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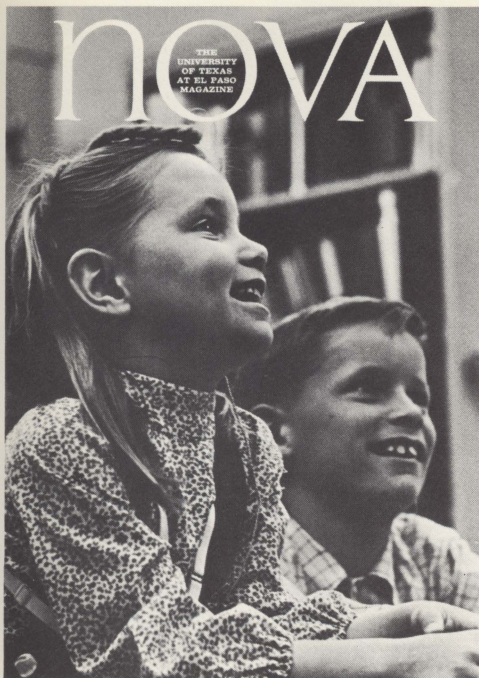
noVA

THE
UNIVERSITY
OF TEXAS
AT EL PASO
MAGAZINE



Vol

178



Cover: Photograph of Melissa and Tony Schiber by Lee Cain.

Back Cover: This semi-aerial photo was taken by Hans P. Otto from the cab of the construction crane being used on the Education Building project. Taken facing the southwest.

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AN ISSUE OF THE '70's & OTHER LAST MINUTES

The ISSUE of the '70's and from now on, it is called. If you want to keep *ahead*, not just up with what is going on in colleges and universities these days, start reading everything you can get your hands on about pollution. Not just air pollution (which is important enough by itself), but soil and water pollution, and all other despoiling of the habitat of man—from the endangered and disappearing Utah Prairie Dog, Cape Sable Sparrow and American Alligator to the beer can on the highway, from the fall of the redwoods to the oil slicks off the Santa Barbara coast and in Lake Ascarate. If you get a tight feeling in the pit of your stomach seeing smoke belching from industrial chimneys or from seeing a photo of Gina Lollobrigida's tiger-skin maxi-coat, you have empathy with the new environmentalists and their from-now-on cause.

Jack Perkins of NBC News visited the campus on December 9, to use his words, "to see what is turning college students on these days." When he called the News Service office a few days prior to his visit he said he and his cameramen were visiting several campuses — Minnesota and Miami were two he mentioned—and that the story series was for the Huntley-Brinkley Report. He asked for help in getting a group of students together in the Union for an on-camera rap-session.

The outcome of the Perkins visit is worth a long story but suffice to say here that he got everything he was looking for.

The stories appeared some weeks later on the Huntley-Brinkley Report and they gave you a very good idea of what is turning Jack Perkins and NBC on these days.

"Desiderata," the testimonial that appeared in this column in the last issue of NOVA, has produced sort of a literary mystery. It turns out that the prose poem, attributed to the Indiana poet Max Ehrmann and purportedly included in the book *Poems by Max Ehrmann* (Bruce Humphries, publishers), did not originate there. A letter to the Boston publisher has produced no reply.

Best information on the poem so far comes from Mrs. Robert S. Fletcher of San Jose, California, mother of two Texas Western alumni. "I bought five copies of 'Desiderata'," she writes, "from the San Jose State College bookstore. They were beautifully printed on parchment paper and I framed them and gave one to each of my children. At the bottom was printed 'Found in Old Saint Paul's Church, Baltimore, 1692.' The writer is unknown."

Any information on "Desiderata," Max Ehrmann's connection with it, or anything else that will clear up or further confuse this issue will be appreciated.

About address changes once again: there is a somewhat different policy now in handling the NOVA mailing. In order to get each issue of the magazine, be sure to notify the Alumni Office when you move. Otherwise you will miss an issue of the magazine, for it will not be re-forwarded if sent to your old address.

—dlw

THE CENTER OF SOUND & SILENCE

by Jeannette Smith

The Speech and Hearing Center of the University of Texas at El Paso opened inauspiciously on December 1, 1969. There were newspaper stories to be sure, but ballyhoo was inappropriate. Behind this quiet story though is almost a decade of effort by many University administrators and educators to establish such a Center on campus, a hard and long search for funds and space, and the recruiting of a staff and a qualified director. It is a story worth knowing.

Almost 10 years ago, when the Liberal Arts Building was under construction on campus, Dr. Milton Leech, then head of the Department of Drama and Speech, insured space in the new building for just such a facility. Since then, such faculty members as Dr. Ralph Culp, current head of the department, Dr. Patricia Adkins and Mrs. Clarice Jones of the same department, all have contributed much thought and effort toward the establishment of the Center.

There was never a question as to the need of one. Students majoring in speech pathology at U.T. El Paso could go just so far in their undergraduate studies after which it was necessary for them to transfer to another university in order to obtain the clinical practice needed for a degree and for state certification.

There was another—and equally important need. As in any large metropolitan center, the El Paso area has a large number of adults and children who have speech and hearing handicaps, varying in degree of severity. There are far too many such cases for them all to receive the necessary evaluation and therapy from the El Paso and Ysleta School Districts and the El Paso Rehabilitation Center.

The space, thanks to Dr. Leech's foresight, was available, as was recognition by the faculty of the need for such a Center. The obstacles to the actual establishment of it can be lumped into one word—money. A highly spe-

cialized field of study such as speech pathology demands much more than a classroom, chairs, and textbooks. Expensive technical equipment is essential such as two clinical audiometers (\$5,600 for the large size, \$3,000 for the smaller one), portable clinical audiometers at \$300 to \$500 each, recorders, some portable and others stationary, a language master, and specially-built sound-proof rooms.

According to Dr. Culp, part of the funds were supplied by the Department of Drama and Speech, but the lion's share was contributed by the University's life-saving Excellence Fund. In all, approximately \$20,000 was made available.

At this point, the establishment of the Center rested on two additional, essential actions: approval by the University, and the appointment of a qualified director. Both were accomplished, the first with facility, the second with a large amount of luck, for there is not an overabundance of nationally certified audiologists, especially with such an impressive background in the profession as that of Dr. Harold N. Williams.

Dr. Williams, who became director of the Center in September, 1969, received his B.S., M.S., and Doctor of Education degrees from Bradley University in Illinois. He holds a Certificate of Clinical Competence in Audiology and Speech Pathology from the American Speech and Hearing Association, has professional affiliations with several state and national speech hearing associations, and is the author of an extensive list of articles on the subject.

As to his professional experience, it includes positions as teacher of pre-school classes for the deaf, speech correctionist, affiliate professor of speech pathology and audiology, and professor of speech in various schools and universities and such appointments as director of Audiology and Clinic at Lamar State College, and Executive Director of the Nashville League for the Hard of

Hearing.

Obtaining a staff to work with Dr. Williams has presented few problems. Since the establishment of the Center makes possible the pre-professional training needed by students majoring in speech pathology, the tyro clinicians were selected from upper class students on campus who had the required academic background.

When the Center opened December 1, seven student-clinicians constituted the staff — all of them eager, interested, and dedicated — and each of them working under the direct supervision of Dr. Williams. At least five more students will join the staff during the spring semester. Testing prospective clients is just a part of their practical training, for their work also includes constructing from scratch many of the materials used for therapy—flannel boards splashed with colorful pictures cut from magazines, cardboard treasure chests, locomotives, and fish, all to be used in games which are designed for practical utilization in children's speech therapy sessions. Other requirements include writing up suitable lesson plans tailored for particular types of therapy cases (some children, others adults)—stuttering, dialect disorders, and other organic or functional voice problems.

The students' work-hours are fascinating and enjoyable, and they are assiduously collected, since a minimum of 200 hours of clinical experience with clients of various ages and with various communication problems are necessary for certification on the state level by the Texas Education Agency. (For national certification, granted by the American Speech and Hearing Association, 275 clinical work-hours are required, with 100 of them on the master's degree level).

In December and January the Center's staff concentrated on processing applications and conducting evaluations. Prospective clients were sent

case history forms to be filled out and returned, then appointments were made for the evaluations. Dr. Williams explains: "If it is determined after evaluation that the person can be helped by the Center, a therapy schedule is worked out, dependent on the schedules of the student-clinicians and of the clients themselves. In cases where medical referral is needed, we ask the client to first see a medical specialist."

Dr. Williams continues: "Only general testing is given at the Center, therefore, in most cases the clients should first be examined by a specialist such as an otologist or an otolaryngologist. If no pathology is found that can be treated medically or surgically, therapy at the Center is often suggested by the physician." Cost of the Center's services is a factor, of course, but probably the least significant of all factors involved. Clients are charged according to their ability to pay. No one is refused attention because of finances.

From the beginning of its operations in December it was apparent that the Center would be handling a wide variety of communication disorders. The evaluations of its first dozen applicants included those of two stutterers, three with brain damage, three deaf, and two with speech problems.

2 Dr. Williams comments: "It didn't take us long to discover that the staff also had a handicap — some of the applicants spoke no English and none of us spoke Spanish." He adds: "However, some of our newer student-clinicians do speak Spanish."

The staff of the University Speech and Hearing Center offers service to others besides individual client. For example, in January they spent two days in the Canutillo Independent School District giving hearing tests to a total of 448 students. According to Dr. Williams, 13% of those tested showed hearing problems, as opposed to available national statistics which indicate an incidence of 7.6% of the population under 25 years of age.

The Speech and Hearing Center will also conduct hearing tests in various local industries beginning in the early spring.

The U.T. El Paso Speech and Hearing Center, it is important to remember, consists of two interdependent and interlocking parts: service and therapy for those with speech and hearing handicaps, and practical experience for those learning to provide the service and therapy.

NOTE: The photographs accompanying these articles show Dr. Harold N. Williams, director of the U.T. El Paso Speech and Hearing Center, with his young clients Melissa and Tony Schiber, chatting and demonstrating some of the various testing and therapy techniques of the Center. All photos by Lee Cain.



MELISSA AND TONY

Melissa and Tony are sister and brother. They are bright, beautiful children whose hearing aids are the only indication of a physical disorder — until they speak. While Tony's speech is not too difficult to understand, Melissa's might be called "jargonese."

According to their case histories, there was no damage at birth to either child. Both have been examined by medical specialists who have diagnosed nerve damage from unknown causes. According to one physician, the chances of two children in the same family having the same physical defect is one in 800,000.

Tony, now nine, was two and a half years old when his parents' fearful suspicion that he had defective hearing was confirmed by specialists. Melissa's hearing disorder was detected sooner, when she was 18 months old, for by this time the parents, Mr. and Mrs. Clifford Schiber, had become painfully experienced at recognizing symptoms of deafness.

