regional development include the Family Business Forum and the Franchise Center in the College of Business Administration, and IM³ and the Texas Centers for Border Economic and Enterprise Development.

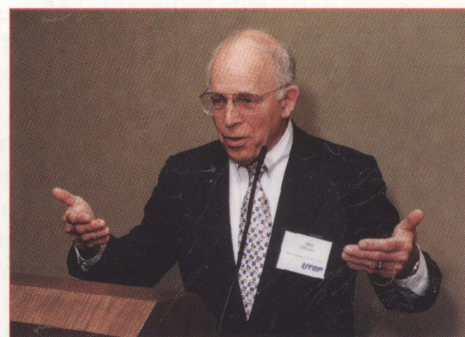
The UTEP campus hosted numerous national conferences during the past year, with coordination provided by Nancy Wacker in Professional and Continuing Education. We were especially honored to have been asked by the White House Office of Science and Technology Policy to host a regional conference on science education and scientific literacy, which brought to the UTEP campus Dr. John Gibbons, President Clinton's Science Adviser; Neal Lane, Director of the National Science Foundation; France Cordova, Chief Scientist at NASA; and other nationally prominent figures in the science/technology community.

Texas Western Press had an outstanding year, with several very successful publications and the highest sales revenues in its 45-year

history. The Press' beautiful book, *José Cisneros: An Artist's Journey*, was selected by Chancellor Bill Cunningham as his 1994 holiday gift to friends and supporters of the U.T. System, and we are delighted that he has chosen our recent publication, *Tom Lea: An Oral History*, for his 1995 holiday gift. Congratulations and special thanks to Jack Bristol, who directs the press during lulls in his deandy duties, and to Marcia Daudistel, the Press staff and editorial board members who bring increasing distinction to UTEP through their fine work.

The El Paso Collaborative for Academic Excellence, under the able direction of Susana Navarro, continues to expand its efforts to reform K-16 education, particularly in math and science, and to strengthen the pre-collegiate preparation of El Paso area youngsters. Inasmuch as 86 percent of UTEP's students are from El Paso, and an estimated 80 percent of area teachers have received one or more degrees from UTEP, this partnership will benefit us all, as it achieves its promise of raising the academic performance level of all young people in this region.

The culmination of several years' work with school districts and the El Paso Community College occurred in 1994-95 when new admission requirements were adopted, together with a commitment from all school districts to offer all students the full range of courses which will be required for admission to UTEP. Although some critics have advocated the instant and unilateral imposition of admission requirements, the approach that has been taken to partner with the



John Gibbons, assistant to President Clinton for science and technology, was one of the keynote speakers at a conference held at UTEP.

schools from which we draw a large majority of our students is clearly more responsible — and far more likely to lead to long-term positive outcomes. In an isolated and undereducated community such as El Paso, this university must work with our colleagues in K-12 education to increase the academic achievement of all young people, and that is precisely what the El Paso Collaborative is working so hard — and so successfully — to do.

Far less visible — but no less important — than the accomplishments that I have just summarized are the many behind-the-scenes efforts that are constantly undertaken at UTEP to improve the quality of our service to stu-

dents, to our public and to each other. Last year, for example, a number of innovations were introduced in Enrollment Services, including the expansion of the capacity and functions of the touch-tone registration system. We acknowledge with appreciation the leadership provided by Robert Stakes who served as the first Dean of Enrollment Services, and we welcome Sylvia Rodriguez, his successor. The Student Health Center entered into a partnership with Texas Tech and Thomason Hospital to expand medical and laboratory services for UTEP students; the Disabled Student Services Office developed a number of new programs for UTEP's growing disabled student population; Career Services automated its operations to facilitate communication between UTEP students and the large number of employers who wish to recruit them; and Information and Telecommunications Services has worked to extend e-mail access to all faculty, staff and students.

