



Vol. 2, No. 10 August 1981

NTSU LIBRARY  
NON-CIRCULATING



## Is it the Big Dipper?

Or the Little Dipper . . . or perhaps an infamous Double Dipper? Or even Jack the Dipper? No, it's Renee Broussard, a June graduate of the School of Nursing, dishing up ice cream

at a party for faculty and students sponsored by the school. For more photos of summertime activities, see pages 8 and 9. (Photo by Gary Parker)



Vol. 2, No. 10 August 1981

## In vitro fertilization attempted here

If all goes perfectly, the first baby conceived through in vitro fertilization and embryo transfer at the Health Science Center could be born in the spring of 1982. But chances of that happening are slim, since the worldwide success rate for such procedures is only three to four percent.

Physicians in the Department of Obstetrics and Gynecology announced in early July that they had made their first attempt to fertilize a human egg outside the woman's body. The procedure took place in Hermann Hospital, where a special lab was equipped adjacent to the operating room.

Dr. Berel Held, chairman of the Department of Obstetrics and Gynecology, indicated that the procedure is the culmination of many months of intensive laboratory and clinical preparation.

"I am delighted to announce the start-up of this program and am exceedingly proud of the high quality team of scientists our department and the Health Science Center here in Houston have brought together to

participate in this endeavor," Held said. "The efforts of these individuals place our unit at the forefront of reproductive medicine."

The leader of the team, Dr. Martin M. Quigley, emphasized that this is the first time that a human egg and sperm have been brought together in the reproductive endocrinology laboratories of the Department of Obstetrics and Gynecology at UT. Quigley is director of the Division of Reproductive Endocrinology and Infertility.

Ten women are in the first group of patients selected for treatment in the program here. All live in Texas within a 350 mile radius of Houston. Quigley said that all will be treated at least once before additional patients are accepted for treatment.

The Houston program has received about 500 inquiries so far. Those who meet all criteria for treatment are invited to participate in the program in the order in which their medical records are received.

Patients must be married; the woman must be no older than 35;

the woman must be unable to become pregnant because her fallopian tubes (the normal conduit for the egg from ovary to uterus) are missing or irreparably blocked; and there must be no other infertility factors.

The typical couple in the first group of patients has been married from five to seven years; both husband and wife are around 30 years old; a previous tubal pregnancy caused removal of the fallopian tubes; and they have no children, Quigley said.

The federal government estimates there are from 500,000 to a million couples in the United States in which the wife's tubal disease is the only cause of infertility, and there is no other reasonable treatment.

"We are simply attempting to help infertile couples have children of their own," Quigley said. "We are replacing a woman's fallopian tubes with a technique and laboratory procedures."

Only nine babies have been born



PERFECT TIMING — Dr. Martin Quigley performs a laparoscopy to capture an egg just at the moment of maturity for an attempt at in vitro fertilization. (Photo by Gary Parker)

worldwide as a result of documented in vitro fertilization. The first was Louise Brown, born in July 1978 in  
(Continued on page 6)

## After 29 years, Dean Olson plans to retire

By Joe Sigler

Dr. John Victor Olson, the dean of the country's dental school deans, has decided to hang up his drill.

He has been dean of the Dental Branch for the past 29 years, and he has announced his intention to retire. He will reach the state's mandatory retirement age of 70 in two years.

Upon Olson's discussing his retirement plans with President Bulger, the president appointed a nine-member advisory committee to recommend to him possible successors to Olson. The committee is headed by Dr. James Foster in the Dental Branch's Division of General Practice.

Other committee members from the Dental Branch are Dr. Shirley Murphy, Dr. Glenn Housholder, Dr. Ralph Frankson, Dr. Sam Parris, Dr. John C. McMahan and Britt Ruby, a senior dental student. Also on the committee are Dr. Robert Dixon, an Austin dentist and alumnus of the Dental Branch, and Dr. John Ribble, associate dean of the Medical School.

Bulger noted recent experiences at other institutions where searches for dental deans have extended up to two years, and he has encouraged Olson to remain in his position until a new dean can be identified.



A TYPICAL OLSON POSTURE — Pipe in his mouth, pencil in his hand, a smile on his face and work on the table in front of him. That's Dr. John Victor Olson, and that's been his style here for the past 29 years — a time span in which he has served as a dental dean longer than any other person currently holding a similar post in the country. Olson's planning to retire, and work is under way to find a successor.

A native of Kibbie, Mich., Olson earned his doctorate in dentistry and a master's degree at the University of Michigan and then practiced in South Haven, Mich., until entering the U.S. Army Dental Corps in World War II. After the war he taught at the St. Louis University School of Dentistry until joining the Dental Branch here in 1950.

Olson became dean in 1952, but during three years of his career, 1969-72, he was a double-dean, filling the deanship as well at a new UT Dental School in San Antonio.

Olson also performed double administrative duty for the two years after that, serving as dean and as acting president of the Health Science Center from the time of its establishment in 1972 until Dr. Charles Berry became president in 1974.

"Some people may think I'm an autocrat," Olson said during an interview following his retirement announcement, "but I've tried to run this school to help the students, not to make it easy for the faculty."

Still, an innovation Olson spearheaded has done some of both. It's called the "self-directed learning concept," unique in this country when it was started more than 10 years ago. Utilizing an audiovisual department and a television studio

superior to many commercial stations, the Dental Branch videotapes lectures, demonstrations, dental techniques, procedures — anything a student might require by way of curriculum.

Among other things it means that students may work at their own speed, taking examinations when they feel they have mastered the material, and even taking an additional year to complete their work if necessary.

It also greatly reduces faculty lecture times, leaving faculty members with more time to devote to what Olson believes is their primary teaching responsibility — working with and overseeing the work of dental students in the clinics and laboratories.

He's an advocate of general dentistry, teaching students on the broad spectrum of dental care, urging them to think of the patient as a total person.

"I don't want students, or dentists, thinking of patients as a bridge or a crown," Olson said.

He's also a strong supporter of the Dental Branch's community dental program, taking dental care to outlying clinics to serve people who might not have access to top care and providing his students with

(Continued on page 5)

# Joe's 'fantastic,' aids memory research

By Susan Fox

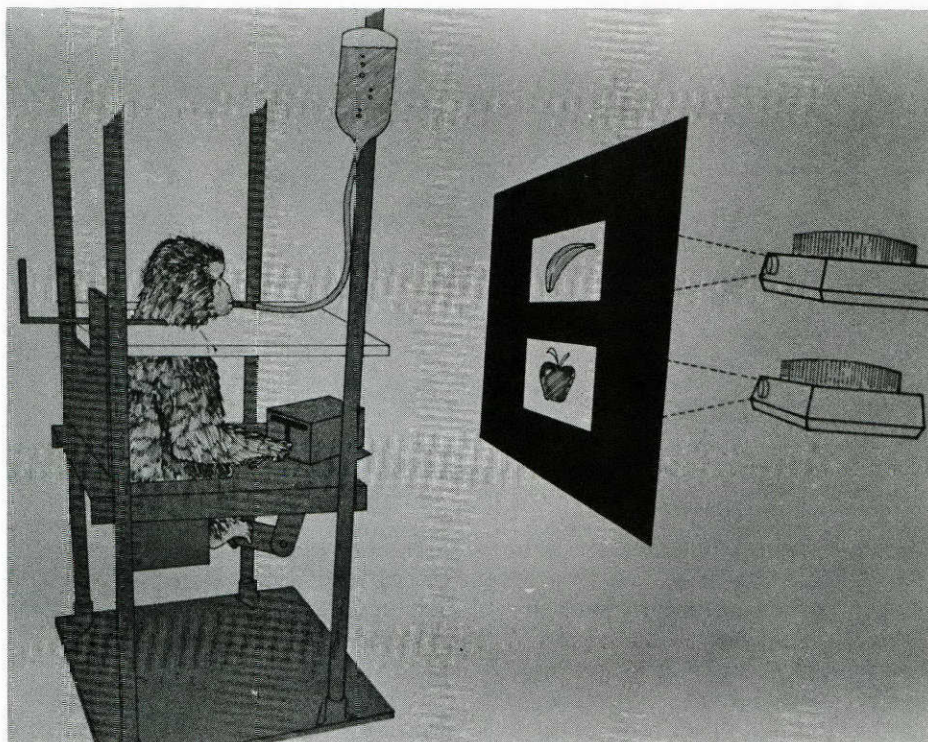
Joe squirms in his chair, throwing his furry head first to the right and then to the left, trying desperately to identify the commotion behind him.

It's not until the visitors leave that Joe settles back into the routine of observing slides used in a memory study currently underway at the Sensory Sciences Center.

Joe is Dr. Anthony Wright's number one monkey. In fact, David Floyd, a lab technician, calls him a "star." He says Joe is a "little mean, but he's fantastic."

Wright is associate professor in the Graduate School Biomedical Sciences (GSBS) and the Department of Ophthalmology at the Medical School.

He and his colleagues have worked with Joe, Max and other rhesus monkeys to show that the memory system in monkeys is very similar, if not identical, to that in humans. Before this discovery, a model of the human memory was unavailable.



MONKEY SEE, MONKEY REMEMEER — This illustration shows the apparatus used to test the memory of monkeys in experiments at the UT Health Science Center at Houston. In this case, the monkey must tell if the two slides he sees are the same or different by pressing a lever beside his hand. If he is correct, he is rewarded with a squirt of orange juice.

wrong answer, a chamber light shines on them for 10 seconds. A correct answer rewards the monkeys with food pellets or a shot of juice.

Wright succeeded in determining a primacy effect in the animals because he showed the monkeys a large number of slides, which were all different and never repeated in the experiment.

"This was very crucial in our success with the animals," he said.

Other researchers had used fewer slides, which were shown to their animals many times, Wright said. He explained that the repetition confused the animals. Consequently, the animals indicated the slide matched a previous one when it actually did not.

Wright said that using color slides prevented the monkeys from being easily bored. They included pictures of fruits, people and other objects. Wright hopes in the future to determine if the monkeys can categorize the objects pictured in the slides.

Wright said the information he has obtained from the experiment will also open doors for those researchers who are studying the effects drugs have on memory. **UT**

**This new information will allow them to explore the human memory system.**

The scientists have been able to demonstrate that the monkeys have a primacy effect. This means the monkeys can recall items — in this case slides — shown to them first in a series. Previous studies indicated that monkeys and other animals could recall only the last few items they viewed (recency effect) in the experiment.

It was once believed that the primacy effect constituted the main difference between human and animal memories, according to Wright, who noted this new information will allow them to explore the human memory system.

Wright and collaborators have been conducting experiments on memory for almost four years. They recently received a three-year research grant from the National Institutes of Health to continue the work.

The collaborators are Dr. Stephen Sands, former student at GSBS who is now assistant professor at UT-El Paso; Dr. Peter Urcuioli, former postdoctoral fellow who is now assistant professor at Purdue University; and Hector Santiago, current student at GSBS.