Both children have worn hearing aids for several years. Both have received beneficial speech therapy from the Ysleta School System (Tony is in the third grade, five-year-old Melissa has attended pre-school for two years). Tony makes good grades and is showing satisfactory progress in other ways; Melissa shows less improvement. Tony has reached the point where he wants to abandon his hearing aid. Melissa attempts to clarify her speech by using a series of hand gestures she has devised to help make herself understood.

Both children are veterans at turning off their hearing aids if they are being told something they don't want to hear.

Mr. and Mrs. Schiber are conscientious, concerned parents who explore every possible avenue that might lead to continuing improvement of Melissa and Tony's speech and hearing, and the latest avenue, in the local area, leads to U.T. El Paso's new Speech and Hearing Center.

The following tests and evaluations of Melissa and Tony's communication disorders were conducted by Dr. Williams and a member of his staff early in January.

Accompanied by their father, the two children enter Dr. Williams' office. Young Tony walks with confidence, wears a broad grin. Pint-sized Melissa exudes charming femininity, also a slight timidity. Introductions are performed, then Dr. Williams asks Mr. Schiber for various bits of background information not included on the children's case-history forms. During their discussion, one of the student-clinicians, Mrs. Caroline Folk, takes Melissa by the hand and with Tony two steps ahead of her, walks down the hall to a suite of sound-proof rooms. In one of the rooms, Melissa watches while Mrs. Folk gives Tony the Hinja Test for speech articulation. The test consists of a book of pictures, three to a page, each picture to be identified orally. Each picture-trilogy contains one of the consonants in three different positions: initial, medial, and final. For example, for the consonant "m", a page contains illustrations of a monkey, a hammer, and a broom.

Tony handles the test with relative ease. Melissa is then given the Peabody Vocabulary Test to ascertain her language level. In this one, Mrs. Folk shows a series of pages, each containing four unrelated pictures and at the same time pronounces one identifying word. Melissa points to the picture which she thinks fits the word. Tony watches protectively and squirms when she misses, in fact, he offers her hints to help her make the correct selections. Mrs. Folk gently but firmly reminds him that Melissa must answer without assistance.

They then return to Dr. Williams office which contains a two-sectioned, vault-like chamber designed for hearing tests. Dr. Williams seats Tony in the left section, outfits him with headphones, and lets Melissa stand by to observe.

Now it's Melissa's turn—but she is tired of these "games." After a prodigious amount of patient coaxing from her father, Tony, and Dr. Williams, the petite Melissa displays, without benefit of words, a monumental determination not to take the test. It is decided that Melissa will make additional visits to the Center until she is enough at ease to finish the testing.

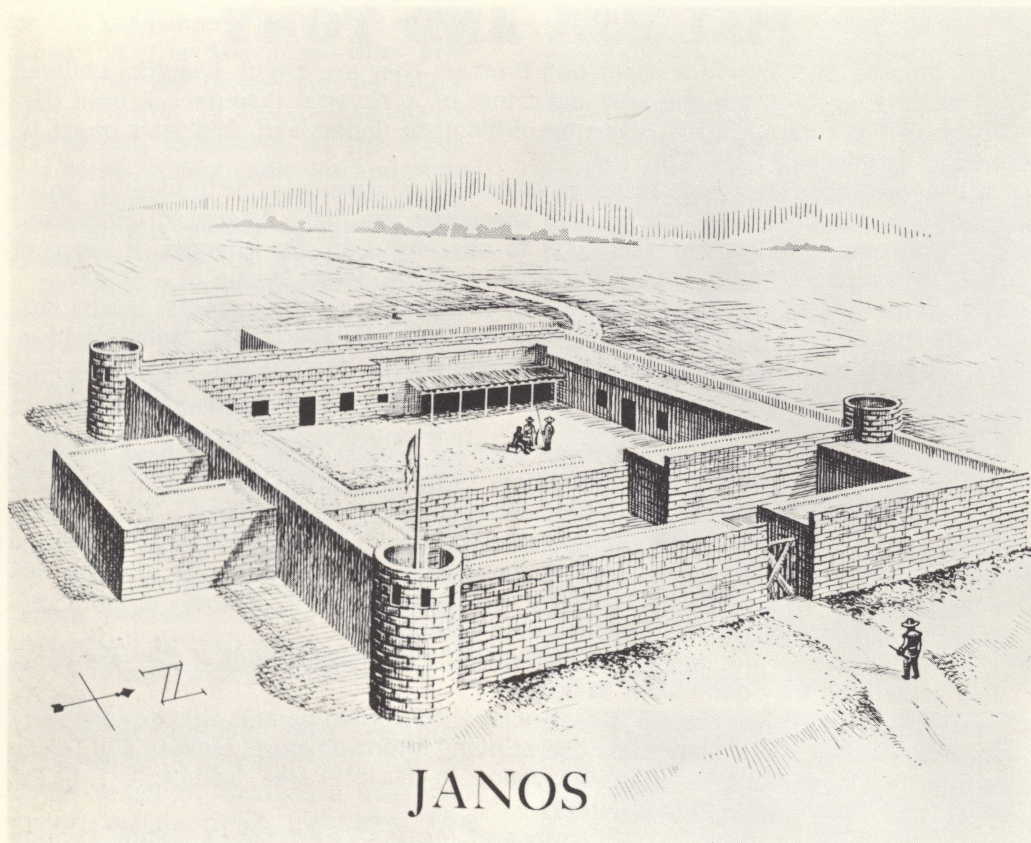
The evaluation are then made, based on the test scores. Dr. Williams finds that Tony hears normally with his hearing aid, understands 75% of what he hears, is a little behind in his vocabulary, and has good speech articulation.

Although Melissa's tests are as yet incomplete, it is clear that she needs speech therapy. Dr. Williams recommends speech therapy for both children during the spring semester. (Therapy will be offered for 12-week sessions during the long terms, five-week sessions during the summer terms. Cases needing extensions will be subject to re-evaluation.)

It has taken more than 90 minutes to test and evaluate Melissa and Tony's cases. But in such a specialized area of study, care and patience take precedence over time.

—JS





JANOS

The Presidio of Janos, as it appeared in the 18th century.

THE JANOS HISTORY JINX

by Dale L. Walker

4 There are hundreds of rolls of microfilm in the U.T. El Paso Library, row after row of rolls of film in long file drawers, saving space. There are archives from Juarez from the 18th century to 1900, and from Parral, 1631-1821. There are films of the El Paso Times and Herald-Post, 1884 to the present; the Edinburgh Review from the 1820's; the New Orleans Picayune, 1837-1921; the London Times, 1785 to the present; the New York Times, 1851 to the present; and many other important research holdings.

Most of the film and its priceless cargo of information was obtained without much difficulty or fanfare. Except for 37 rolls.

The 37 rolls are different. Not that there was any fanfare but there was a heap of trouble and looking back on it now, University Archivist Leon C. Metz talks in terms of a jinx, a jinx reminiscent on a small scale at least, of that attached to King Tutankhamen's Tomb or the Hope Diamond.

Men are said to have died because of Tut's Tomb and the Hope Diamond, however, and because of the 37 rolls of microfilm, all that died was a gasoline engine—and a horse.

It all started . . .

In the 17th Century, well over a hundred years after Hernan Cortez landed

at Vera Cruz and marked the beginning of the Spanish colonial period in Mexico, columns of Spanish soldiers moved northward in the territory they called New Spain to explore the upper reaches of their domain—a vast area stretching from Guatemala to present-day California with New Mexico and Texas in between. Along the northern frontier the Spaniards encountered “mobile savages” — Comanches and Apaches, in particular — who had no desire whatever for Christian doctrine, agricultural pursuits and the other elements of “civilization” the intruders were spreading as they marched north.

The Indians were so recalcitrant and unmanageable, in fact, that the Spanish decided to protect the northern frontier from depredations by them. At first there was no specific master plan or overall strategy in the building of presidios or forts along northern New Spain, only the notion of defense against the barbarians whose presence presented imminent danger to settlers, priests and soldiers alike.

Most of the presidios were forlorn, lonely outposts where duty was interminably wearisome and tedious, the weather incessantly hot, the scenery a panorama of desolation and a constant reminder that the post stood on a hellish desert somewhere close to the end of the world.

In 1763 after Spain acquired the

Louisiana Territory from France, measures were taken to shore up these northern defenses to further prevent Indian penetrations into the interior of New Spain and to act as a buffer against possible foreign encroachments. In 1772, Charles III of Spain issued his Royal Regulations governing the northern defense posts and in this document he described the cordon of 15 presidios to stretch across the frontier from the Gulf of California to the Gulf of Mexico. West to east they were named Altar, Tubac (later Tucson was added), Terrenate, Fronteras, Janos, San Buenaventura, Paso del Norte (present day Juarez), Guajoquilla, Julimes, Cerro Gordo, San Saba, Santa Rosa, Monclova, San Juan Bautista, and Bahia del Espiritu Santo.

Janos, as the King singled out in his Regulations, was a very important presidio—“one of the most important and whose position is very opportune to cut the passage of the Gileño Apaches that infest Sonora and Nueva Vizcaya,” he wrote.

In early 1969, a “consortium” or association of Texas universities was established to preserve the documents and records of history in Mexico. Besides the University of Texas at El Paso, participants in the consortium include U.T. Austin, U.T. Arlington, Trinity Uni-



Janos and the Iglesia Sagrado Corazon.

versity, St. Mary's University, Texas Christian University, North Texas State University, and the University of Houston. Many other state schools and universities are preparing to join. Leon Metz, U.T. El Paso archivist, is vice-president of the group and says its fundamental purpose is to microfilm Mexican archives. U.T. El Paso's role, he says, is the microfilming of significant papers in such places as Chihuahua, Durango, Sonora and, beginning in February, 1970, in the state of Michoacan.

First, however, Metz and Dr. W. H. Timmons, U.T. El Paso history professor and expert in Mexican history (he is author of the book **Morelos of Mexico** among many works), decided to check the records in a former Chihuahua defense post some 350 miles southwest of El Paso. Frank Scott, the University's Periodical Librarian, went along to act as interpreter and to help translate documents. It was in mid-May, 1969, that Metz, Dr. Timmons, and Scott went to Janos.

Janos was actually founded in 1690 and became a part of the northern cordon of presidios some time later. During the Spanish colonization of Mexico it was staffed with about 40 soldiers—never more than 150—, a chaplain, and 10 native scouts. Its history before 1821 when Mexico won independence

from Spain, was unremarkable except for its day-to-day operations against Apache Indians and as a loyal outpost in Charles III's defense line in northern New Spain.

In 1835, by an ironic twist, Janos and Chihuahua City entered into a treaty with the Apaches by which the Indians (whose depredations caused the presidio to be built in the first place) could enter the presidio, trade, and not be molested. What the Apaches really were doing was raiding settlements in Sonora, stealing horses and bringing them to Janos to trade. The treaty was effectively destroyed not long after it was negotiated when a band of soldiers from Sonora struck Janos and massacred 15 Indians.