There are many unsung heroes and heroines on the campus. UTEP's telephone operators deftly handle some 17,000 calls per month from all parts of the world, either answering inquiries themselves or referring callers to appropriate offices for further information. The benefits staff in Human Resources provides personalized service to ensure that all staff, faculty and retirees' health insurance and related needs are addressed. The Campus Police Department not only provides us a safe and secure environment in which to work, but responds to a variety of service calls — more than 2,800 last year — for help with such problems as dead batteries and keys locked in vehicles. Our well-being is also the primary concern of the Environmental Health and Safety staff who were recently commended for operating one of the best such programs in the state. Our Facilities Services staff work tirelessly to ensure that our beautiful campus is clean and well maintained, and their extra efforts to make our many special occasions, such as the Season of Lights, even more special are greatly appreciated. And, speaking of special occasions, the UTEP Catering Department continues to be a source of great pride to all of us.

All of the 1994-95 accomplishments that I have attempted to summarize here have one

common purpose: to create a robust learning environment for the students who come to us with their dreams. From the veteran members of the UTEP family whom we honored today to the new faculty and staff members whom we welcome this fall, all of us must be committed to serve students representing a wide variety of backgrounds, interests and needs, with an educational experience that meets the highest competitive standards. This commitment requires not only quality educational

and research programs, and up-to-date facilities and technology, but also an understanding of UTEP and its mission, and an attitude of respect toward our students, their challenges and their aspirations. All of us here today are privileged to have had many opportunities ourselves; we are especially privileged to be able to participate in the human development

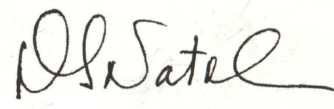
that occurs every day on this campus. We, in turn, have an obligation to do all that we can to ensure that others have similar opportunities.

A few weeks ago, I received a letter from a UTEP graduate, who is now a professor of history at the University of Georgia. His letter, which conveyed to me a copy of his most recent book, stated:

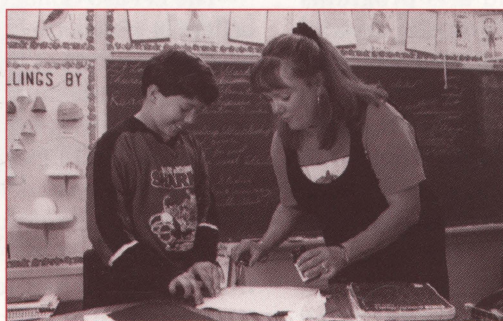
"My mother, who still resides in El Paso, has occasionally sent me articles about the ongoing debate over open admissions and academic opportunity, and I wish you every success in formulating policies that will benefit as many members of the community as possible. At one point in my undergraduate career I was on academic probation, and I consider myself very lucky that I attended an institution that was willing to provide me with a second chance."

That, my friends and colleagues, is precisely why we are here, and why our work at UTEP is so tremendously important — and satisfying.

Thank you for being here.



— Diana Natalicio



Elementary school mentor teacher, Beth Tevis, participates in a program providing UTEP education students a "clinical" learning experience.



FACULTY PROFILE

"Selection – that was a terrifying word for every Jew in Auschwitz. ... Once a 17-year-old boy who was selected for being undernourished [said] 'Hopefully it will go quickly and not cause too much pain. That is the only thing that I am afraid of.' For everyone knew that when there was a shortage of gas, too little gas was let in. Then the final suffering, death by suffocation, lasted three, four, five minutes, even to the point that many living bodies were shoved into the ovens."

— Walter Blass,
prisoner interview in the Breslau
concentration camp excerpted from
The Buchenwald Report

The recollections of Nazi concentration camp victims have been preserved by David Hackett, UTEP associate professor of history, in *The Buchenwald Report*, a terrifying yet honest tribute to the survivors of the camps and the millions of others who never left their gates.