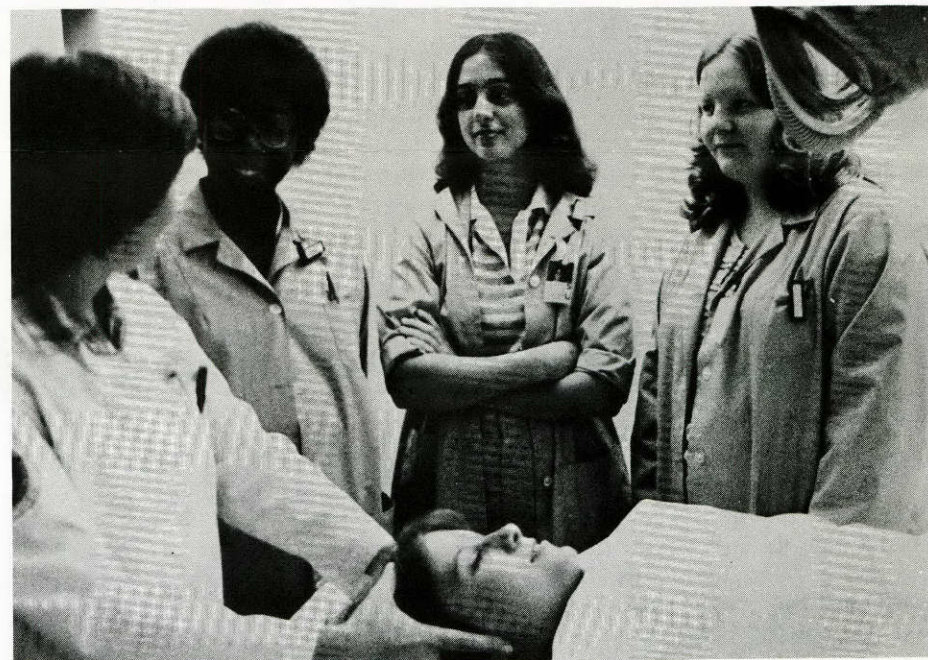
The first steps of this experiment were time-consuming. When Wright first got Joe, Max and the others, they were an inexperienced and unruly bunch.

It took an average of four months for each of the monkeys to become acquainted with their new surroundings, exit from the home cage, enter the experimental chair, learn the tasks and work the levers.

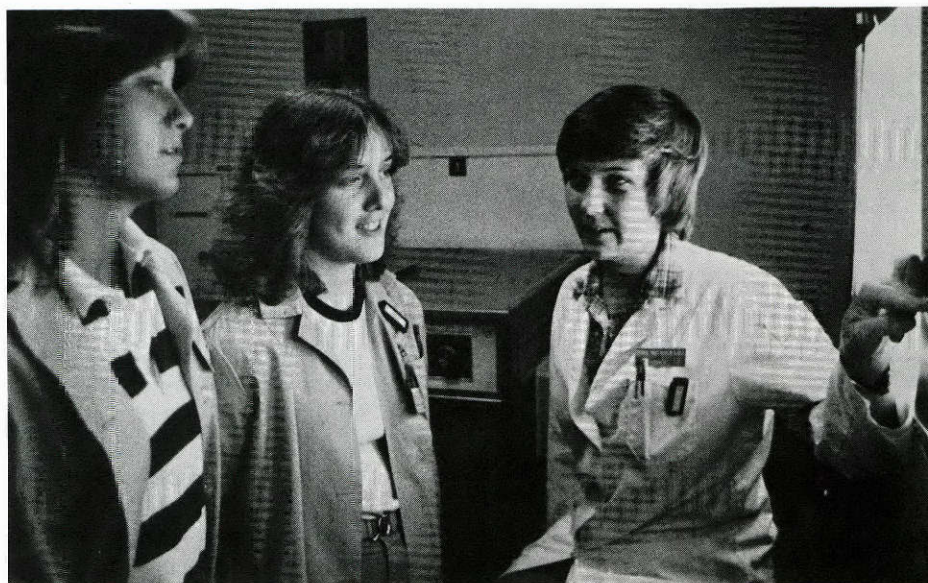
The task itself takes the monkey between one and three months to learn. According to Wright, each monkey completes about 1,600 trials before he knows the first task, which requires him to view two slides and indicate if the subjects are the same or different.

Teaching the monkeys to manipulate the levers can take up to two weeks. Joe impressed the researchers by learning to operate the levers in three days.

Joe and the other monkeys have two seconds to give an answer in the experiments. If they choose the



SIMPLY UNCANNY — Debbie McElroy, left, of the M.D. Anderson Department of Radiology, explains some of the finer points of readying a patient for routine X-rays. From left to right are high school students Alecia Bishop, Sonia Ried and Ruth Dickover. Note that the "patient" bears an uncanny resemblance to student Morris, below left.



HIGH SCHOOL STUDENTS Mindy Morris and Julia Vermette are instructed about what to look for in an X-ray. McElroy again does the honors. The five area students are now in the home stretch of their summer in the program with less than two weeks to go. (Photos by Gary Parker)

## 5 students:

By David Moore

It's still dark outside when 16-year-old Julia Vermette leaves the house to go to work. She and Sonia Ried, 17, ride the bus from Friendswood to Houston together, transferring to the South Main bus and arriving shortly before 8 a.m. at the Texas Medical Center.

Both girls still have a year left at Friendswood High School before graduating. Both are also interested in health professions. That's why they are among five high school students selected to participate in the first Summer Program in Radiologic Technology for high school students. The 10-week program is sponsored by the Health Science

**HOUTEXAN**  
is published monthly by the Office of Public Affairs, The University of Texas Health Science Center at Houston. **Roger J. Bulger, M.D.**, president, **Joe Sigler**, executive assistant to the president and director of public affairs.

Editor: **Ina Fried**  
Assistant Director of Public Affairs

Assistant Editor: **Diane Broberg**

Staff: **Tish Figures**, secretary; **Susan Fox**, writer; **Wendy Goodridge**, writer; **Belinda Parker**, business and distribution; **Gary Parker**, photographer; **Barbara Short**, writer; **Debby Weiss**, production.

Office of Public Affairs  
The University of Texas  
Health Science Center at Houston  
Box 20036  
Houston, Texas 77025

1100 Holcombe Blvd., Room 1117  
(713) 792-4266

# Medical School researchers aid MS victims

By Diane Broberg

A group of physician researchers at the Medical School have developed an improved method to aid in the diagnosis of multiple sclerosis (MS) and have announced the opening of an MS clinic.

The new method involves the use of computerized tomography (CT) scanning, a recently developed technique combining sophisticated X-ray equipment and a computer which allows radiologists to reconstruct images representing cross sections of the body.

In this case, the CT scanner is used to show disorders of the brain.

Led by Dr. E. Simon Sears, a neurologist; Dr. L. Anne Hayman, a radiologist; and Dr. Robert Bigelow, a statistical analyst, the group has been working on the project for two years.

Sears, who has recently been named a medical advisor for the Houston Area Chapter of the National MS Society, explained the importance of finding new ways to diagnose MS.

"MS is difficult to diagnose because it wears so many different masks," he said. "It can suggest itself in episodes of paralysis of the arms and legs, visual difficulties, incoordination, slurred speech and a variety of other mishaps that can occur by themselves or all at the same time."

That's why the disease is called "multiple."

According to Sears, physicians are trained to confirm the suspected diagnosis of MS by means of a spinal fluid analysis done only after the disease has manifested itself on two or more occasions. Even then the results aren't always conclusive.

"The disease is a series of repeated losses of insulation around the nerve fibers in the white matter regions of the brain," he said.

These intermittent losses are what cause the episodes, and usually people with the disease alternate between having bad spells (usually called "exacerbations") and periods of remission in which they feel fine. In time, however, many patients begin to show continuous disease activity, Sears said.

During these acute bouts with

the disease, CT scanning can show a certain type of abnormality involving fluid leaking from blood vessels into the involved brain regions, he explained.

An advantage of the CT scan technique is that often the patient doesn't have to wait around for a second episode to occur before the disease is diagnosed since the CT scan documents the involvement of more than one area of the brain, he said.

Interestingly, the disease is more prevalent in the North than in the South, though no one knows the exact reason. "Sun belt" cities like Houston are beginning to have more MS victims because of the number of Northerners moving south, Sears said.

At a recent Canadian symposium, Sears and his colleagues organized a "cooperative study

group" of researchers from all over the United States who will use the new method to diagnose MS in their patients and then report their findings back to Houston.

The cooperative study group will not only study the prevalence of these CT scan abnormalities during MS victims' episodes, but later on will also study the effect of corticosteroid drugs on correcting these CT scan abnormalities.

It is known from research done in the 1960s by Dr. Augustus Rose that these drugs can shorten MS victims' episodes, but they cannot reduce the number of spells that they have, Sears said.

Rose, who is at the Veterans Administration Hospital in Los Angeles, is an ex-officio advisor for this cooperative study, along with Dr. Charles Poser of the University of Vermont and Dr. William Fields,

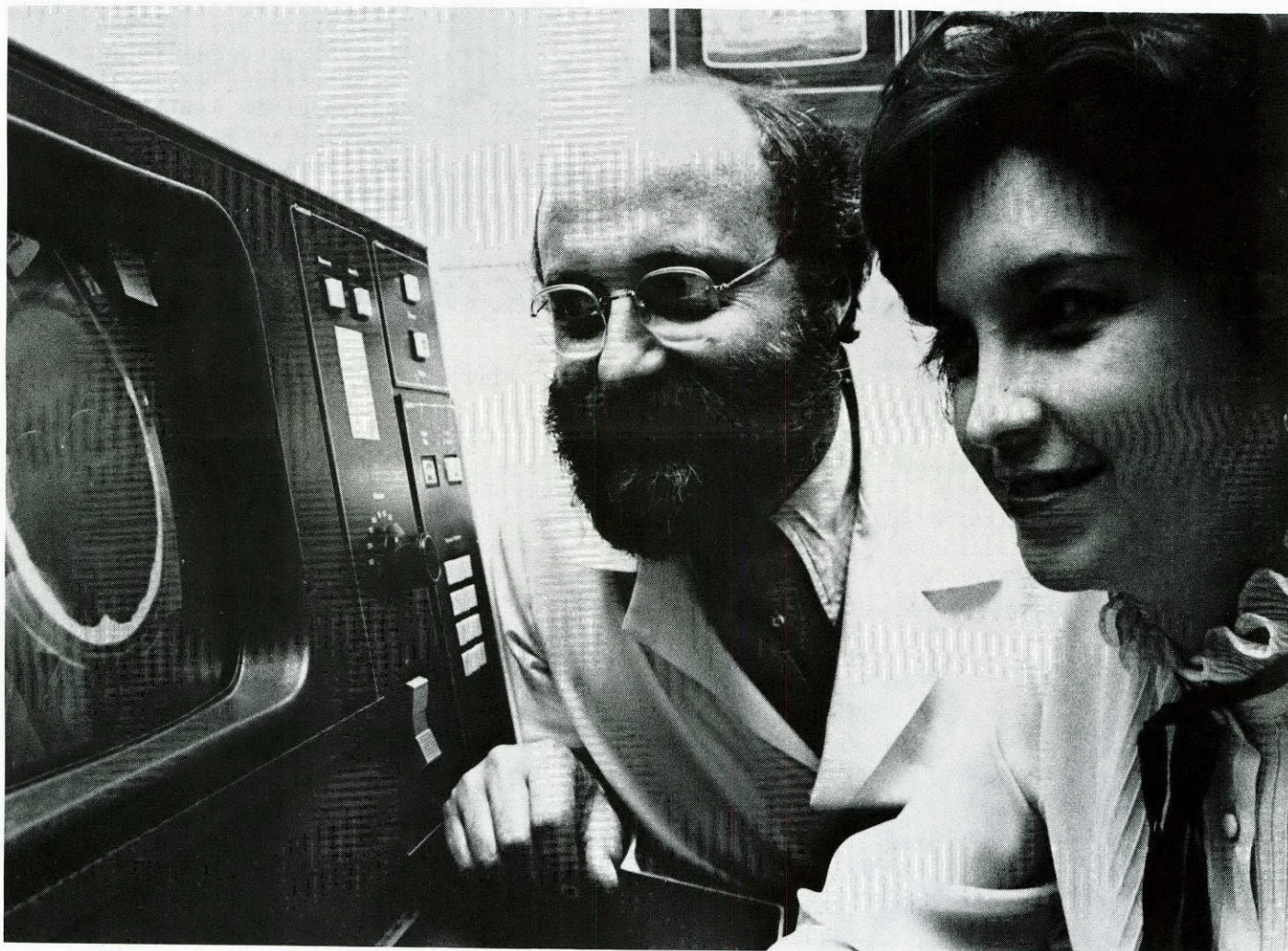
chairman of the Department of Neurology here.