At about this time, the famous scalp-hunter James Kirker became a familiar figure in Janos and elsewhere in Chihuahua, under hire as he was by the government of the state to kill Apaches. Kirker, with his 30 or so Delaware Indians, tracked and killed Apaches for the Chihuahua government but was reputed to have lifted both Indian and Mexican hair to raise his ante. Kirker used Janos as a sort of base for his grisly operations until the Mexican War began in 1846 and he joined the Doniphan Expedition as a guide.

Janos was again somewhat famous in the latter quarter of the 19th century when Geronimo's name came to the

forefront of Southwestern Indian history. The Apache war chief and his band hid and were often hunted in the vicinity of Janos and the post figured significantly in Geronimo's waning days until his capture in 1886.

By the time of Geronimo's surrender, Janos' long day in the sun was ending and it receded into the background and almost—but not quite—disappeared like the other presidios of Charles III's grandiose defense scheme.

When Leon Metz, Frank Scott, and Dr. W. H. Timmons drove to Janos in May, 1969, they were looking for a missing "pocket" of archives of great importance to historians. In the 300 years since its founding, Janos had accumulated a large number of significant papers. Unfortunately, most of them had already disappeared by one method or another (usually purchase or theft), and had turned up in various institutions throughout the world, mostly in the United States. The three men did not know if the remaining records were still in Janos, or if they were lost or destroyed.

First the University men had inquiries at the Janos Municipal building, but the records there did not date before 1903. They spoke with the village Secretariat and the Presidente. Everyone was courteous but of no help.

As a final thought, the three men inquired about possible records in the church. Village officials shrugged, obtained some keys for the large, wooden doors of the Iglesia Sagrado Corazon and everyone went inside. In the vestry, locked in a rough, hand-made wooden wall cupboard, were approximately 28 linear feet of dusty, uneven stacks of paper, bundled and tied. "The earliest records we found," Metz says, "went back to about 1721. They were skimpy in this period though and started becoming heavier in the period of about 1800 to 1850. About 80 per cent of the documents dealt with details of military garrison life at the presidio, details of battles against the Apache, bookkeeping, and similar things. It was exactly what we were looking for."

Janos today is a little Mexican pueblo lying about 150 miles southwest of El Paso as the crow flies and 350 miles by paved road. It has no electricity, no gas, no telephones, no piped-in water, and no other noticeable conveniences. When you visit Janos you stay in Casas Grandes if you insist on modern sleeping arrangements and you commute by car on a narrow, straight-as-an-arrow asphalt road between the two towns. Janos has a population of about 350 with many others living in out-lying areas.

The University of Texas at El Paso offered the people of Janos (specifically the Church of the Sacred Heart) \$100 in American currency for permission to microfilm their archives. The offer was accepted immediately, and all the local officials gave their permission for work to begin. (In Mexico, even church records belong to the state.) All that was lacking was the permission of Padre Julio Tinoco, a Priest who was stationed in Ascencion, 20 miles down a dirt road, who came to Janos once a week to conduct services. His permission was not absolutely necessary, but the University men, as well as Janos officials, thought it should be obtained — as a gesture. Unfortunately, the priest was not in when the travelers arrived.

In July, Leon Metz and Frank Scott returned to Janos and then went on to Ascencion. This time they found the priest in his parish and his permission to microfilm the papers was cordially given.

With the appropriate permissions now received (reinforced by a permit from the government in Mexico City), Metz, completely unfamiliar with the microfilming process, estimated that it would take about five rolls of film and three days of work to do the job. Southwest Microfilm of El Paso handled the contract and in late July, 1969, Metz, two student assistants—Salvador Sandoval and David Salazar, plus Southwest Microfilm technician Roger Flores,

set out for Janos. Metz was to supervise the work, Salazar and Sandoval to put the papers in chronological order, and Flores to do the filming.

If the papers had been accursed, like Tut's Tomb, there might have been an excuse at least for the series of disasters that dogged the footsteps of the well-intentioned archives man and his helpers.

First of all, since Janos has no telephone and mail delivery is often erratic, the four men arrived in town unexpectedly. Since Metz has guessed that the work could be completed in three days (and Flores had not yet seen the papers himself), he gave himself and the others just three and a half days to complete the sorting and filming. Also, figuring he might just be a trifle off as to the amount of film it would take, Metz took 10 rolls of film, twice as many as he figured he needed.

(In all the job finally took nearly 14 days and consumed 37 rolls of film.)

By previous arrangement it was agreed that someone from Janos would watch the microfilming project, a stipulation of benefit to both the archives men and the citizens of the town. But, upon their arrival in Janos, a woman who kept the keys to the church refused to let the filming team inside. There was no one to act as witness.

The following day everyone was permitted inside and in a short time the five rolls of microfilm were quickly consumed—along with the other five taken along as spares. The work still was only about one-fourth completed. There was nothing left to do except return to El Paso for more film.

It was a month before the four men could return (with a plentiful supply of film) and although the custodians of the church seemed nervous and apprehensive, they allowed the archives team inside.

The nervousness, it was soon learned, stemmed from the time during the earlier visit when an unidentified Janos resident wandered into the church where Salazar and Sandoval were busily sorting out the papers on the pews. A few pleasant bits of conversation were exchanged, the man inquired as to what was happening, and wandered on his way. He did not ask to see the microfilming.

On August 3, 1969, a sleazy journal called *Extra*, printed in Juarez, contained the following headline:

TURISTAS Y EXTRANJEROS DESTRUYEN UN ARCHIVO

(Tourists and Foreigners Destroy an Archives). The newspaper story stated that many documents from the Janos church had been stolen in years past and that anyone calling himself a pro-

fessor or an investigator, "especially *gringos*," the article said, were permitted to examine the papers in the little church. (Both Salazar and Sandoval said this was the first time they had ever been referred to as *gringos*.) The article called for better protection for the papers and assurance that none of them would be removed from the church.

Fortunately the microfilmers had been closely watched on the preceding trip and there was no danger of the group's being singled out for suspicion. Still the article's imputation was crystal clear and presented Metz and his crew with what is commonly called a "public relations problem."

In Casas Grandes that night, the day's events nagging him, Metz worked up a plan. The issue was to get the people of Janos involved in the project so that they would know what was going on and would regard it without suspicion. Up to this point, visitors had been welcome to observe the filming but the church had been closed so that the camera lights could be properly adjusted. It was time, Metz thought, to open the church and start some guided tours.

School children were especially welcomed since they commonly talk to their parents about their school day. At 9 a.m. on a Friday morning, approximately 250 Janos youngsters were trooped down to the church to see the microfilming project.

Problems entered with the kids. The room where the microfilming was being done was small—too small to accommodate over ten or twelve children at a time. It was decided it would be more practical to lead the children inside the church, sit them on the pews, and explain the filming process to them there. This was done with Metz talking and David Salazar translating. Then, a half-dozen at a time, the children formed ranks and marched through the camera room where they were shown the film, the lights, the camera—the works. It worked well.

Someone up there who keeps an eye on such things kept the power generator running until the last child had passed through the camera room. (Since there was no electricity anywhere in town, the church furnished a gasoline generator that provided electric power for the camera and lights.) At any rate, the last child had barely left the church when the generator suddenly quit. The microfilmers field-stripped it on the spot and found a broken piston-rod. It was determined the generator could not be fixed in Janos and would have to be taken to Casas Grandes. No parts were available in Casas Grandes, however, and the men returned to El Paso for the piston-rod. The round trip took the remainder of Friday. All of Saturday was



The Janos archives.

Photos by Leon C. Metz

devoted to grinding the rod shaft and assembling the parts.

Other delays ensued and it was September before Metz and Roger Flores of Southwest Microfilm finally returned to Janos to finish the job. The two began filming on a Friday and worked 12 hours under the blazing lights. On Saturday, commuting from Casas Grandes, the same process was repeated. The only untoward incident was the matter of the buzzard that divebombed the car windshield early that morning as they traveled to Janos. The window did not break but it badly shook the two men, besides scattering feathers and bird entrails all over the car and countryside. It was a forewarning of things yet to come.

Early that Saturday night, an hour or so after dark, Metz and Flores climbed into the car for the drive back to Casas Grandes. With only a couple more hours work remaining, the microfilming equipment was left in the church. As the two

cruised down the darkly deserted road, the speedometer gradually eased up to near 70. Suddenly, out of the darkness loomed a horse-drawn cart — a *shape*, actually, since neither man identified it as such until after the collision—headed toward Casas Grandes and having no lights or reflectors. Although the brakes were slammed on before the impact, the cart struck the car at nearly full force and wood, wheels, cart, driver and horse were thrown in every direction. Metz dived into the seat before impact but knew he could not survive the crash. The next split second proved him wrong and Flores said he was OK too. In the background the horse was screaming and, as the two men climbed out of the car, the cart was still rolling crazily down the embankment. The horse bellowed again and again, lashed out with its hooves and died in a spasm of pain. The cart driver, miraculously, was found breathing—though unconscious.

A passing car took the injured man to the hospital in Casas Grandes where he recovered. His expenses were born by the Southwest Microfilm Company. Metz and Flores then had a narrow escape with the Mexican police. Fortunately Flores, born and raised in the Janos area, knew the family of the injured man and charges were not pressed. Other than a 500 peso fine (\$40), there were no further legal proceedings.

Everyone knew by now that the Janos microfilming project had to be jinxed but Metz and Flores were stubbornly determined to finish it. Early the next morning—Sunday—they returned to Janos by taxi and quickly finished the job.

All together, there are 37 rolls of microfilm on the Janos archives now safely stored in the U.T. El Paso Library along with the hundreds of other rolls of film in long file drawers, saving space.

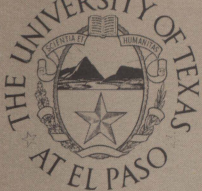
ADDRESS TO A CANNON

by Edgar Simmons

To do you homage we will bury you in sunshine,
Festoon your tarred mouth with a smoky web:
Silent frigate frozen to park greens
Where snowy nurses traffick among black prams.
Bird claws shall serve you as flintlock and
Children fly round you, dusty battalions;
Raindrops on your nickle plate will be as tears
And bus fumes and thunderclouds wrap you as smoke.

If then you squawk or ever again bray fire
We'll bear you as legend to the awesome black pit
Of Fingal's cave in cold Scottish isles
With bats for your banners, toads tootling buglers
And, gladly,
Gray moles and dark rivers to sound your tattoo.

*Edgar Simmons teaches English and creative writing at U.T. El Paso. A native of Natchez, Miss., he joined the El Paso faculty in 1966. He is a widely-published poet and his third book of poems, **Driving to Biloxi**, received the Vortman Poetry Award of the Texas Institute of Letters in 1969 and placed among the final poetry volumes in the judging for the National Book Award the same year.*



CONTRIBUTIONS REPORT

1969 GIFTS TO THE UNIVERSITY OF TEXAS AT EL PASO

\$481,235 RECEIVED IN 1969

Friends were generous to The University of Texas at El Paso in 1969. They contributed \$387,989 to strengthen its academic programs, the highest amount in recent years. Combined with their contributions to intercollegiate athletics, their gifts to the University during calendar 1969 totaled \$481,235, a substantial increase over the previous year.