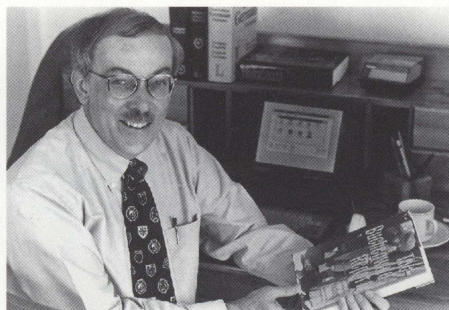
"Dr. Hackett's work on this book is invaluable," said Albert Schwartz, president of the El Paso Holocaust Museum. "His work is important for the younger generation, so that something like this [the Holocaust] never happens again."

Work on *The Buchenwald Report* began with Albert G. Rosenberg, UTEP professor emeritus, who was a member of the team of U.S. officers dispatched to Buchenwald to interview the prisoners. The report, which contained the first interviews with Nazi concentration camp survivors, was never translated or published in its entirety.

It was believed that all of the copies of the report had been lost, but fortunately, in 1987, Rosenberg presented his fading carbon copy to Hackett, who specializes in the Holocaust, modern Germany, 20th century Europe and European intellectual history.

"[Rosenberg] came in to my office and plunked this thing down on my desk," Hackett remembers. "He said, 'Here. Somebody should do something with this.'"

The Holocaust historian decided "something" meant that the report needed to be translated and published,



DAVID HACKETT PRESERVING THE HOLOCAUST'S SILENT SCREAMS

by Christian Clarke and Timi Haggerty

so for the next seven years, Hackett tirelessly translated the 400-page document.

The Buchenwald Report, released by Westview Press in April, has been well-received by critics and historians. The book has been chosen as both a *Book of the Month Club* and *History Club* selection.

"[*The Buchenwald Report*] is a very valuable find, and a crucial document from the history of the Holocaust," David Wyman, professor at the University of Massachusetts at Amherst, wrote about Hackett's seven-year project. "Those who discovered, preserved, and translated it are to be commended."

As part of the 50th anniversary of the liberation of the Nazi concentration camps, Hackett led a delegation of El Pasoans to present *The Buchenwald Report* to the U.S. Holocaust Museum in Washington, D.C.

The report details the horrors that U.S. troops encountered as they entered the camps — from slave labor to mass annihilation.

"Buchenwald was the first big camp that was discovered. It offered the first images that were widely publicized about the concentration camps," Hackett said. "*The Buchenwald Report* gives a comprehensive view of the daily life of all of the prisoners who were targets of Nazi terror: Jews, homosexuals, Jehovah's witnesses, Poles, Russians and children."

While *The Buchenwald Report* may be Hackett's most definitive work, his research is far from finished.

"I have been talking to my students about how often we get the feeling that all history has already been written and there is nothing else to do and nothing else out there to discover, but I keep telling them that it just is not true," Hackett said. "There is so much material out there, a lot of it is still untouched, just waiting for somebody to write about."

Hackett's current project is a book on the 1946-47 U.S. Army trials of the Buchenwald camp guards, and he has several more projects in the planning stages.

Hackett received his B.A. from Earlham College in Indiana, and M.A. and Ph.D in history from the University of Wisconsin at Madison. He has also studied at the University of Munich in Germany.

Since joining the UTEP faculty in the summer of 1971, Hackett has taught a variety of courses about 20th century Europe and modern Germany. Last spring, Hackett introduced a Special Topics in History course that focused on the Holocaust. Last summer, he taught a graduate level seminar for primary and secondary teachers focusing on teaching about the Holocaust.

UTEP students appreciate Hackett's direct and honest approach to dealing with the sometimes difficult subject material of modern Europe and the issues that arise from studying the Holocaust.

Meike Bergmann, 19, is a native German studying graphic design at UTEP. After completing Hackett's modern Germany and Holocaust courses, she ranks him as the best history teacher she has ever had, especially in regard to the Holocaust.

"What I really like about Hackett's presentation of the material is that he remains objective. He does not present all Germans as evil, and he presents the information as 'This is history. This is what happened and this is how we are dealing with it today.' " Bergmann said. "Although he does have his opinions, he does not force them upon the students. Instead he allows students to draw their own conclusions about modern Germany and the Holocaust."

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