In September, Sears will present these CT discoveries about MS at the American Neurological Association meeting in San Francisco and at the World Congress of Neurology in Kyoto, Japan.

In related MS research from the same department, Dr. William Goldie is studying evoked potential responses, another computer technique that measures slowed or blocked nerve conduction due to a loss of insulation around the nerves of the brain.

The new clinic for MS patients that opened in late June is staffed by neurologists and residents from the Medical School and is located at the Hermann Professional Building, 6410 Fannin. For more information, call 792-4887.

UT



SIGN OF THE CAT — Cat scan, that is. Dr. E. Simon Sears, neurology, and Dr. L. Anne Hayman, radiology, look at a picture of the brain that will help them diagnose multiple sclerosis earlier than usual in some cases. (Photo by Gary Parker)

## rad techs for a summer at MDA

Center and School of Allied Health Sciences. The girls are working in the Department of Radiology at M.D. Anderson Hospital.

The other students in the program are Alecia Bishop and Ruth Dickover, both of the High School for Health Professions, and Mindy Morris of Spring Branch High School.

Kathy Pitre, program director for Allied Health's Radiologic Technology program and coordinator of the summer program, explained the motivation behind the new program: "We have a commitment in allied health to try to provide for those interested young people experiences that will allow them to better assess

the career direction that they want to follow."

Pitre said she thinks it would be just as significant if one, two or all of the students discover, "This is an area in which I would not be happy," as it would be if they eventually become X-ray technologists.

And while all five girls appear happy with the program, not all foresee becoming radiologic technologists.

"I've wanted to be a doctor for a long time," Dickover said. After three weeks in the program, she still does.

Morris, meanwhile, finds herself becoming more and more interested in nursing as she gets a chance

to see what goes on at the hospital.

As for the others, Ried leans toward a career in computers, Vermette and Bishop are interested in continuing in X-ray technology.

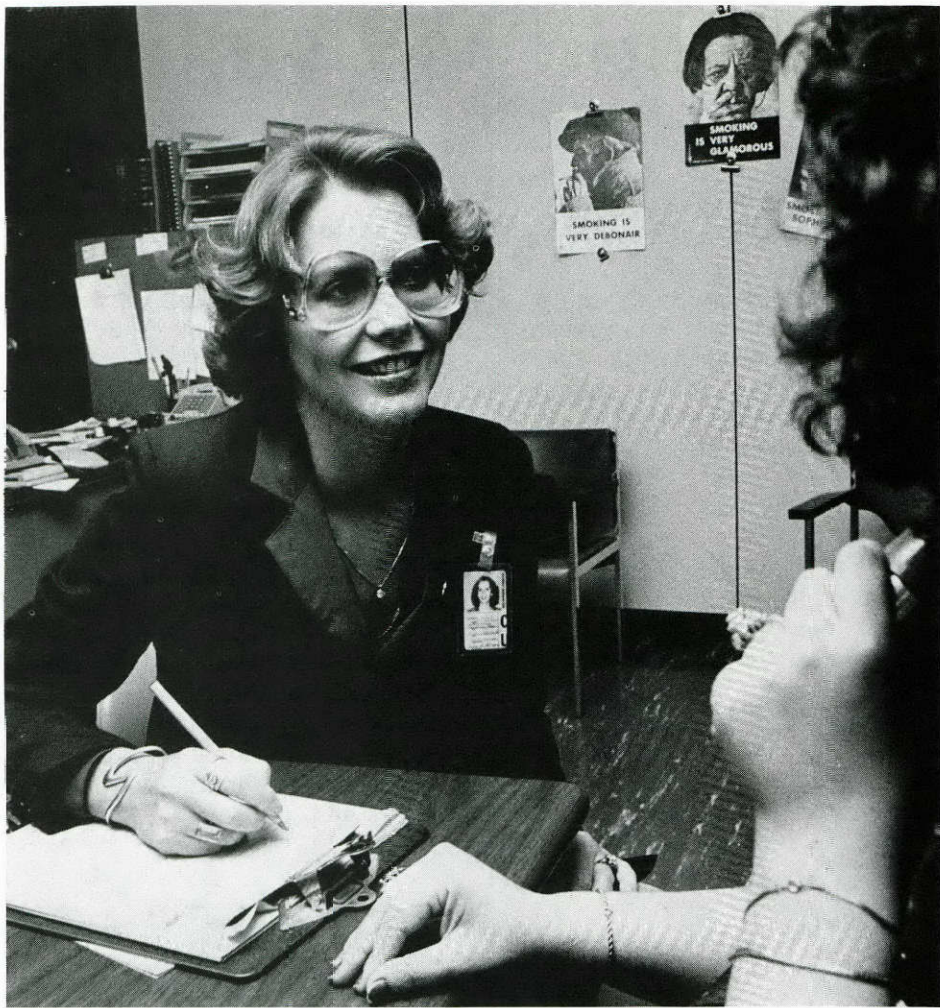
Clearly they have the knowledge now to start making such decisions. For although they must perform some mundane duties — running records here and there and helping patients around — they also are up front when other more interesting things are happening. They get to see angiograms and cardiac biopsies, arteriograms and CT scans.

Hands-on experience? "None at all," sighs one, but then they are still in high school. And there are no

misgivings about having joined the program. After all, there are very few, if any, other summer jobs for a high school student in which the student would work around ultrasound and CTs, in an X-ray darkroom and as a technical aide, nurse's aide, floor aide and patients' aide. But each girl will do each of the above in rotations this summer.

Are the girls blending into the hospital environment? Said Bishop, who also expresses an interest in becoming a social worker: "I've made friends with a couple of the patients, and whenever I don't have anything else to do I go see them."

UT



AS NEW CLINICAL COORDINATOR at the Speech and Hearing Institute, Julia Bowman divides her time between administrative responsibilities and practicing clinical speech pathology at the institute and at M.D. Anderson Hospital. (Photo by Gary Parker)

## Pituitary tumors on the rise; PFA strives for awareness

By David Moore

Imagine a line from the bridge of your nose to the back of your head. Imagine another from temple to temple. And at the intersection you don't have to imagine a small gland because it's already there: the pituitary gland.

Now imagine 25 people meeting in an auditorium of Hermann Hospital to discuss the recent rise in cases of pituitary tumors. Robert Rodreick was there because his 18-year-old daughter Kathleen has a tumor. Tara Myer was also there. She has undergone surgery to correct a pituitary tumor.

Others, young and old, showed up for the third meeting of the fledgling Houston chapter of the Pituitary Foundation of America.

"It's just beginning, the foundation itself is just a year or so old," said Dr. Floyd Haar of the UT Pituitary Service, "but it's something I think will just be snowballing."

Snowballing because, Haar said, doctors are seeing more and more small tumors recently, especially in young women. Snowballing because just now the awareness

of pituitary tumors is on the rise, among both doctors and laymen who may have tumors.

"Ten years ago the number of tumors we were diagnosing was much less than today," Harr said. "We're seeing far more little tumors today than we were seeing big ones 10 years ago," he said.

Doctors don't know why there seem to be more tumors today or why they're seeing mostly small tumors.

But the belief at the foundation is that more education — of the public and of doctors — is needed concerning the tumors. For one thing, the sooner a tumor is diagnosed, the sooner it can be removed before it grows larger. Furthermore, the sooner the tumor is removed, the less chance there is that it will recur.

But besides that, there's the basic psychological benefit of meeting with others who have the same problem you do, people who have gone through the same symptoms, the same diagnoses, perhaps the same surgery.

In the most common tumor, the pituitary produces a hormone called prolactin, the hormone which stimulates milk production in women during and shortly after pregnancy. When prolactin is produced due to a tumor the results can be irregularity or cessation of menstrual periods and a milky discharge from the nipples. In men the most common symptom is impotence.

Other problems that may result from such tumors include gigantism and Cushing's Disease, which is marked by obesity, diabetes and excessive hair growth. Larger pituitary tumors can result in deafness or blindness.

UT

## Institute names clinical coordinator

The Speech and Hearing Institute here recently named a new coordinator of clinical services.

Julia Bowman assumed her new responsibilities after nearly three years as a communications specialist and diagnostician at the institute. In that position she mostly evaluated and treated head and neck cancer

patients for speech and swallowing difficulties.

In her capacity as coordinator of clinical services, Bowman is in charge of the speech pathology and audiology functions at the institute and its Outreach Clinics, including the Mobile Hearing Clinic. She also is responsible for contracted clinical activities for the Institute for Rehabilitation and Research (TIRR), Hermann Hospital, M.D. Anderson Hospital and Tumor Institute and the Texas Department of Mental Health and Mental Retardation, to name a few. The institute also is a United Way agency.

Though more of her responsibilities are now administrative in nature, Bowman is still practicing clinical speech pathology.

"I am treating cancer patients in the afternoons at M.D. Anderson Hospital and Tumor Institute. The early-morning hours I reserve for administrative duties and the late-morning hours are for clinical practice at the institute," Bowman said.

Bowman hopes to affect change and improvement at the Speech and Hearing Institute. Long-term and ongoing goals are "to provide excellence in clinical care and to better serve the patient population at the Texas Medical Center and in the community."

With her staff of seven speech pathologists, four audiologists and one research associate, Bowman aims to increase clinical research at the institute.

The Mobile Hearing Clinic, an important aspect of the Outreach Program, will be operated regularly, providing counseling and hearing testing to a variety of groups in the Houston area.