This report of a sharp upsurge in contributions was made to President Joseph R. Smiley by William B. Hardie, chairman of the Advisory Council to the University. The Advisory Council is a citizens group responsible for overseeing all programs for the advancement of understanding and support of The University of Texas at El Paso and all fund-raising committees are appointed, assisted and coordinated by the Advisory Council.

"Contributions to the University in 1969 must be reported and reviewed in terms other than statistics," Mr. Hardie stated. "These gifts represent books, scholarships, research and equipment—the very lifeblood of the University. Without these gifts, U. T. El Paso would not and could not grow in strength and in stature as it has and as it will."

The gifts reported in the annual report were of many kinds and they were for many purposes. The most impressive figure, and the largest, was that of gifts of cash and securities. Here a total of 2,084 gifts were received, totaling \$327,200, an increase of more than \$60,000 over 1968.

Cash and securities contributions were for purposes that ranged from the unrestricted—\$72,924, and perhaps the most valuable of all gifts because of their flexibility—to scholarships and student loans (\$100,911).

These two areas, President Smiley pointed out, vividly illustrate the importance of contributions to the University. "There are many areas where sufficient public funds simply are not available at the right time for the right purpose," he stated. "During the course of every year this University has several opportunities for significant accomplishment by the expenditure of a relatively few thousands of dollars. If gift funds are available for these unanticipated opportunities, the University advances the more rapidly and its gains are felt everywhere and immediately."

In contrast to the "unanticipated opportunities" referred to by the President, one area annually receives a substantial portion of the resources provided by generous donors. Dr.



CORPORATE GIFTS INCREASE—Chairman George V. Janzen (left) of the Corporate Gifts Division presents to Advisory Council Chairman William B. Hardie a report of a substantial increase in business gifts to U. T. El Paso. Business firms gave \$72,000 in support of the University's academic programs in 1969.

Smiley noted that thousands of books and valuable documents were contributed to the Library, and that thousands of dollars in unrestricted gift funds were allocated to the Library for additional purchases. "We must continue to strengthen our Library," he emphasized, "for we cannot become a distinguished University until we have a Library that is equal to the enormous requirements of a modern university."

In acknowledging Mr. Hardie's report, President Smiley paid generous tribute to the hundreds of volunteers who worked for the University's advancement. These included business and professional men, teachers, housewives and students. Many were alumni, and many were friends who have an abiding interest in the University and its community. All worked to strengthen the University, and most of them contributed funds as well as time and leadership.

Dr. Smiley pointed out that contributions by alumni were especially encouraging in 1969. The Alumni Gifts Committee, headed by Hughes Butterworth, Jr. ('54), reported gifts of more than \$52,000, a substantial increase over the record figure for 1968.

Corporate gifts, under the direction of George V. Janzen, also experienced a substantial growth. There

were 100 gifts for \$72,000, well above the 1968 figure.

The President's Associates, organized in 1969 under the chairmanship of H. D. Fulwiler, had a most impressive beginning. Each member contributed \$500 or more to the University. "I predict that 1970 will be a year of substantial growth for this organization, which will have a close liaison with the presidency," said Mr. Hardie.

Still another area of development is the Deferred Gifts Committee, which is undertaking a long-range program in the area of Estate Planning. Its chairman is Attorney Robert B. Goodman, and its impact upon the future of the University quite possibly will be greater than that of any other committee, Mr. Hardie noted.

In reflection on the accomplishments of the past year, Mr. Hardie stated that the University and its friends "can look back only for a moment, for in 1970 we must build upon the accomplishments of 1969."

"There is a time for appreciation and for a feeling of accomplishment in work well done," he said, "But to know what we must do, we have only to look at other universities, where gifts funds are provided in millions and where public funds are much more abundant than at U.T. El Paso. We have moved forward, but we cannot stop."

THE ADVISORY COUNCIL

Five new members have been appointed to the Advisory Council of The University of Texas at El Paso, Chairman William B. Hardie has announced.

The new appointees were nominated by President Joseph R. Smiley, and appointed to the 23-member council by Chancellor Harry H. Ransom of The University of Texas System.

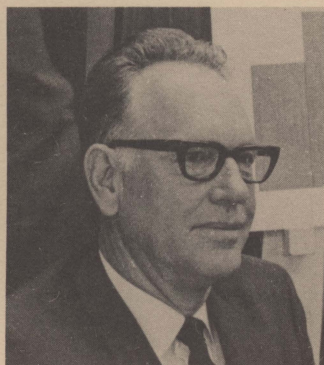
The new members of the Council are George V. Janzen, Ted Karam, James Killorin, Richard G. Miller and Sam D. Young, Jr.

Three members of the Council were re-appointed to three-year terms. They are H. M. Daugherty, William F. Farah, and Richard H. Feuille.

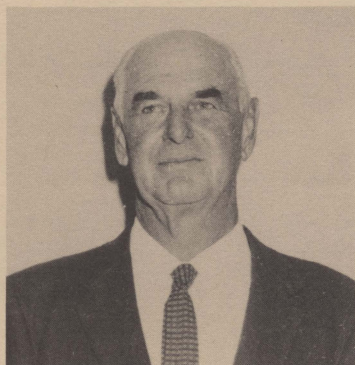
Members who are retiring from the Advisory Council, having completed their terms, are Jack V. Curlin, Abner S. Lipscomb, J. Francis Morgan, R. S. Murray, Jr., and Sam D. Young.

President Smiley expressed his appreciation to retiring members of the Advisory Council and all who served in 1969 saying, "The University of Texas at El Paso is indebted to all these men for their many contributions to the advancement of our University."

He expressed his appreciation to the new members "for consenting to devote their efforts to an organization which is close to the central purpose of our institution, and which is dedicated to strengthening every program which will enrich this University and its community."



WILLIAM B. HARDIE
Chairman



LEWIS K. THOMPSON
Vice-Chairman

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CORPORATE CONTRIBUTORS TO U. T. EL PASO

Gifts by corporations and their foundations continued to increase in 1969. Contributing business firms numbered 100 and their gifts totaled \$72,000.

Following are firms which contributed in cash and securities to the University in 1969. **Business Associates** are firms that contributed \$1,000 or more. **Business Patrons** gave in the range between \$500 and \$999; gifts by **Business Sponsors** ranged from \$250 to \$499, while **Business Contributors** gave between \$100 and \$250.

BUSINESS ASSOCIATES

American Airlines
American Metal Climax
American Smelting and Refining Co.
ARMCO
Border Steel Rolling Mills
Chicago Bridge and Iron Co.
El Paso Natural Gas
El Paso National Bank
El Paso Electric Co.
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Southwest National Bank
Southern Union Gas Co.
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First State Bank
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Triangle Electric Supply Co.
Vowell Material Co.
Whyburn & Co.
Whitfield Transportation
Prudential Insurance Co.

BUSINESS CONTRIBUTORS

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Architectural Products Co.
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Humble Oil Co.
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Texas Sales Co.
George S. Thomson Co.
Todaro, Stoner and Co.
Wholesome Dairy, Inc.
Arthur Young & Co.

GIFTS BY INDIVIDUALS AND PRIVATE FOUNDATIONS

The University received generous contributions from many friends and private foundations in 1969. Here are listed gifts of \$100 or more by individuals, other than alumni, and contributions by private foundations. These gifts were for many purposes, including memorials, scholarships, and the Excellence Fund. Contributions by the donors listed below totaled \$55,895, a significant addition to the University's resources.

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THE PRESIDENT'S ASSOCIATES

The President's Associates is a relatively new organization, yet is one which holds great promise for the advancement of The University of Texas at El Paso. Its chairman H. D. Fulwiler and its vice-chairman is Richard N. Azar.

The purposes of the President's Associates as described by Chairman Fulwiler are:

1. To stimulate active interest and to encourage participation of friends and alumni in the progress of the University.
2. To establish an exemplary pattern of substantial giving to the University by friends and alumni.
3. To sponsor meetings of its members to which University representatives will be invited to discuss the plans, problems, opportunities and objectives of the University.
4. To provide recognition to the distinguished men and women who become its members.

The President's Associates was established by the Advisory Council upon recommendation of the President and with the endorsement of the Chancellor of The University of Texas System. Membership is by invitation, and members contribute \$500 per year in support of the University's academic programs. Each gift must be the personal contribution of the member, rather than his corporation for, Mr. Fulwiler explained, "we are attempting to enlist distinguished men and women who will demonstrate their personal interest in the development of our University."

OFFICERS AND DIRECTORS

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RICHARD N. AZAR
Vice-Chairman

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HEAD PRESIDENT'S ASSOCIATES—H. D. Fulwiler (left) and Richard N. Azar helped organize the President's Associates in 1969, and will continue to serve as chairman and vice-chairman, respectively, in 1970.



A JOB WELL DONE—President Joseph R. Smiley (right), expresses the University's appreciation to Hughes Butterworth, Jr., for his exceptionally effective leadership in the area of alumni contributions in 1969. Alumni gifts to U.T. El Paso increased by 65 per cent.

THE ALUMNI FUND

One year ago, a **NOVA** article described Hughes Butterworth, Jr., then assuming the chairmanship of the 1969 Alumni Fund, as "an optimist."

Butterworth had then served as vice-chairman of the 1968 Alumni Fund, and had played a prominent role in helping it to far outstrip its goal of a 25 per cent increase. The 1968 total of almost \$32,000 was more than 50 per cent above the previous year.

Upon embarking upon the 1969 alumni giving program, Butterworth projected a total of \$37,000. He was far too modest. Alumni giving, for all academic (non-athletic) purposes in 1969 totaled \$52,121.15, far above even Butterworth's expectations. The substantial figure included two large memorial gifts (described elsewhere in this **NOVA**), but other contributions were more numerous and larger than ever before.

The statistics of alumni contributions for 1969 are impressive. There were 1,481 gifts, and the average gift increased to \$35.20.

The contributions from alumni were for many purposes: they were given for scholarships, for The Library, for faculty recruitment, and for teaching improvement. Some alumni earmarked their gifts for their major department (Engineers and Geologists even used the long distance telephone to solicit gifts for their departments). Many alumni contributed to memorial funds for friends or family members.

The sum of their contributions was impressive, and the results of their giving will be felt immediately throughout the University.