"To help meet these goals, the

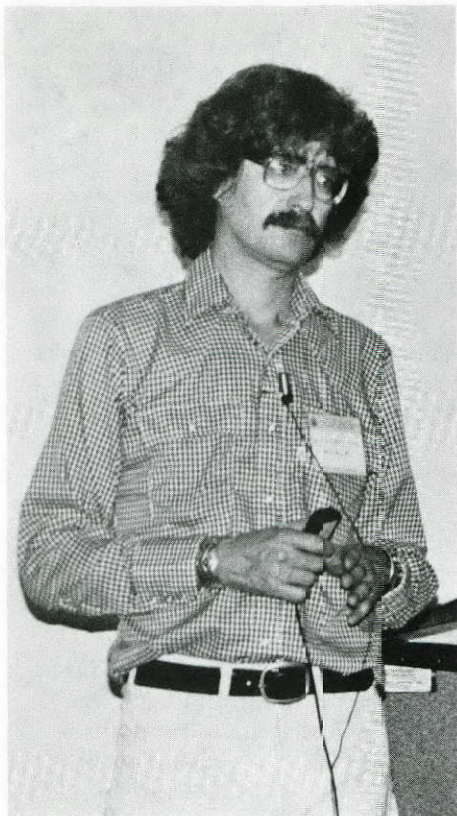
number of referrals to the institute needs to increase. I plan to provide more inservice training sessions for the medical community to raise its awareness of what we can do," Bowman said, adding that the Speech and Hearing Institute sometimes refers patients to other institutions, and in so doing, a valuable exchange of information occurs between professionals.

The United Way of the Texas Gulf Coast recently funded the institute with \$367,682, a 7.3 percent increase over last year's allocation. In return the institute provides services, either free or on a sliding fee scale, for the economically disadvantaged at three city health centers, the institute or on the Mobile Hearing Clinic.

The city of Houston Health Department allows space in three of its neighborhood health clinics for speech pathology and audiology services performed by institute personnel. These clinics are Northside Health Center, Riverside Neighborhood Health Center and Lyons Avenue Health Center. Two of the clinics also provide assistants, Bowman said.

Bowman, a native of Johnson City, Tenn., received a bachelor's degree in biology and chemistry from Converse College in Spartanburg, S.C. Upon attainment of her master's degree in speech pathology from The University of Tennessee at Knoxville, Bowman completed a nine-month clinical fellowship at Auburn University.

After teaching speech pathology at Auburn for five years, Bowman said she learned of a job here and "came to Houston because I wanted to work in a medical center in a big city."



SPEECH AND LANGUAGE CONFERENCE — Dr. Jay Rosenbek, chief of audiology and speech pathology at William S. Middleton Memorial Veteran's Hospital in Madison, Wis., presented a two-day conference on "Selected Treatments for Neuromotor Speech and Language Disorders" at the Speech and Hearing Institute. The conference was attended by approximately 60 speech pathologists, practitioners, educators and students, as well as medical professionals. (Photo by Gary Parker)

## Retiring dean recalls career

(Continued from page 1)  
experience in that kind of clinical setting.

Both Olson's innovative curriculum and his dedication to general and community dentistry have the support of President Bulger, who wants to see them continued. In his charge to the advisory committee, Bulger said:

"I am committed to sustaining the curricular innovations established with such painstaking care by Dr. Olson and the faculty over the past decade. We shall sustain and further develop, where appropriate, the excellent community dentistry programs which have come into being. We desire to have a leader as highly committed to general dentistry as Dr. Olson has been."

What will a man who has devoted the last 45 years of his life to dental education do in retirement?

"I'm not devoid of other interests," Olson was quick to respond. He has a vineyard on 38 acres of land he owns at Crockett, Texas, and he likes to garden. He restores Model A Fords and is working on two of them now. He's also a carpenter and handyman, and he used to repair watches, a practice he picked up during World War II to keep his fingers nimble.



ROLLING . . . Dental Branch television staffers stage an interview similar to those conducted for the newly developed "DB Magazine," a news and feature program produced by the students at the Dental

Branch. From left to right are Melody McSparran, Shawn Stewart, Pamela McCarty and Jennifer Shropshire. (Photo by Gary Parker)

# Dental Branch TV show filling student need

By Barbara Short

Stand by. Rolling. Cue talent.  
"Hello. I'm David Schmoll and this is the second edition of 'DB Magazine'."

"DB Magazine" is a monthly news and feature program produced by the Dental Branch's Student Council and chapter of the American Student Dental Association (ASDA).

The show is researched, reported and anchored by Dental Branch students like Schmoll, according to Jennifer Shropshire, the program's

associate producer and scriptwriter.

"The show is still quite new," Shropshire said. "Since we have aired only three 15-20 minute shows, we are still formulating and polishing. We have closed shop while the students are out for the summer, but will resume in August when they return."

"Plans for the new academic year include adding a female anchor and getting more students involved so we can produce two shows each month instead of one," Shropshire said.

Ed Harris, who graduated June 13, was one of the first students to voice the need for something like "DB Magazine." The idea arose out of a need for more and better communication among students.

"DB Magazine" was designed to promote interaction among dental students, hygienists and assistants at all levels, Shropshire said.

"Our first meeting consisted of four or five students, a faculty member, and the director and associate producer from the DB Television Studio," Shropshire continued. "We devised a format to follow for each show. Areas covered include: school news — faculty and students; feature stories; and the calendar — school and fraternity events, and community announcements."

The students are members of an information-gathering committee. They meet with Shropshire every Friday and exchange ideas and suggestions for follow-up.

"Each subject area in the format is the responsibility of a student, whose duty it is to get fellow-students to follow-up on a story about which he has learned. Students from every class level attend our meetings so we will know the 'scoop,'" Shropshire said.

Past "DB Magazine" programs featured students like David Huffman, then a second-year dental student, who is 40 years old, has seven children and is a grandfather.

Other segments focused on students' spring break activities, potential tuition increases, Sportathon, the ASDA and the Greater Houston Area District Dental Society meeting

table clinic winners.

Recently the third "DB Magazine" was aired as a special edition honoring Dr. Frank B. Trice, associate dean and professor of endodontics, who has been at the Dental Branch for more than 30 years.

"Dr. Trice offered humorous stories about his first days in private practice, talked of his experiences here and discussed present and future dentists," Shropshire said.

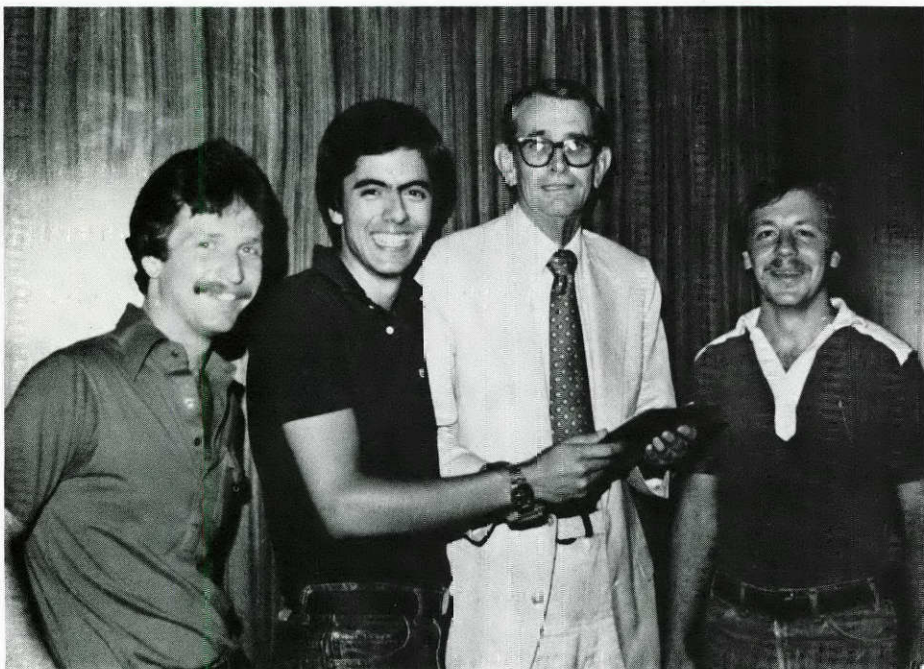
Television monitors were placed in several lecture rooms and in the second-floor lounge so the students can gather and watch the show together, Shropshire said. "Each program is aired once, usually at 12:15 p.m. on Friday. If a student misses the show, he can call the tape library and request to see it."

Interest and participation in the show have grown considerably since the first airing. "Word-of-mouth has really enlarged our 'staff.' We started with about four students, but now have around 12," Shropshire said.

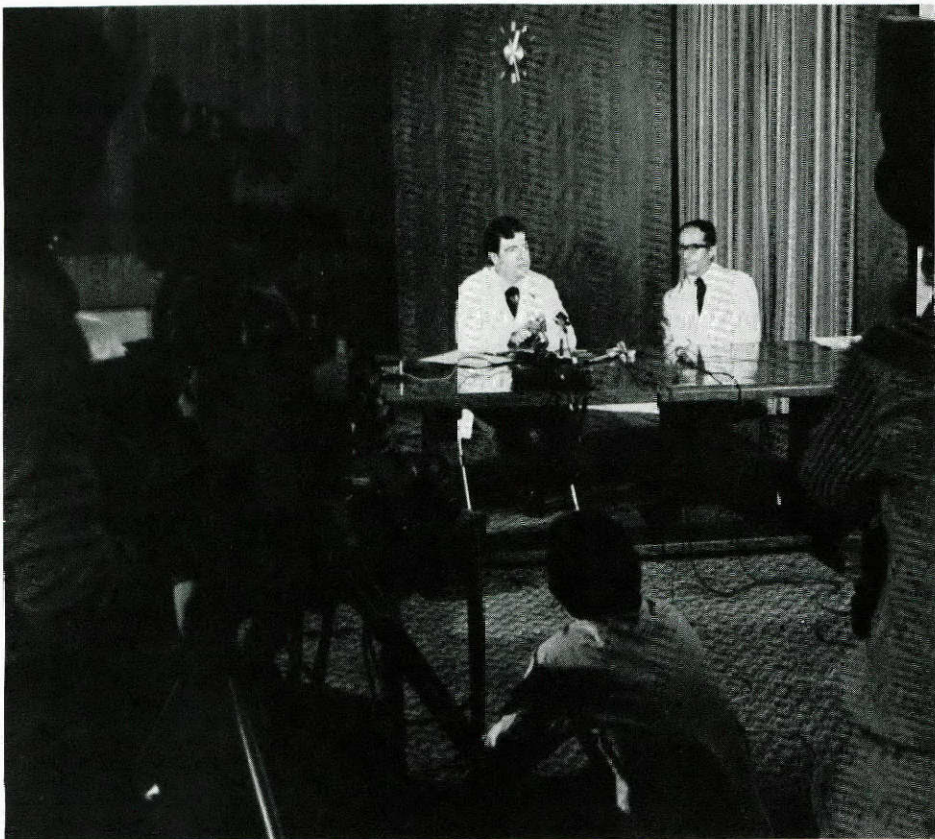
The participating students include Hal Board, Ron Butler, Richard Dunnahoe, Harris, Greg Harrison, Larry Hatfield, David Hodges, Chuck Johnston, Tessie Kamas, Britt Ruby, Nick Russo and Schmoll.

The non-students who help produce "DB Magazine" are Shropshire; Pamela McCarty, television/film specialist; Melody McSparran, instructional development editor; and Shawn Stewart, director of instructional television.

Fade to black. That's a wrap.



OVER 30 — In honor of more than 30 years of service at the Dental Branch, Dr. Frank B. Trice, associate dean, receives a plaque "in recognition of his devotion, service and dedication to the students." Presenting the plaque at a party sponsored by the Dental Branch Student Council are (from left to right) Ray Gillespie, Alan Coleman and Larry Hatfield. Funds for the party were donated by Healthco and Patterson dental supply houses. (Photo by Jennifer Tull, Development Office)



MEET THE PRESS — Dr. Martin Quigley, left, and Dr. Berel Held answer questions on in vitro fertilization at a press conference July 8. (Photo by Gary Parker)

## First patients treated

(Continued from page 1)

England. The first twins conceived through in vitro fertilization were born June 6, 1981, in Australia. Groups also are working on in vitro fertilization techniques in West Germany, Sweden and France. The HSC unit is one of the few treating patients in the United States.

"In vitro" in Latin means in glass, that is in a test tube, thus the common and misleading term, "test tube baby."

The in vitro fertilization procedure involves removing a mature egg from a woman's ovary, combining it in the laboratory with her husband's sperm, examining the mixture under a microscope to be certain that an embryo is developing, and then transferring the embryo to the woman's uterus within two and a half days after fertilization.

To provide the greatest chance for successful fertilization and maturation the egg must be obtained immediately prior to ovulation. Fertility drugs are administered to the patient to aid in precise timing of ovulation, Quigley said. Ultrasound examinations assist in predicting the time of ovulation, and urine and blood tests are made to check for hormones indicating the approach of ovulation.

The egg is retrieved during laparoscopy, a procedure commonly called "bandaid" or "belly-button" surgery.

The embryo is reimplanted through the cervix in a manner similar to the insertion of an intrauterine device (IUD) for contraception. The entire procedure involves a three-to-five-day hospital stay for the woman.

In addition to Quigley, others in the Department of Obstetrics and Gynecology contributing to the treatment and care of women in the program include: Dr. June Z. Kendall, a reproductive physiologist who directs the hormonal laboratory assays; Drs. Juan Arias and Nabil Maklad, who perform the ultrasonography; and Dr. Sue Pokorny, who is an obstetrician/gynecologist and a psychiatrist.

Permission to attempt fertilization of patients in this manner was granted in October 1980 after several meetings of and detailed review by the HSC's 29-member Committee for the Protection of Human Subjects. No eggs will be fertilized for any purpose other than for human reimplantation.

Prospective patients may receive more information by leaving their names and addresses with the recording at 792-5959.

UT

## Newsmakers

### Allied Health

**Kimberly Ward**, instructor, and **Gene Weatherall**, assistant professor in emergency medical services, were the Texas representatives at a meeting of the National Association of Emergency Medical Technicians, May 10.

**Larry Kidd**, acting program director and educational coordinator in histotechnology education, was the chairman of the annual meeting of the Texas Society for Histotechnologists at the Astroworld Hotel, May 20-22.

Graduating students **Larry Neathery**, **Diana Parsons** and **Lisa Brousseau** presented a paper titled "The Isoelectric Point of Protein in Relationship to Staining."

During the two-day meeting, a fashion show was presented by J. C. Penney's that included student and faculty models **Larry Kidd**, **Doris Sembera**, **Beverly Grice**, **Diana Parsons**, **Lisa Brousseau** and **Joyce Crockett**.

### Medical School

**Dr. C. Frank Webber**, chairman of family practice, was elected vice president of the Texas Medical Association during its annual meeting in Dallas, May 30. Webber also is director of the Health Science Center's ambulatory services program.

**Dr. Charles C. Garcia**, assistant professor of ophthalmology, organized and conducted a meeting of the Association for Research in Vision and Ophthalmology in Sarasota, Fla., April 23-May 1. He also spoke on "Alterations in Blood Reti-

nas in Diabetes."

During a series of meetings, **Dr. Tom Prager**, clinical researcher in ophthalmology, spoke on "Influence of Vitreous Changes in Fluorophotometry" and "Sources of Artifacts in Vitreous Fluorophotometry." **Garcia**, **Prager** and **Dr. Hshuan Ho Chu**, visiting professor in ophthalmology, presented a poster titled "Vitreous Fluorophotometry: A Two-System Comparison."

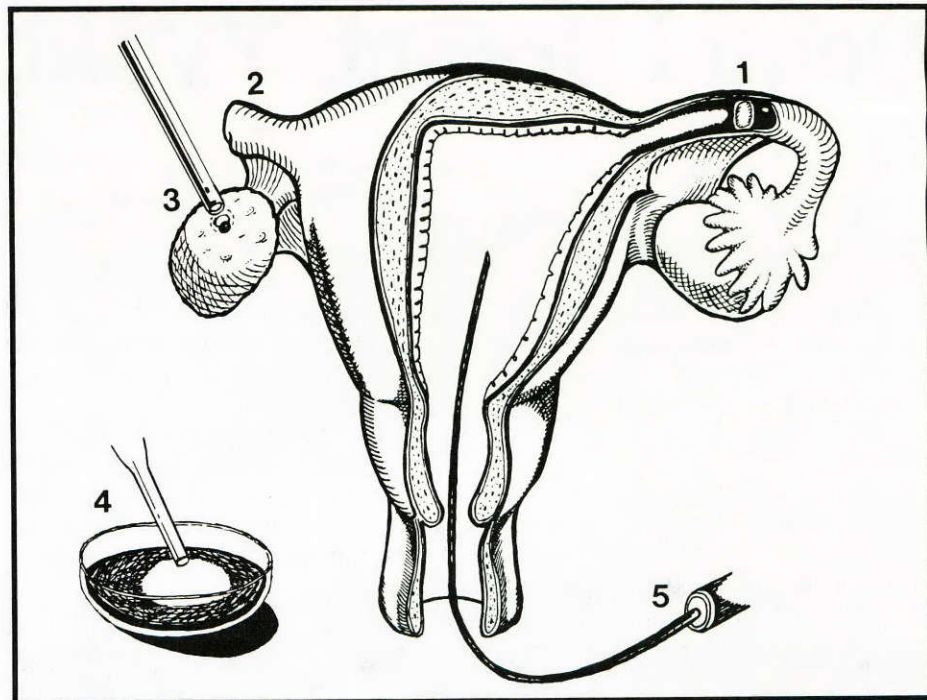
**Dr. John Goosey**, first-year resident, and **Dr. Jack Henkin**, assistant professor of biochemistry, presented a poster on "Further Studies of Photolyzed Bovine Crystallin Lenses." **Dr. Linda Mewis**, second-year resident, collaborated with **Dr. Sue Ellen Young**, an Austin ophthalmologist, on a poster presentation titled "Breast Carcinoma and the Eye: Barometer or Bystander?"

### Dental Science Institute

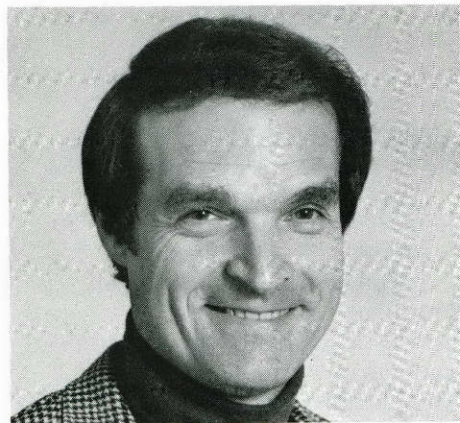
**Dr. Millicent Goldschmidt**, associate professor, presented a poster session titled "Rapid Fluorescent Coagglutination Technique to Detect Actinomyces" during the third International Symposium on Rapid Methods and Automation in Microbiology in Washington, D.C., May 25-31.

**Dr. Pauline Duke**, assistant professor, presented "Abnormal Limb Morphogenesis Under Conditions of Excess G" at a meeting of the Society for Developmental Biology in Boulder, Colo.

**Dr. James J. Vogel**, associate professor, presented a paper titled "Microbial VS Matrix Vehicle Calcification" during the third International Conference on Matrix Vesicles in Spoleto, Italy.



IN THIS CUTAWAY ILLUSTRATION of the female reproductive system, one fallopian tube (1) is blocked and the second (2) is missing altogether. This situation would prevent an egg from passing from the ovaries, through the fallopian tubes and into the uterus for possible fertilization by male sperm. An alternative method of inducing pregnancy — one under study and trial at The University of Texas Health Science Center at Houston — is through "in vitro fertilization and embryo transfer." In this procedure, the egg is removed from the ovary (3) by laparoscopy. It is mixed (4) "in vitro" (in glass) with the sperm and, if the fertilization is successful, the egg is transferred (5) to the woman's uterus to continue development naturally. (Drawing by Gary Parker)



**Dr. Paul Wertlake**, Program in Medical Technology Education

## Wertlake now runs Med Tech Ed

Dr. Paul Wertlake is the new medical director of the Program in Medical Technology Education at the School of Allied Health Sciences.

He replaces Dr. Donald Cannon in that capacity.

Wertlake, who has been with the Health Science Center since January 1979, is an associate professor in both the Medical School and the

School of Allied Health Sciences. He is also director of cytology at UT, director of Shriner's Hospital laboratory and director of laboratories at Hermann Hospital.

Wertlake holds a bachelor's degree from Columbia Union College, and a master's degree in biochemistry and his M.D. from Loma Linda University.

The Medical Technology Pro-

gram is a 12-month course of study that leads to a bachelor of science degree in medical technology. Students enter with a minimum of 90 semester hours credit. The year of study consists of lecture, discussion and coordinated student laboratories with clinical rotations in the laboratories of Hermann and M.D. Anderson Hospitals.



REPRESENTING THOSE WHO WILL MOST BENEFIT from the apartments in years to come — the students, residents and young faculty members — were Dr. Stephen P. Kalter, at the controls of the machine with the shovelful of dirt in the other picture, and Ray Gillespie. Kalter is chief resident in the Medical School's Department of Internal Medicine, and Gillespie, a senior at the Dental Branch, is president of the Student Intercouncil. (Photos by Gary Parker)

**BREAKING GROUND IN A BIG WAY** — The traditional hand shovel gave way to the big brother version in the background when ground was broken June 24 for the Health Science Center's 500-unit student/faculty apartment complex at 7900 Cambridge. Behind a crouching President Bulger are, left to right, Edward Randal, III, president of the HSC Development Board; Walter G. Sterling, a former member of the UT System Board of Regents; and Dr. Truman Blocker, president emeritus of the UT Medical Branch at Galveston and a former acting president of the HSC. At a luncheon following the ceremony Bulger noted the work put into placing the \$14 million in bonds for the project by Randall, who is chairman of the board and president of Rotan Mosle Financial Corp., and John Pozzetto, HSC vice president for administration and finance, among others. Bulger also credited Margaret Kirkendall, wife of Dr. Walter Kirkendall, of the Department of Internal Medicine, with originally pressing the case for student and young faculty housing. Sterling subsequently became sponsor of the idea to the Regents. "I do believe," Bulger said, "it was Mrs. Kirkendall who got Mr. Sterling interested, and Mr. Sterling had the clout to get everybody else moving." Mrs. Kirkendall was away and unable to attend the groundbreaking.