1969 ALUMNI FUND OFFICERS

Chairman

Hughes Butterworth, Jr. ('54)

Vice-Chairmen

Dr. R. A. D. Morton, Jr. ('50-'53),

W. Nelson Martin ('61), Robert C. Heasley ('53)

1969 ALUMNI FUND OFFICERS

Chairman

Hughes Butterworth, Jr. ('54)

Vice-Chairmen

Dr. R. A. D. Morton, Jr. ('50-'53),
W. Nelson Martin ('61), Robert C. Heasley ('53)

Chairman

Vice-Chairmen

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W. Nelson Martin ('61), Robert C. Heasley ('53)

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43 Donors for \$1,152
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General Electric
John Hancock Mutual
Insurance Company
Mobil Oil Corp.
Phelps Dodge
Prudential Insurance
Company
Singer Company
Tenneco
Arthur Young & Co.



PROFESSIONAL DIVISIONS

DIVISION	CHAIRMAN	1968	1969
Dentists	Dr. Dan Roberts	\$ 945	\$1,305
Physicians	Dr. Edward Egbert	\$1,225	\$3,123
Lawyers	Donald Leslie	\$1,570	\$2,233
Faculty/Staff	Dr. John Brient	\$1,348	\$1,421

THE MATRIX SOCIETY

Dr. Gordon Black, who helped organize the Matrix Society, has stepped down after placing that organization of leading alumni contributors on a solid footing.

Dr. Black ('40), was one of a small group of distinguished alumni who met in 1968 to discuss methods of giving greater recognition to alumni who are leaders in support of the University's academic advancement. From that meeting came the Matrix Society, a group of men and women determined not only to provide more abundant resources for the University, but to effect closer ties between the University and those who are committed to its growth and strength.

In 1969, the Matrix Society grew from 93 members to 124, and its alumni contributed \$32,857. Its members met in small groups with the President, vice-presidents, and deans, and more such meetings are projected this year.

1969 MEMBERS OF THE SOCIETY

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Paul Carlton ('40), vice-chairman of the Society for the past two years, was elected to the chairmanship of the Society for 1970, and Robert F. Echlin ('37-'41) was elected vice-chairman. As Dr. Black emphasized, "the Matrix Society will be in good hands."

THE EXECUTIVE COMMITTEE

Dr. Gordon L. Black, *Chairman*

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Irwin Brand
Paul H. Carlton
Robert F. Echlin
Dr. Edward Egbert
Leonard A. Goodman, Jr.

Mrs. J. Leighton Green, Jr.
Mrs. Bunn D. Hale
Robert C. Heasley
Daniel B. McKinney, Jr.
Dr. Dan O. Roberts
Jack Vowell, Jr.

Hughes Butterworth, Jr., *Ex-officio*



MATRIX SOCIETY LEADERS—Paul Carlton (left) has been elected chairman of the Matrix Society, after having served as vice-chairman this past year. He succeeds Dr. Gordon Black (right). Newly-elected vice-chairman of the Society is Robert F. Echlin (center).

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2 Mrs. Louise N. Snyder
Dr. Alexander B. Spencer
2 Mr. W. E. Stromberg
Mr. and Mrs. W. G. Sullivan
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The University received many memorial contributions in 1969. Some contributions purchased books in memory of a friend or relative; some created permanent memorial funds for scholarships, or for the Library, or for some other purpose. All were gratefully received, and the names of all persons in whose honor these thoughtful and meaningful gifts were made, are a part of The University of Texas at El Paso.

One gift was sent "to purchase one book" in memory of an alumnus . . . and the Library now has that book with bookplate identifying it as a memorial to the alumnus. Another gift established a permanent library memorial fund "to purchase one or more books each year" as a memorial. And so, for all the years to come, books will be purchased from that endowment and in memory of the deceased person. Another gift created a permanent scholarship fund which will assist a deserving student from this day forward . . .

All of these gifts serve a useful purpose, and they will continue to do so in the years of the future.

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THE LADY IN THE HALL OF THE HORSEMEN

SHEILA M. OHLENDORF ('41)

by Noreen Ross

A whip-slender, softspoken woman with crisply curling gray hair and a passionate love of horses, is curator of the Tinker Collection at U.T. Austin's Hall of the Horsemen of the Americas.

She is Sheila Macfarlane Ohlendorf, 1941 language graduate of the Texas College of Mines. Her mastery of languages, her abiding interest in horses and the international flavor of her life all combine to make her the ideal choice to preside over the special room built to house Dr. Edward Larocque Tinker's famous collection of books, pictures and gear of cowboys, charros and gauchos known as the Hall of the Horsemen of the Americas.

Dr. Tinker, who died in 1968, was a noted Latin Americanist who deeply believed that similarities are more important than differences among nations and that the freedom and future of North and South America depend upon their mutual friendship. In establishing his foundation, it was his hope that the collection would appeal to the imagination of students, stimulate their interest in Latin America, and inspire them to study Spanish and pursue research on Latin American subjects. Dr. Tinker felt strongly that a bridge between the Americas could be built on the strong life-style similarities between the gaucho of the Pampas and the cowboy of the American West.

Dr. Tinker was convinced that a single, person-to-person act of friendship across national boundaries, had far-reaching and cumulative effects. Mrs. Ohlendorf shares that conviction and when visited in her office on the fourth floor of the Academic Center at U.T. Austin, cited an example of the ways in which, through the collection, she helps to implement Dr. Tinker's beliefs.

She spoke with great warmth and admiration of a young Venezuelan who arrived on the U.T. Austin campus five years ago, unable to speak a word of English and with little or no financial support. One can only guess at the superhuman effort involved in those five years — but he has earned a B.A. degree, is now working toward a master's in economics and has completely supported himself in the doing. Last summer, he went to the Rio Grande Valley to do volunteer service among the underprivileged there and this fall, Mrs. Ohlendorf has arranged for the secretary at the Tinker Collection to type his master's thesis. Surely these are some of the personal bridges of friendship that Dr. Tinker felt were so meaningful between people and nations.

Mrs. Ohlendorf was born in El Paso, the daughter of a mining engineer. Her father's work took him to Mexico and she spent her early years in and around mining camps there. It was at that young age, when she spent long and happy hours riding over the Mexican countryside, that she formed her love of horses and riding.

At 13, she was sent to Scotland where she spent four years at St. Trinneans Boarding School in Edinburgh. Upon her return to El Paso, she enrolled at the then Texas College of Mines and Metallurgy—and she remembers vividly her first day in class. When the professor entered the classroom, she leaped to her feet and stood at attention as she had been taught to do in Scotland, only to find that she was standing in a sea of startled faces. The professor was brusque, but understanding. He said flatly:

"European educated. Forget it. Sit down."

Sheila made the adjustment quickly, and while in college was a member of Zeta Tau Alpha sorority and the pep squad known as "The Goldiggers." It took her just three years to earn a B.A. and when she graduated with the class of 1941, she was completely bilingual in Spanish and English, and also had an extensive knowledge of French. Her father's work took him to the Bahamas at that time and the young graduate went along. She worked as secretary to a barrister in Nassau, and became friendly with the family of Sir Harry Oakes, who later was murdered in one of the great unsolved crimes of the 1940's. Sir Harry kept a fine stable and Sheila was allowed free access to it. Once again, there were long, happy hours on horseback—this time around the island and its beaches.

When she left the Bahamas in 1942, it was to become a lieutenant, junior grade, in the U.S. Naval Reserve. She served the major portion of her time in active service as an aid traffic duty officer at the Pensacola Naval Air Base in Florida. After she was released from active duty in 1946, she joined the Foreign Service and was posted at various times to Guatemala, Nicaragua and Torreon, Mexico. She was married in 1951 to Walter Ohlendorf who grew cotton, wheat and grapes on his farm outside Torreon.

Sheila taught for two years in the American school during the 16 years the Ohlendorns remained in Torreon, but the high point of her life during that time was her special association with the Mexican cavalry. One September 16, while attending a Mexican independence day parade, her attention was drawn to a particularly beautiful and spirited gray horse. She was eager to



Sheila Ohlendorf

(Photo by Frank Armstrong, UT Austin Information Service)

learn more about him; who the owner was, and where such superb creatures were bred. She made inquiry and learned that a certain Colonel don Procopio Ortiz Reyes, Torreon resident and one-time captain of the Mexican equestrian olympic team, was the ultimate authority on the horses of the area.

She went to see him immediately and Colonel Ortiz recognized a fellow expert on the spot. The gray stallion belonged to him, and he was so pleased that Sheila's practiced and appreciative eye had chosen the prize of his stable to admire, that he gave orders to his grooms that Mrs. Ohlendorf be allowed to ride any horse she chose at any time. The young matron was once again riding, and this time, with the troop of Mexican cavalry commanded by Colonel (now General) Ortiz!

Torreon lies 500 miles due south of Juarez and was hard hit by drouth over a prolonged period in the early 1960's. As a result, the Ohlendorfs sold their farm and returned to Texas in 1966. Mr. Ohlendorf is a research assistant at U.T. Austin and Sheila holds her "ideal job" in the Humanities Research Center as curator of the Hall of the Horsemen of the Americas.

Early in her days at U.T. Austin, an interesting request for research came to Mrs. Ohlendorf from famed South African author Stuart Cloete who was working on a book tentatively called "The Horse in War." In working on this project, she came across a Spanish translation of a book in French co-authored by General E. Daumas and the Emir Abd-el-Kader, entitled **The Horses of the Sahara**. She found the book so

fascinating and such a definitive study of the Arabian horse that she decided to do an English translation. Her book, with a foreword by Stuart Cloete, was published in 1968, and it was for this work that she was honored by the Austin professional chapter of Theta Sigma Phi at the annual Texas Writers Round-up, last November 22.

Sheila now has a beautiful bay Arabian horse of her own. His name is Pepe, and almost daily rides are again a part of her life.

The dedication of Mrs. Ohlendorf's book reads:

For General don Procopio Ortiz Reyes, E. E., Mexican Army, who taught me the "art of riding versus the art of winning," with deepest gratitude.

She was an apt pupil of both.

DOWN AMONG THE PICKELHAUBEN: MUSEUM MISFITS

Some things just don't seem to fit in.

What, for instance, does a leg bone from a mammoth, an iron-and-bronze Roman sword and a Sells-Floto Circus and Buffalo Bill Wild West Show poster have in common? Little. They are historical specimens and certainly interesting enough but such things generally wind up in a museum and good museums do not exhibit "curios" unless they fit in to some larger design.

At El Paso Centennial Museum at U.T. El Paso, some 75 per cent of the Museum's holdings are on display on its two main floors. The remaining 25 per cent (some of which make the passage upstairs when they fit in to a current exhibit) crowd the Museum basement. There they are studied, cared for, carefully indexed, stored. Many of the basement treasures (and some are almost literally that), however, are seldom seen. For one thing the appropriate exhibit has not yet been developed for the circus poster or the Sharp's rifle; for another, it takes time and manpower to do the proper research for such exhibits.

Presented here, in photos by Lee Cain, are a few of the choicer *objets historiques*, selected at random, from the nooks and crannies, shelves and vaults in the Museum basement.