## HSC apartments: breaking new ground for early 1982

The official groundbreaking for a 500-unit apartment complex for Health Science Center students and faculty took place on June 24, at 7900 Cambridge, one and a half miles from the Medical Center.

Allocation of the apartments will be by percentage, based on full-time enrollment in the HSC's six schools. The dean of each school will determine the number of apartments for students and those for faculty.

The first apartment units and the Child Care Center are expected to be available in early 1982. Completion of the 500 units is expected in the fall of 1982.

The Child Care Center will be open to a maximum of 150 children — 75 children of students and 75 of employees, excluding faculty — ages 3 months to 6 years. Hours will

be 6 a.m.—6 p.m., Monday-Friday. A kindergarten program will be offered.

Other services will include a swimming pool, laundry and vending rooms, recreation room, shuttle service to and from TMC, TV hook-up including HSC-TV, reserved parking and security guard on duty around-the-clock.

The apartments will be unfurnished but will include a refrigerator, range, oven and vent hood, dishwasher and sink disposal unit. Telephone and TV jacks will be pre-installed.

Check the bulletin boards in the HSC for floor plans of the apartments or stop by Auxiliary Enterprises across from the bookstore on the ground floor of the Freeman Building for more information or an application.

## Employee relations update

Through the Health Science Center's membership in the Houston-Galveston Industrial Recreation Council, Employee Relations can offer discount opportunities to students, faculty and staff.

Discount tickets to Astroworld and Six Flags are available at the bookstores and cashier's windows. The price is \$9.50 each instead of the regular price of \$11.50.

Group travel discounts are available through Friendly Tours and Northwind Travel Inc. Among the trips planned are ones Aug. 15-16 to the Houston Oilers/New Orleans Saints game in New Orleans; Aug. 14-22 to Spain; Sept. 4-7 to Cancun; and Sept. 18-21 to Las Vegas.

For more information call 792-4911 or visit the Employee Relations office on the first floor of the Houston Main Building.

While you're at the office, you may look over catalogs of information about activities in the Houston metropolitan area, such as lists of golf courses, tennis centers and bike routes, and programs offered by parks and recreation departments, YMCAs, YWCAs and other organizations. This information is available through the HSC's membership in the United Way Referral Agent Program.

Also available are lists of events at Miller Outdoor Theater in Hermann Park and at Alley Theater.

## News notes

### Don't Wait To Vaccinate

Thousands of Harris County children are potentially in jeopardy of being excluded from entering school in the fall because of revisions in Texas School immunization requirements.

Health officials urge parents to review and update their children's immunization records and take their children now to their private physician or nearest health center for any needed immunizations against measles and other childhood diseases. For more information call 526-1841 or 526-8444.

### Swami Returns

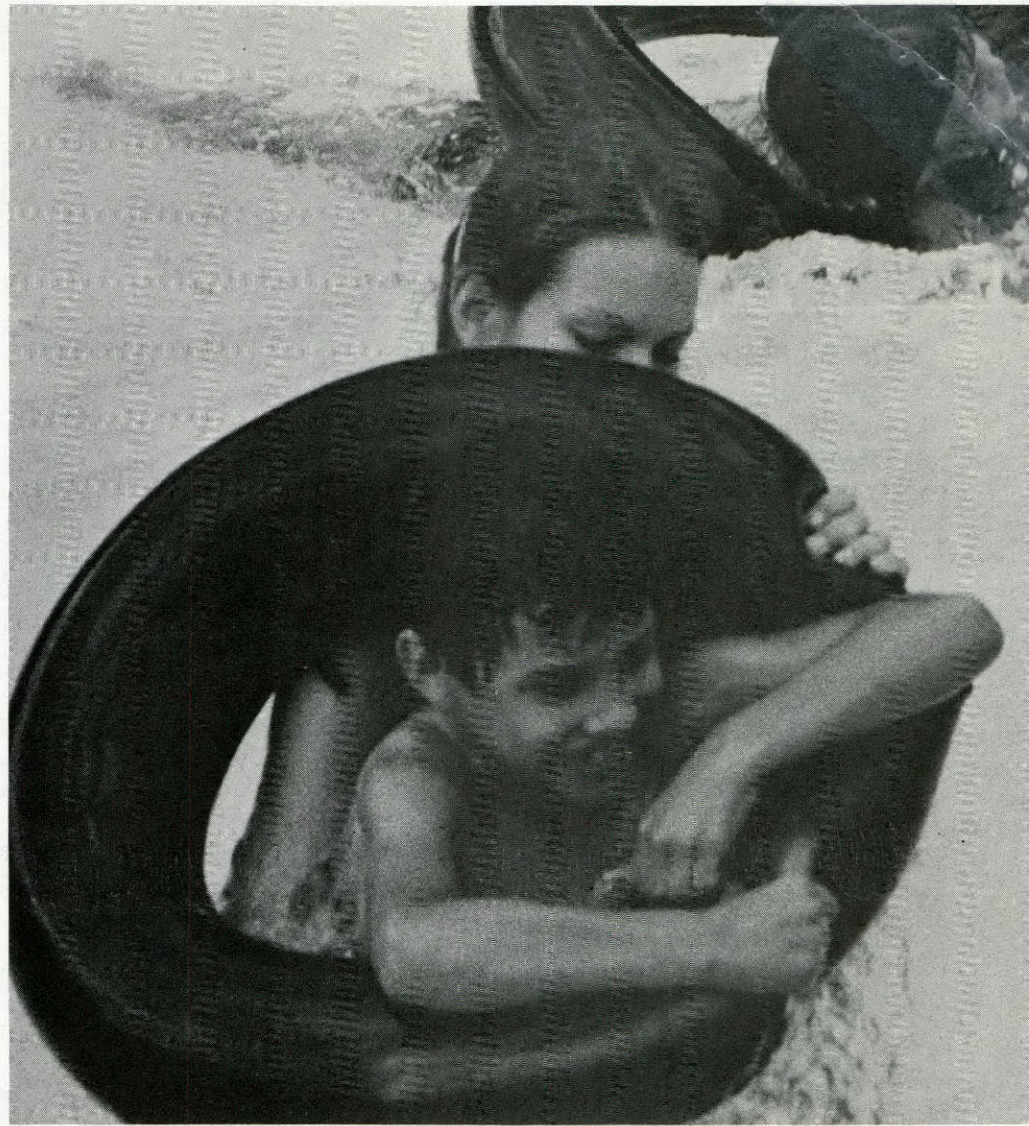
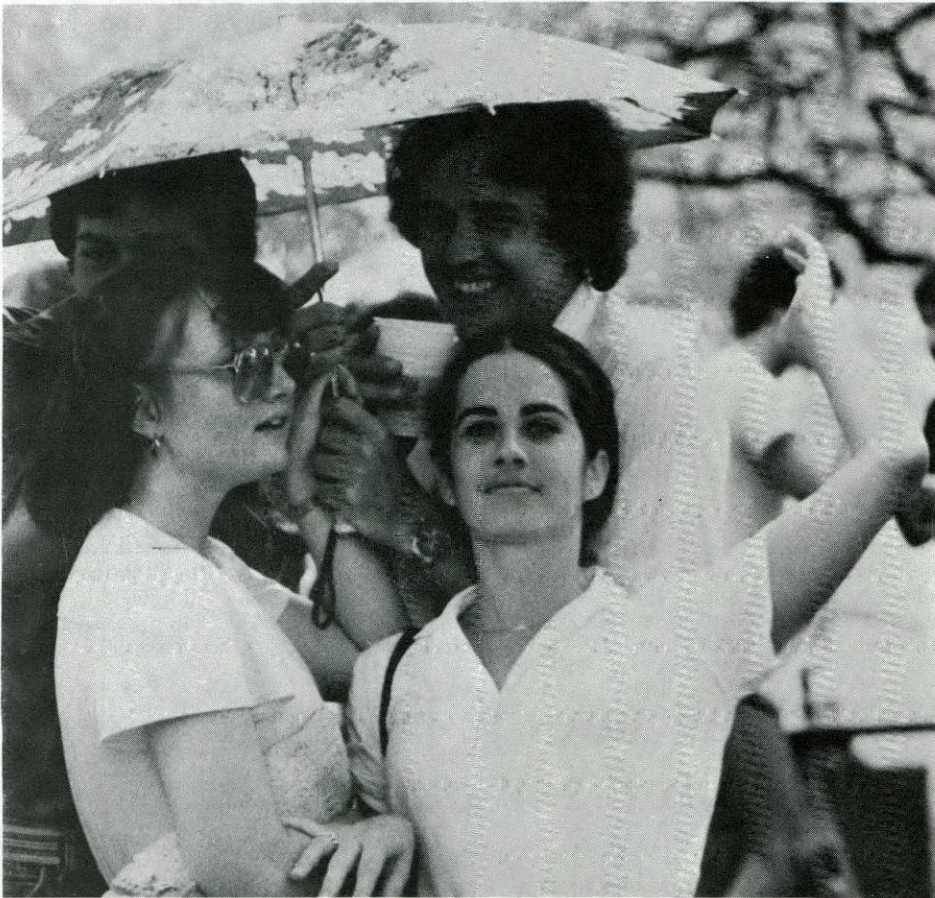
Swami Chinmayananda, in Houston last summer for heart surgery at the Texas Medical Center, returns this month for his first lecture series in Houston. As a part of his 1981 world tour the swami will give a 10-day series of lectures recommended but not required to be heard in succession. The lectures will be Aug. 13-19 at University of Houston in Agnes Arnold Auditorium at 7:30.

For more information contact Dr. A. S. Gopalakrishnan at 790-9282 or Nancy Patchen at 225-0064.