Among the unseen holdings not shown are a collection of 19th century

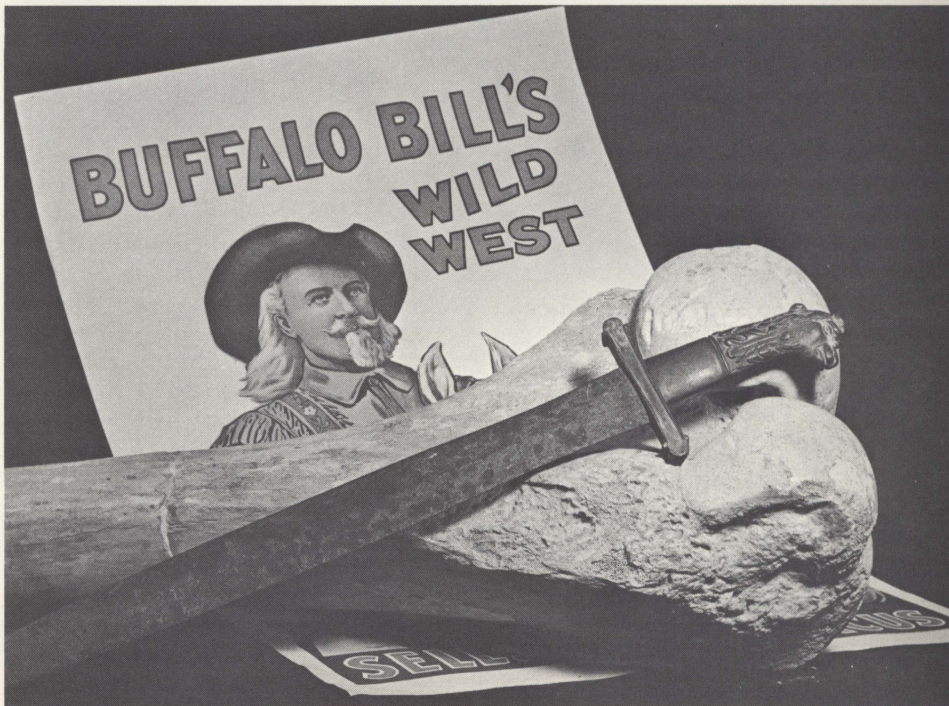
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1 World War I-era German *pickelhauben* (spiked helmets). The spikes can be removed and tassels inserted.

2 A cannon made from freight car axle during the Mexican Revolution, about 1910. On top is a 16-pound cannon ball (for another cannon) and on top of it, a Union Army forage cap, Civil War.

3 Described in text.

THE 'TA': FILLING THE GAP

by Rhoda F. Milnarich

President James A. Garfield once said his view of the ideal college consisted of Mark Hopkins on one end of a log and a student on the other. What the log had to do with it is something of a mystery but presumably Mr. Garfield meant that with an educator like Hopkins, the usual trappings of the college—its buildings, laboratories and classrooms and the like—would be superfluous. The President saw Prof. Hopkins as the quintessential college teacher who needed only one ingredient to fulfill his purpose in life—students.

Today, the "log" college Mr. Garfield spoke of has become a multi-million dollar university—sometimes multiversity—with students numbering in the thousands. In most large universities, the size of classes has grown beyond the ability of the institution to provide enough teachers to work personally with the student.

President Garfield's mental picture of Mark Hopkins was an 1880 ideal. In the 90 years since then, there has been a population explosion—and there are no longer enough Mark Hopkinses to go around.

The situation at The University of Texas at El Paso is no exception. In 1960, for example, when 5,000 students were enrolled at Texas Western College, the Department of History had 11 full-time teachers. Ten years later, over 10,000 students are enrolled at U.T. El Paso and the History Department employs 16 full-time professors—obviously not enough.

A good illustration of the point is History 3101-3102, a required course with an enormous enrollment. The department budget, already stretched to the limit, cannot hire enough professors to offset the growing numbers of students, so the freshman courses are held in rooms large enough to accommodate up to 150 students, with Magoffin Auditorium used for classes as large as 450. The lecture-style courses are taught by a full professor whose only salvation from lack of personal contact with his students, and from complete exhaustion (450 tests are a staggering amount to prepare, administer, read and grade) is the Teaching Assistant.

What is true for the Department of History is true for most departments at U.T. El Paso today: large freshman classes, lectures by a professor, with a TA to handle the multitude of essential but time-consuming details, and to provide the personal contact so necessary but so often lost in the crowd.

The most important fact about TAs is that, with one departmental exception, they do not teach. Parents who fear their sons and daughters are being turned over to "beginners" while experienced professors do research or play golf may be reassured. Even though the class may have 500 students, the teacher in charge is a recognized member of the professional faculty, usually with the Ph.D. degree.

A professor lecturing to 500 students obviously cannot get to know all of them personally nor can he advise them on their academic problems individually. This becomes the duty of the teaching assistant.

At present, U.T. El Paso has 79 TAs in 12 departments. All TAs work with students to a greater or lesser degree but their duties and responsibilities vary, not only from department to department but sometimes within departments. Generally, they do administrative work, assist in research, grade papers, help to prepare and administer tests, and conduct tutorial sessions.

Such sessions consist of small groups of 15 to 25 students who meet at regularly scheduled times in assigned classrooms. Here the TA answers questions and provides personal assistance to the student concerning the course. Tutorial periods are mainly review and question-answer sessions but occasionally the TA, under the guidance of the professor, may present new material.

These sessions are not always compulsory and the TA may find himself speaking to only three or four students. On the days before examinations, however, the room is usually crowded.

None of this means that the student is denied access to the professor. All departments are emphatic in the stress they place on the open door to the professor's office.

In the Departments of Psychology and Chemistry, the TA conducts the laboratory sessions as well as the review classes. In the School of Education, the TA also does research and prepares the visual aids used in the classroom. In addition, the education TAs help to set up and make arrangements for meetings for which the University is often the host.

Only the Department of English has used the TA in a teaching capacity. While the other situations lend themselves to the large lecture hall, English composition classes must be kept small enough to permit each student to receive the personal attention of the teacher. A few TAs assist in large lecture classes for advanced English, but most are assigned two classes of freshman composition with about 25 students in each class. The TA is responsible for his own classroom teaching—preparation, grading, and testing.

All the work by the English Teaching Assistants is done under the close supervision of Prof. Joseph James who



Dr. James W. Whalen, head of the Department of Chemistry, meets with his eight TAs from Taiwan. Counter-clockwise from Dr. Whalen's right are: Patrick Hu, Helen Chien, Tony Lin, Jih-lin Wang, Chun-Hsiung Pan, Bernard Li, Keelung Hong, and Teh Chang Chou.

Dr. Robert L. Stevenson ('36), professor of music at UCLA, is working on a history of American music which, when published, will bring to 14 the number of books he has written. A well-known pianist, he revisited the U.T. El Paso campus a few months ago to give a Chopin concert. Not in chronological order but similar in cultural aspects—**Howard McCord** ('57), native El Pasoan, widely published poet and associate professor of English and humanities at Washington State University was also on campus recently to take part in a Southwest Poets' Conference. His wife **Dora** is also Class of '57; his parents, **Mr. and Mrs. Frank McCord**, attended Texas College of Mines.

Dr. M. D. Hornedo ('31 etc.), City-County health director in El Paso for 16 years, resigned from his position November 1. **George A. Dunaway** ('31) is a consulting geologist in Cushing, Oklahoma. **Jack R. Stitt** ('34 etc.) has been named vice-president of Lubrizol Corporation, largest manufacturer of lubrication additives. And, **Willard C. (Bill) Kimball** ('35 etc.) is an independent landman in Midland, Texas, and a member of the Association of Petroleum Landmen, also a charter member of the Permian Basin Landmen's Association.

Sarah Gregor Critz ('36) is the wife of Lt. Gen. Harry Critz, commanding general of the Fourth Army at Ft. Sam Houston, Texas. And, **Glynn Sparks Elliott** ('38) teaches physical education and Spanish in a Portland, Oregon high school. **Thomas S. Adkins** ('42) is serving a one-year residency in hospital administration at Baptist Medical Center in Little Rock, Arkansas, after which he and his family will return to Hong Kong where he has been a hospital administrator and where he and his wife have served as missionaries for the past ten years.

Jesse Gavaldon ('47) is Chief, Metallurgy Laboratory at McClellan Air Force Base and resides in Carmichael, California. **Hal Gras** ('49) is public relations director of the Arizona-Sonora Desert Museum in Tucson, Arizona. **Lloyd V. Stevens, Jr.** ('49) was recently promoted to District Sales Manager of the El Paso District for Blue Cross—Blue Shield. **Dr. Joseph F. Alderete** ('50) is hospital director of the U.S. Penitentiary Hospital in Atlanta, Georgia, and has received a part-time appointment to the medical faculty of Emory University School of Medicine as clinical instructor of psychiatry. **Ken Abrams** ('50, MA '51) is with Region XIX Education Center in El Paso.

James R. Millican ('51) and his wife **Anna Jane** ('50) are now in Hawaii where he is Deputy Engineer of the Management Division of Engineering in the Pacific Air Force Headquarters at Hickam Field in Honolulu. **Dr. O. W. Albritton** ('51) is a professor of engineering mechanics at Louisiana State University in Baton Rouge and the recent recipient of the Adams Memorial Membership of the American Welding Society. **Col. James D. Thomas** ('51) was one of three members of the Air Defense School's Safeguard Central Training Facility to receive the Joint Services Commendation recently. He is a veteran of World War II and the Vietnam conflict.

Bill Crawford ('52) is Supervisor of Public Relations, Publications and advertising for Globe Universal Sciences, Inc. in Midland, Texas. He is the author of three novels and a non-fiction book. One of the novels, "The Bronco Rider," is set for movie production in 1970. **Penelope Crowson Dunn** ('54 etc.) is residing in Beaverton, Oregon, where she is

a teacher in the Beaverton Public School System.

Henry F. Vasquez ('54) works for the Air Force as an illustrator with the Aerospace Defense Command at Ent Air Force Base in Colorado Springs. **Cline Fraiser** ('55 etc.) is a mechanical engineer with the Manned Spacecraft Center (NASA) in La Porte, Texas. **J. W. Hanley** ('56) is the Ford, Lincoln, Mercury dealer for Hawaii, with offices at exotic-sounding Orchid Isle Auto Center in Hilo.

Back on the mainland, **Gene Hatfield** ('56) has opened offices for law practice in San Mateo, California. **Clyde Dunn** ('56) and his wife **Jeanine** ('58) reside in San Francisco where he works for the Southern Pacific Railroad Company. And in Las Cruces, **Rudolph Sandoval** ('56) has opened Sandoval Dodge Co. In El Paso, **Allen Fred Borenstein** ('56) is a salesman with El Paso Real Estate Investment Trust. And down the road a piece, **Ignacio H. Aguirre** ('56), recently honored by Ysleta High School as Honored Ex, is a senior aerosystem engineer with General Dynamics in Fort Worth.

Capt. John D. Douglass ('57) has received the Air Force Commendation Medal at San Vito Dei Normanni Air Station, Italy, where he is a communications staff officer. And, **Mrs. Chris E. Spyropoulos** ('57) is a research scientist with the Human Resources Research Organization at George Washington University in Alexandria, Virginia. **Leo E. Hardway, Jr.** ('57) is an electrical engineer, has been with the Manned Space Flight Program since its beginning, and recently was one of the recipients of the program's "Snoopy" award presented by astronaut Neil Armstrong at Houston Operations. **George A. Clark, Jr.** ('57) is a commercial and industrial real estate agent in Santa Monica, Calif.

Ray Dutchover ('58) is a bilingual specialist in Santa Barbara, California prior to which he spent five years in Caracas, Venezuela, in a similar capacity. **Salvador "Sal" Ramirez** ('58), now a professor of sociology at the University of Colorado, is engaged in encouraging college education among Colorado Mexican-American high school students. His efforts are being aided by the University's United Mexican-American Students. **Doug Matthews** ('58), operations manager of KIZZ-AM-FM in El Paso, was master of ceremonies for El Paso's 1969-70 Sun Carnival Coronation ceremonies held December 27. **Maj. John Richard Mitchell** ('59) is assigned to the Reserve Officer Training Corps (ROTC) instructor group at St. Bonaventure University in New York.

Robert F. Chesshir ('59) was named Outstanding Engineer of the Year by the El Paso Chapter of the Texas Society of Professional Engineers. He is a project engineer for Parkhill, Smith & Cooper, Inc. of El Paso. **Jose M. Minjares** ('59) is coordinator of federal projects of the Salinas, California Union High School District, and resides with his family in Monterrey. **Humberto Silex, Jr.** ('60 etc.) was recently appointed Administrative Assistant to the Regional Director of the Office of Economic Opportunity (OEO) in Austin. His assignment will cover a five-state region including Texas, New Mexico, Arkansas, Oklahoma, and Louisiana. **Martha Eva Guevara** ('60) recently earned an MA degree in English Literature from the University of Colorado.

Ralph H. Aguirre ('60) is a new staff member of the Family Service of El Paso prior to which he was a caseworker for the Texas Division of Child Welfare in Brownsville, and a social worker for the Bureau of Indian Affairs. **Miguel A. Alvarez** ('61) is a local attorney and was recently named honorary director for El Paso Real Estate Investment Trust. **Mrs. Georgia Russell** ('61) named

Teacher of the Year, 1969, by the Ysleta Classroom Teachers' Association, teaches physical education at Scotsdale Elementary School. **George D. Burgess** ('61) is Assistant Personnel Officer in First Western Bank's Personnel Department in Los Angeles, Calif.

Sam E. Wilcox ('62) is employed by the U.S. Public Health Service as Chief, Dental Service at the Outpatient Clinic in San Juan, Puerto Rico. **Earl Lindgren** ('62) is part owner and design director of El Paso's newest commercial design firm called Business Products and Services, Inc. **Mrs. Craig R. Waters** ('64 etc.) writes that her husband ('62 etc.) is Entertainment Editor for the Courier Post in New Jersey, also drama critic for the southern New Jersey and Philadelphia area. **Kay Porter** ('62) has been awarded a Fellowship by Delta Delta sorority to work on a Ph.D. in educational psychology at the University of Oregon. She has been a research associate at Oregon State University Computer Center since 1967.

William L. Gebler ('63) is an estimator for Fisk Electric Co. **Capt. Warren M. Holdenbach** ('63) is the recipient of the Bronze Star and Air Force Commendation Medals for duty in Southeast Asia. **George Warren Butterworth** ('63) is a new associate of the law firm of Edwards, Belk, Hunter and Kerr. Air Force **Capt. Harvey G. McCain** ('63), previously with the 1974 Communications Group, Udorn, Thailand, is now with the Defense Electronics Supply Center in Dayton, Ohio. Chief Warrant Officer **Robert G. Tippet** ('63 etc.) received the Air Medal, second to 13th awards, for combat missions flown in Vietnam, in recent ceremonies at Ft. Wolters, Texas.

Barry Neil Scheiner ('63 etc.), interior decorator and designer, is owner of Neil's a newly-expanded store in El Paso, specializing in furnishings and decorating services. **John S. Drahan** ('64), until mid-1968 a U.S. Army Infantry Captain in Korea, and Vietnam and the recipient of the Bronze Star and Army Commendation Medal with 1st Oak Leaf Cluster, is now with Travelers Insurance Corporation, computer science field, in El Paso. **State Rep. Tom Niland** ('64) was named Austin High School's Outstanding Ex for 1969. And, **Armando Ortiz** ('64 etc.) has completed four years' service with the U.S. Navy in Alaska where he is serving with the 17th Naval district.

Lt. Shelby L. Allen ('64), a missile launch officer at Grand Forks AFB, N.D., is assigned to a unit of Strategic Air Command. **Norman J. (Joe) Nelson** ('64) is a doctoral candidate in music at the University of Texas at Austin and recently had several of his compositions performed in a recital there in the Music Building Recital Hall. **Capt. Alan Montgomery Hunt** ('64 etc.) recently was named commander of Headquarters Battery, 69th Artillery Group, in Wurzburg, Germany. **James W. Johnson, Jr.** ('65) is chief metallurgist in the W-K-M Valve division of ACF Industries, Inc. in New York. **Louise M. Rapisand** ('65 etc.) is a 2nd Lt. in the Women's Army Corps, having received her commission at the Women's Army Corps Center, Ft. McClellan, Ala. in December.

"Beautiful! That is what we think of NO-VA..." writes **Mrs. Jean McLeod Hall** ('64) and her husband **Leland Hall** ('65) from Lawton Oklahoma, where Mr. Hall is with the Civilian Personnel Office at Ft. Sill and she is a psychological technician at Reynolds Army Hospital. **Frank C. Moltane, Jr.** ('65) is a recent recipient of an M.A. degree from Adams State College of Colorado. **Richard A. Bowhay** ('65) is a Test Engineer for General Dynamics Electronics Division and resides in Chula Vista, Calif. **Silvestre Reyes** ('65 etc.) is a Patrol Inspector in the Del Rio, Texas Border Patrol sector.

News of the Class of '66 includes that of **William R. Mottinger** ('66) who is with the Texas Bank and Trust Company of Dallas. His wife is the former **Sue Glover** ('65). Concerning **Mr. and Mrs. Joe Lewels, Jr.**; she is teaching in a Daleville, Alabama, elementary school, he is a civilian writer for the U. S. Army Aviation Digest at Ft. Rucker and is working toward an MS degree at Troy State University. **Clyde Henry Kelly, Jr.** is employed by the Service Bureau Corporation, a subsidiary of IBM, in the Field Programming Division in El Paso.

More news of the Class of '66: **Capt. Lester W. Grau** recently received the Bronze Star and Purple Heart Medals for service and wounds received in Vietnam. The presentation was made at William Beaumont Hospital where he was a patient. **Capt. William J. Harris** has also returned from Vietnam where he served with the 13th Signal Headquarters, 1st Cavalry Division (Airmobile) and received the Bronze Star and Air Medal. And, **Jerome Alfred Morris** is president of the Better Business Bureau in El Paso.

Reginald D. Hayes ('66) retired from the Army after more than 20 years service and is a representative for the Equitable Life Assurance Society in Raleigh, N. C. **Pvt. John R. Duran** ('66 etc.) is serving with the Army in Germany. **Luther Jones** ('66 etc.) is on the District Attorney's staff in El Paso. And, **Dolores Jenkins** ('66) is a guidance counselor at Wingate High School at Ft. Wingate, New Mexico, a school run by the Bureau of Indian Affairs for Navajo children. **Dan J. Turrentine** ('66) is a customs broker with the firm of Brown-Alcantar-Brown. **Frank R. Rodriguez** ('66), with the Peace Corps in Latin America for two years, was recently in El Paso to recruit volunteers for the Corps. **Sp-4 Richard Shecter** ('67) is assigned to the chemical laboratory of General Testing Activity at Ft. Lee, Virginia.

Marietta Donovan ('66), formerly Marietta Brown, is a member of the special education staff of Philadelphia schools, her husband Thomas is a student in psychology at Temple University. Brothers **Mike Rosales** ('66) and **Carlos Rosales** ('69) are at opposite ends of the country and in diverse occupational fields. Mike is a Captain stationed at Fort Lee, Virginia after service in Vietnam. Carlos is attending the Stanford Medical School in California. **Capt. Lorenzo F. Candelaria** ('67) is chief of the Field Support Branch and chief of the Top Secret Control and Distribution Branch, Intelligence Support Division, Office of the Deputy Chief of Staff for Intelligence Headquarters, stationed in Germany. And, **Pfc. Robert B. Young** ('67 etc.) has been back home in El Paso on recuperative leave after being wounded three times within 36 days in Vietnam. A Marine, he is the recipient of three Purple Heart Medals.

Newest addition to NOVA's collection of odd street names is that of **Douglas B. Manigold** ('67) who lives in Austin, at 907-B Possum Trot—a euphonious blend indeed when coupled with Buzzard Lagoon Drive, the residence in Corralitos, Calif. of former NOVA editor **Doug Early** ('67).

Maryl Brayton Curry ('67), reader's advisor at the El Paso Public Library, is editor of a recently published city directory which she describes as "not like any city directory you

ever saw." A comprehensive compilation of facts and figures about El Paso, it contains innumerable bits of little-known information such as listings of the lighted and unlighted tennis courts in town, how to identify marijuana, names and addresses of city officials, clubs, and lesser-known organizations such as the Old Goats Club. She plans to publish a yearly issue of "El Paso, City of the Mountain Star—A Comprehensive Directory."

William S. Carver III ('68) is employed by Sears, Roebuck in Orange, Texas as management trainee and manager of the Electrical and Housewares Departments. **Lt. (j.g.) Sylvia H. Rojas** ('68) has been named "Miss Combined Federal Campaign 1970" for the Pensacola, Fla. Naval Complex. She is serving as personnel officer of the Naval Air Station at Ellyson Field. **Madeline Prager** ('68) is with Preston Traveling Agency in Dallas as a travel consultant. **Jeri Schuhmann** ('69) is coordinator of Business Development and Advertising for the Del Rio Bank & Trust Company.

2nd Lt. William B. Birdwell ('68) is assigned to Beale AFB, Calif. for flying duty with the 903rd Air Refueling Squadron, a unit of the Strategic Air Command. **Sgt. Jorge C. Munoz** ('69 etc.) is serving as a jet mechanic with the Air Force at a forward base in the Western Pacific where his group recently earned the Outstanding Unit Award. **Capt. Roy E. Kimbrell III** ('68), a Vietnam veteran, is serving as a weather officer at Scott AFB, Illinois. And, **2nd Lt. Carlos E. Rubio** ('69) is assigned to Keesler AFB, Miss. where he is attending an air traffic control officers' course. **Airman Armando G. Gonzalez** ('69) is stationed at Sheppard AFB, Texas where he is training in the communications field.