**HOST TO THE HOSTS** — The International Affairs Office honored the 33 families involved in the UT at Houston Host Family Program with a dinner at the Doctors' Club. Among the guests are (from left to right) Norman Morse, Martha Morse, chairman of the program; Dr. John Ribble, associate dean of the Medical School and co-chairman of the program; Dr. Mohin, Sindwani, co-chairman; and Dr. Kay Sindwani. Houston area families invite international visitors to their homes or to special events and try to help them adjust to American customs and traditions. (Photo by Jim Pastore, Physiology, Medical School)





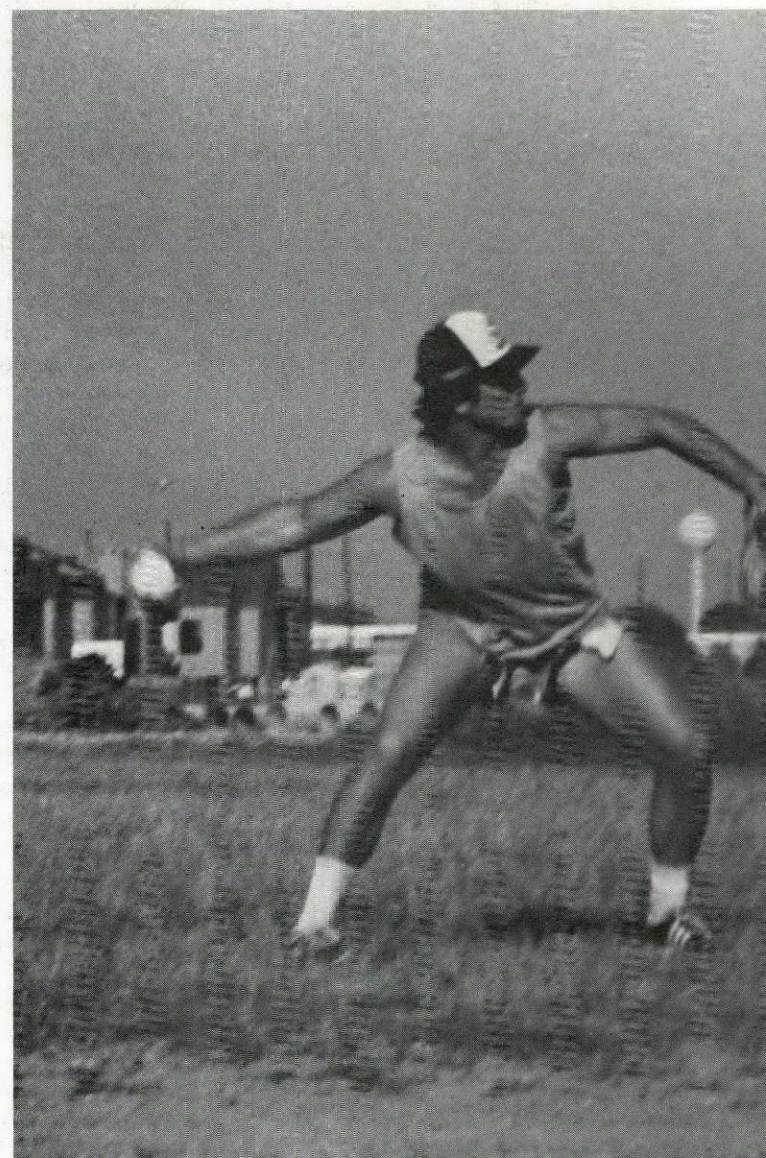
IF APRIL SHOWERS bring May flowers, what do summer showers bring? At least they don't dampen the enthusiasm of this foursome from Data Processing at the TGIF sponsored by the HSC-General Employee Relations Committee. In front are Bernadette MacCrory (left) and Lisa Stedman. Behind them are Jorge Leos (left) and Steve Wenzholz. (Photo by Gary Parker)

## The Lazyhazy



RELAXING WAY TO END THE DAY — Physical Plant employees (from left to right) Donald Tones, John Bell, Zeke Breaker and Booker Gaddie enjoy the HSC-General TGIF in

the picnic area near the Houston Main Building. (Photo by Gary Parker)



"REFORMED DIRTBALLS" second baseman Griff Thomas (a fourth year medical student) is safe at first base during a Recreation Center softball tournament game, above. At right, a second year medical student is safe at second base, despite the efforts of "Dirt Kids." Smith is a third year medical student. The games are played at a nearby Recreation Center Monday and Tuesday night all summer, the playoffs are in August. If you wish to participate in intramural sports, you'll get your chance with volleyball, football and squash this winter, and softball and squash again next spring. For more information contact the Recreation Center, 792-5885. (Photos by Doug Franklin, Recreation Center)

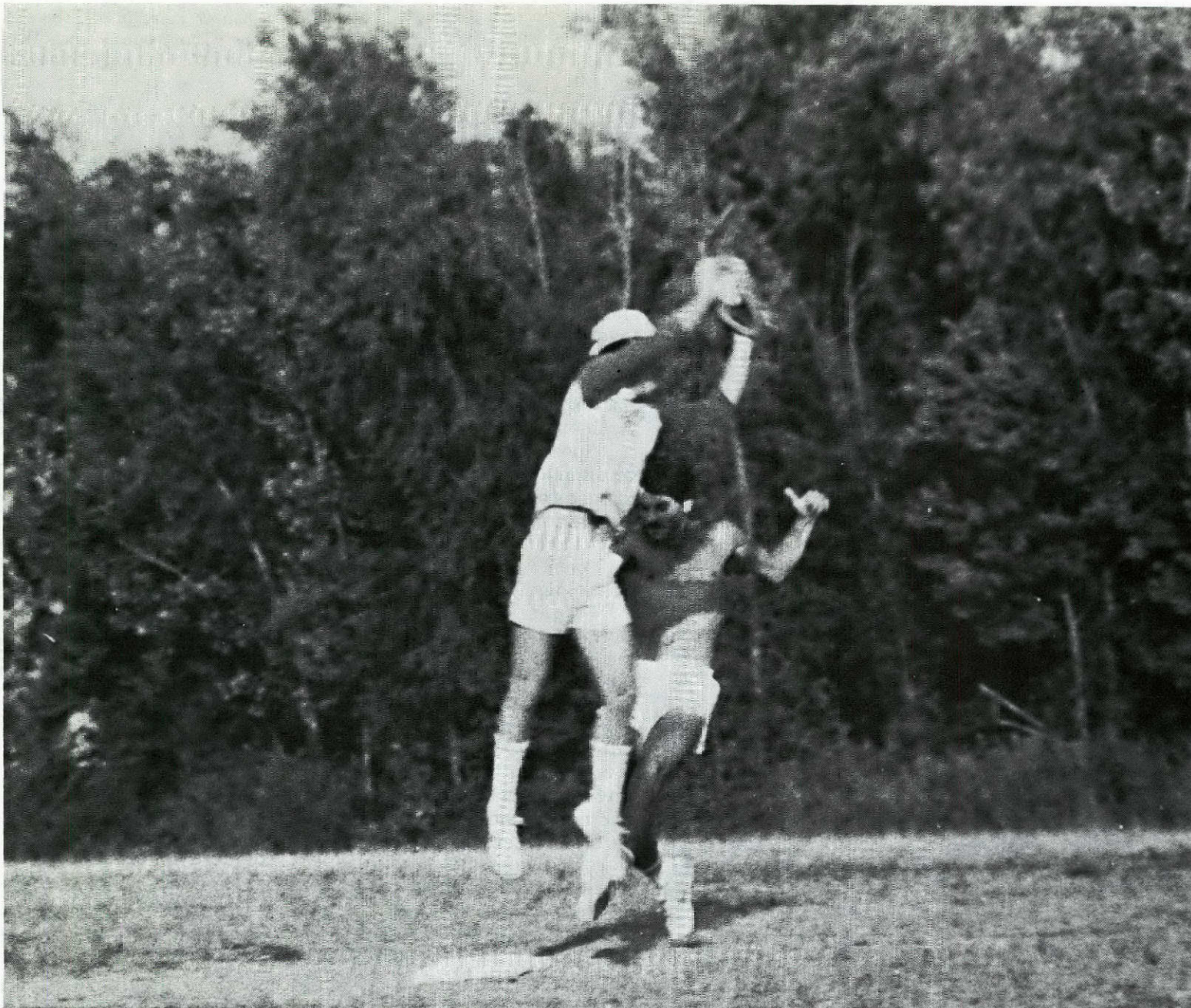


**GOOD TIMES FOR ALL, EASTER SEALS' STYLE** — The broad jump was one of many enjoyable activities planned and executed by the Easter Seals' staff at Camp Ailihpomeh (hemophilia spelled backwards). The camp, held in early June near LaGrange, was sponsored by the Health Science Center's Gulf States Hemophilia Center. Easter Seals provided counselors and program planners with expertise in recreational activities, while the center provided medical staff. At far left, Donna Oldfield, physical therapist for the center, aids a camper in an inner tube race during Olympics Day at the camp. Between relays, water sports, movies, horseback and crafts, the boys gained some memorable experiences. (Photos by Diane Broberg, Public Affairs, and Jennifer Tull, Development Office)

## Shutterbug

Don't forget to enter the Second Annual *HoUTexan* Shutterbug Sweepstakes. It's open to faculty, staff and students of the Health Science Center. Enter your pictures from Summer Vacation 1981 no later than 5 p.m. Sept. 8. For more information call 792-4259.

# crazy Days of Summer



(student) throws  
Charlie Sargent  
Smith of "The  
athletic field every  
you could be in  
fall, basketball  
act the Recre-

# Med School ceremonies honor new M.D.s

Because of the revolution in communications, the traditional one-way communications from the minority of physicians in academic medicine to the majority in the community is changing, the former director of the National Institutes of Health said at the Medical School commencement ceremony.

Dr. Donald Fredrickson described a "universal medical community linked through the computer." He pointed to the growing use of computers in private physicians' offices as well as in clinics and hospitals for record-keeping, consulting, prognosticating, and providing guidelines for treatments.

"The data handling revolution has finally overtaken the biological revolution — and none too soon," he said.

Dan Rice and Sandra Watkins received the two highest awards at a senior awards ceremony held June 12 at the Medical School.

Rice, who was president of the senior class, received the **Gold-Headed Cane Award**. Dr. Truman Blocker, acting president of the Health Science Center from 1977-78, presented the award. He is president

emeritus at UT Medical Branch in Galveston.

Runners-up for the Gold-Headed Cane Award were Cade Nelms and Michael Watkins. The winner was chosen by the senior class, and only keeps the cane for one year.

The cane itself is a replica of one found in the museum of the Royal College of Physicians in London that is said to have been passed from one outstanding British physician to another in the years from 1689-1825.

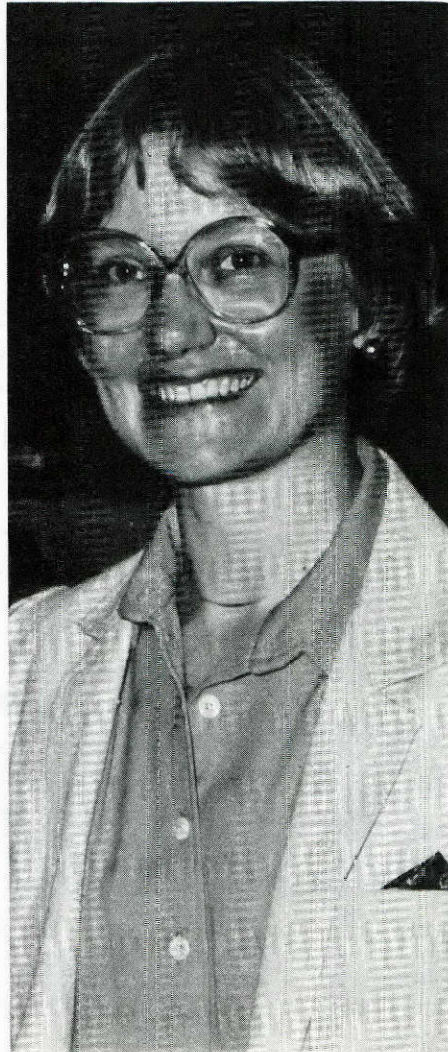
The full story is told in a book written by Dr. William Macmichael in 1884, *The Gold-Headed Cane*.