Arthur G. Peinado ('69), a first year law student at Harvard Law School, recently visited El Paso to inform local Mexican-American high school students of their opportunities in education and to recruit them for such schools as Brandeis, Harvard, MIT, Wellesley, and Radcliffe. **Sp-4 Randolph L. McIver** ('69) is serving as an illustrator in the Defense Information School at Ft. Benjamin Harrison, Indiana. **Stephen R. Chavers** ('69) was sworn in recently as a 2nd Lt. in the Army at Ft. Sill, Oklahoma, with his father, Lt. Col. (ret.) Sidney L. Chavers administering the oath of office. And, **Airman Louis Hakim** ('69) recently graduated from the U.S. Air Force administrative specialist course at Keesler AFB, Miss.

Lambros Karagiaouris ('69) is an instructor of psychology at Husson College in Bangor, Maine. **Don R. Farr, Jr.** ('69) has returned from Dallas to assume the post of assistant vice president of Home Mortgage Co. in El Paso. **2nd Lt. Agustin Chavez** ('68) is with the 65th Engineer Battalion, attached to the 25th Infantry Division at Cu Chi in Vietnam. **2nd Lt. Charles R. Espinoza** ('69) is assigned to the Logistics Control Office Pacific at Oakland Army Base, California. **Airman 1st Class Donald R. Crites, Jr.** ('69) is a supply inventory specialist with an Air Force support unit at Incirlik AB, Turkey. **Ensign John Franklin Nance** ('69) is stationed at U.S. Army Communications Center, Nea Makri, Greece.

Thanks to Dr. Philip Himelstein, head of the Psychology Department, we can straighten out an error in the last AlumNOTES column. **Jacque T. Bridge** ('68) is not at Radford School for Girls, as reported, but with Radford College, Radford, Virginia.

And, three exes are executives at deBruyn Advertising, Inc., in El Paso. **Dick deBruyn** ('49 etc.) is executive vice-president and chief administrative officer. **Henry G. Rettig** ('62) is vice-president and creative director; and **Tony Pearson** ('65) is vice-president and account executive.

MORTON HEADS '70 ALUMNI FUND



Dr. R. A. D. Morton, Jr.

The 1970 Alumni Fund for Excellence campaign will be held by a group of men who have devoted many hours since their college days to the advancement of The University of Texas at El Paso. And they have, as one of them put it succinctly, "a tough act to follow."

Chairman of the Alumni Fund in 1970 is Dr. R. A. D. Morton, Jr., an M.D. who attended U.T. El Paso from 1950-53.

His vice-chairmen are Nelson Martin ('60), Weldon Donaldson ('58), and Hughes Butterworth, Jr. ('54), the man who set a standard of performance as last year's Alumni Fund chairman that will demand the best of his successors.

Mr. Butterworth was vice-chairman of the Alumni Fund (under Robert Heasley) in 1968, when alumni exceeded all previous levels of giving by contributing \$31,957, an increase of almost 50 per cent over the previous year. In 1969, alumni contributions totaled \$51,839, far above expectations.

The figure was exceptionally high in part because of two generous memorial contributions totaling approximately \$13,000, Mr. Butterworth explained. "These were not, in the usual sense of the term, 'gifts to the Alumni Fund.' They were thoughtful contributions by alumni to establish permanent memorials through the University, and we are most grateful for them," he said.

The contributions were by Mr. and Mrs. William C. Schillinger, who established a scholarship in memory of their son, David Waddell Schillinger, and by Mr. and Mrs. M. D. Springer, who have pledged \$10,000 to create a lectureship in the Sciences in memory of Mrs. Springer's parents, Reuben and Leona Fessinger.

Gifts other than these were many in number (1,476) and their total contributions to the University represented a substantial increase over 1968.

The level of alumni contributions will continue to increase, year by year, Dr. Morton and his vice-chairmen believe.

"We can look back only seven years to the beginning of the Alumni Fund," Dr. Morton observed. "That year 478 former students contributed \$8,748.

"Alumni contributions to strengthen the University's academic programs have increased steadily every year and I believe they will continue to grow because our alumni know that their gifts are needed, and that they will be used carefully."

The success of the Morton-Martin-Donaldson program to provide much needed new resources for the University will entail a tremendous effort, involving hundreds of volunteers, thousands of telephone calls, and tens of thousands of letters.

The result will be totaled in dollars, and then converted by the University into books for the library, funds for better teaching and research, for scholarships, and for other essentials.

CAPSULES

News Briefs From The Campus

A permanent endowed scholarship has been created at The University of Texas at El Paso in memory of David Waddell Schillinger, son of Mr. and Mrs. William C. Schillinger of El Paso, both alumni of the University. David Schillinger died in February, 1969.

The scholarship endowment was established by an initial gift of \$10,000 and its income will be used each year to provide assistance to a deserving student. Financial need will be the most important factor in making the award, and the donors have imposed almost no other restrictions.

In acknowledging the University's gratitude for the gift, President Joseph R. Smiley expressed the hope that throughout the years each scholarship recipient "will reflect, if only for a few moments now and again, upon the name of the young man in whose memory the scholarship is created."

Marshall Pennington, former Vice President for Business Affairs at Texas Tech University in Lubbock, assumed the post of Vice President for Business Affairs at U.T. El Paso December 1. Born in Georgetown, Texas, Mr. Pennington received his B.B.A. degree from U.T. Austin in 1935. He was teacher and coach at El Paso High School from 1935-36, then served as business manager and coach at the College of Mines and Metallurgy from 1936-44 at which time he joined the Navy. In 1946 he became business manager at Texas Tech, then business manager and assistant to the president in 1948, comptroller in 1949, vice president and comptroller in 1952, and in 1963, Vice President for Business Affairs at the Lubbock Institution. Mr. Pennington is listed in "Who's Who in Texas Today," and holds memberships in many professional and civic organizations. (See photograph.)

"Air Pollution" was the subject of the University's first Symposium on current affairs held December 6 and sponsored by nine U.T. El Paso student organizations. The program featured a nine-member discussion panel which included Mayor Peter deWetter, Congressman Richard C. White, Bill Stewart of the Texas Air Control Board, and Dean Matthews, regional air pollution director of the Department of Health, Education, and Welfare.

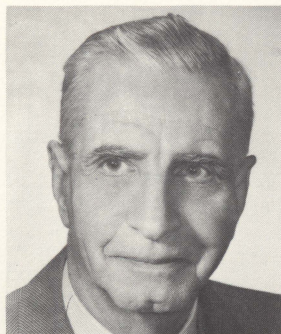
Beginning with the spring semester, U.T. El Paso will offer a new program of both Black and Mexican-American studies. Twelve courses each will be scheduled initially, with credit toward minors in history, psychology, and other inter-disciplinary areas.

Jack Curtice, onetime football coach at the College of Mines (1946-49), is retiring as coach at The University of California at Santa Barbara. He will be succeeded by Andy Everest, ('51) who played under Curtice at U.T. El Paso and who has been Curtice's assistant at Santa Barbara, and before that at Stanford and Utah. Curtice will continue as athletic director. A graduate of Transylvania University in Kentucky, he coached at West Texas State before coming to "Mines." He became coach of Utah in 1950, and was succeeded as Miner head coach by Mike Brumbelow.



Marshall Pennington, left, new Vice President for Business Affairs at U.T. El Paso, confers with President Smiley and Vice President for Academic Affairs, Milton Leech.

DEATHS



Dean C. A. Puckett

Dean Charles Alexander Puckett, former Dean of the College, Dean of Arts and Sciences, head of the Department of Education, and Dean of the Graduate Division, whose 33-year career at the University dated from 1927 when the fate of the institution was in the balance until 1960 when he retired, died February 1 at the age of 80. Dr. J. R. Smiley, president of U.T. El Paso, issued this statement on the day following his death: "I have learned with genuine sorrow of the passing of Dean C. A. Puckett, who served this institution with such devotion over so many years, as teacher and administrator. I worked with him closely during my former tenure here and came to know and admire the great qualities of heart and mind he possessed. His memory will live on among the hundreds of former students and colleagues who were privileged to know him."

NOVA recently learned that Mr. George B. Powell, football coach at the College of Mines and Metallurgy from 1924-26, died in 1967.

Word also has been received of the death of Louise Faudoa Canavaggio, a native El Pasoan who attended TCM from 1928-30. A descendant of a pioneer El Paso family, she was associated with the Inter-American Academy of the Air Force in the Balboa Canal Zone prior to her death.

Mr. Lewis J. Vaughan, a 1948 graduate of the University, died September 9 when his car was struck by a Southern Pacific freight train at an unlighted railroad crossing. Mr. Vaughan, a long-time resident of El Paso, was office and credit manager of Cummins Rio Grande Sales and Service.

Mr. Harold Edward Scoggins, Jr., who graduated from Texas Western College in 1949, died October 23 after a lengthy illness. He was associated with T-B-L Adjusters in El Paso.



Mr. Thornton Hardie

Mr. Thornton Hardie, who served as a Regent of the University of Texas System for six years and as chairman of the Board of Regents for two years, died December 8 in El Paso. He was a recipient of U.T. El Paso's Ex-Students' Association's Distinguished Service Award, also a member of U.T. El Paso's Advisory Council of which his son William Hardie is current chairman. At the time of his death, he was senior member of the law firm of Hardie, Grambling, Sims, Galatzen and Hardie, also a director of Southern Union Gas Co., vice president and director of El Paso National Bank, and vice president and director of El Paso, Rio Grande, and Santa Fe Railroad Co. Born in Montgomery, Alabama, Mr. Hardie was a graduate of El Paso High School in 1908 and of the Law School of the University of Texas at Austin in 1913.

Mr. Charles Wilbourn, Class of 1950 and a long-time resident of El Paso, died August 3.

Mr. Guy H. Davidson, who earned his M.E. degree from TCM in 1951, died September 25. Prior to his death he was food procurement specialist in the Lunchroom Department of the El Paso Public Schools, and a teacher and coach at Bowie High School for 22 yrs.

Mr. Benjamin G. Oberlin, Class of '59 died October 3 in Riverside, Calif.

1st Lt. William L. Long, who attended the University from 1962-63, was killed in action in Vietnam June 20. His parents, Mr. and Mrs. Louis E. Long of El Paso, were presented posthumous awards on his behalf, including the Bronze Star with First Oak Leaf Cluster for service and 2nd Oak Leaf Cluster for Valor, the Purple Heart, the Combat Infantryman Badge, also campaign and service medals.

Mrs. Dennis West, the former Linda S. Manley, Class of '68, died in January, 1969.



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