The announcement of Sandra Watkins' award, the **Walter G. Sterling Award for Excellence**, came after she was announced a co-recipient of the Outstanding Pediatrics Student Award. Cade Nelms shared that title with her.

The Sterling Award was chosen by the faculty.

Dr. Steven Kohl, associate professor of pediatrics, was elected by the students to receive the **John H. Freeman Award** for outstanding teaching.

He works with the Program in



THE SWEET SMILE OF SUCCESS — Sandra Watkins beams after receiving the Walter G. Sterling Award for Excellence at the Senior Award Ceremony. She is doing a pediatrics residency at the Children's Hospital, the University of Washington in Seattle. Pediatrics seems an appropriate specialty for her, as she won an outstanding student award from the pediatrics department. (Photo by Nancy McMullen, Medical Media Productions)

Infectious Disease and Clinical Microbiology, which won an award for being the **Outstanding Clinical Teaching Department**.

Special appreciation awards were given from the class to the registrar, Betty Murphy, and to the staff of the Student Affairs Office.

Outstanding students in each area were honored with departmental awards. They were: **Family Practice**, Mike Hagen; **Internal Medicine**, Grant Harrer; **Neurology**, Sara Michie; **Obstetrics and Gynecology**, Peter Scholl; **Pathology**, Sara Michie; **Pediatrics**, Cade Nelms and Sandra Watkins; **Pediatric Surgery**, Chris Malone; **Psychiatry**, Mike Lesem; and **Surgery**, Michael Watkins.

Other awards of excellence included:

The **Lange Medical Publications Award** for Susan Johnson and Robert Kelly; the **Mosby Scholarship Book Awards** for Charles Smith, Carla Underhill and Frank Zimba; The **Merck Manual Awards** for Claudia Werner, Patricia Salvato and Gordon Mitchell; the **Lemmon Company Student Award** for Don Koester; and the **Upjohn Achievement Award** for Robert Honea.

There were six **American Medical Women's Association Scholarship Achievement Citations** that went to Susan Hubbard, Sara Michie, Susan Pinerio, Cathy Schanzer, Theresa Steckler and Sandra Watkins.

Members of **Alpha Omega Alpha** honorary medical fraternity were introduced: John Beerbower, Allan Cook, Antonio DiSclafani, Grant Harrer, Peter Holmes, Alan Hubbard, Susan Hubbard, Robert Hurst, Scott Koenig, Kurtis Krueger, Barry Leshin, Sara Michie, Cade Nelms, Susan Pinerio, Cathy Schanzer, Peter Scholl, Theresa Steckler, Robert Thompson, Michael Watkins, Sandra Watkins and Thomas White.



WEAR IT WITH PRIDE, BUT ONLY FOR ONE YEAR — Dr. Truman Blocker, president emeritus at UT Medical Branch in Galveston, awards Dan Rice a replica of a famous cane fashioned in 1689 for an outstanding British physician. The cane will be passed on to next year's winner of the "Gold-Headed Cane Award." Rice is doing an internal medicine residency at University Hospital in Little Rock, Ark. (Photo by Nancy McMullen, Medical Media Productions)

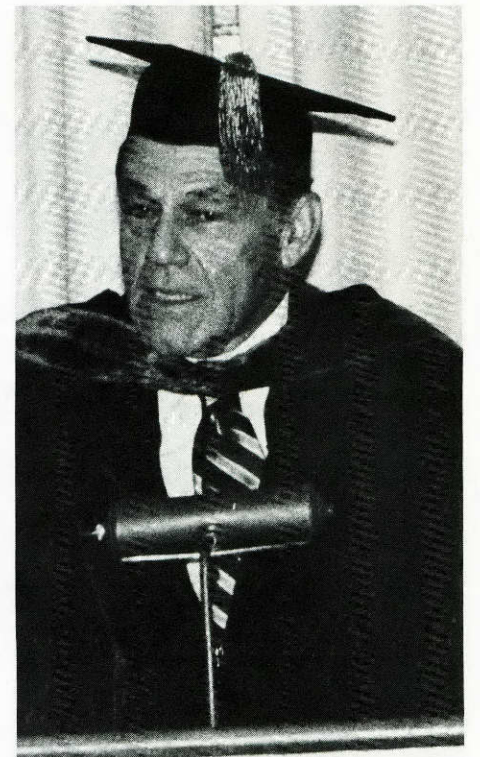
## Scientists must explain work

Scientists must do more than generate ideas. They must also maintain credibility in their field and must adequately explain what they are doing in order to maintain public, political and financial support, according to Dr. Norman Hackerman, a scientist who is now president of Rice University.

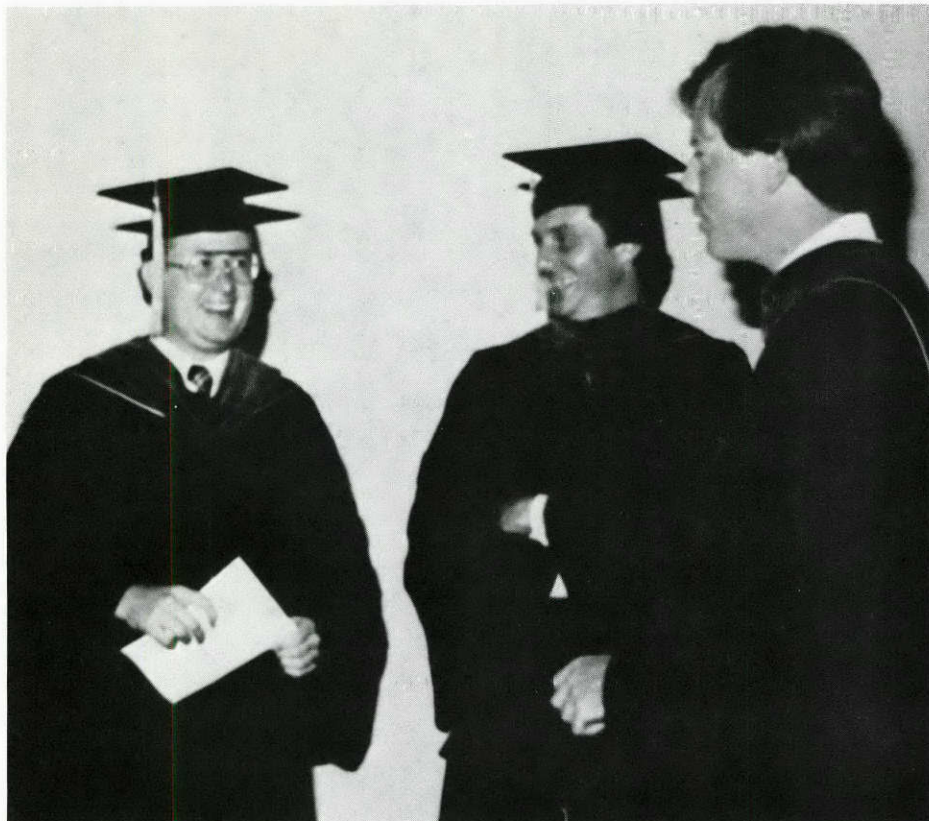
Speaking at the graduation convocation for the Graduate School of Biomedical Sciences, Hackerman called support of basic science an "investment in the future." He said that science is a vital first step to technology.

"We as people cannot afford to have just adequate science and scientists — but we need superior science and scientists," he said. And national programs of financial support are the only way to provide this.

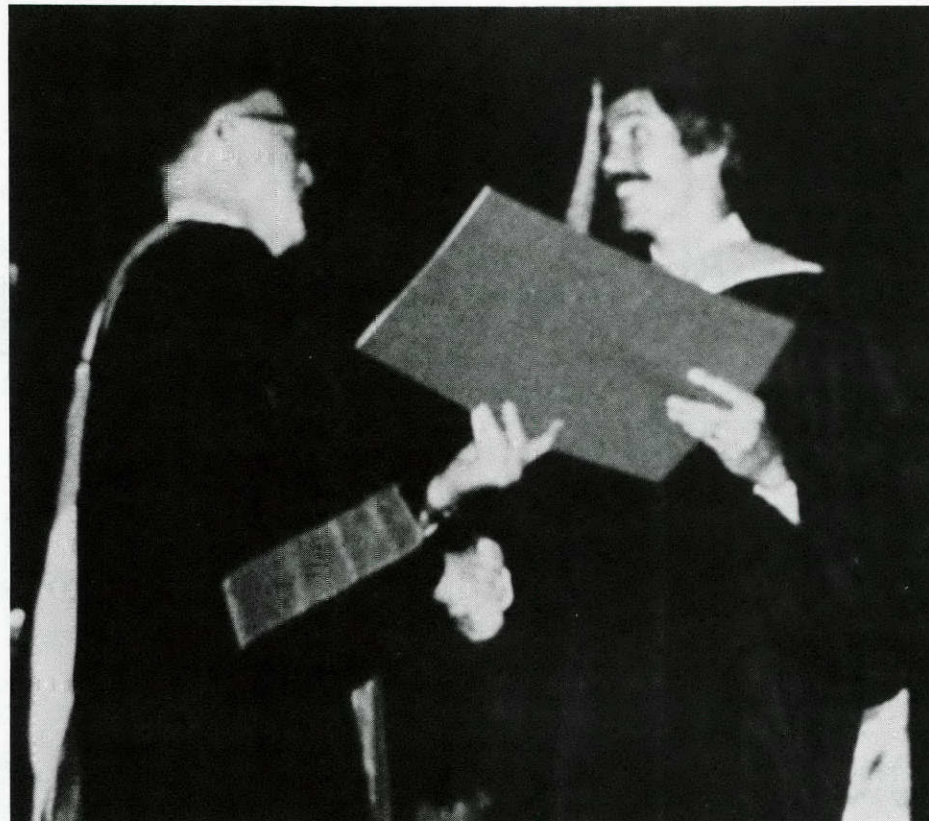
There is no real difference between basic and applied research, Hackerman said. "We do research in the fields of pure ignorance and perceived ignorance," he said. "In the field of pure ignorance, you don't know what you don't know. In the field of perceived ignorance, you see the gap. There is an infinite supply of ignorance. What you know is a smidgeon of what you don't know."



FULL OF FERMENT — The field of science is strong in spite of the decrease in innovation in this country, says Dr. Norman Hackerman, president of Rice University, at the commencement exercises for the Graduate School of Biomedical Sciences. (Photo by Gary Parker)



WAITING IN THE WINGS — Dental graduates (left to right) Sam Spence, George Smith and Henry Smith discuss how not to trip over their robes during the ceremony. (Dental graduation photos by Tim Fulton, Dental Branch)



CAN I REALLY KEEP IT? — An animated Charles Sutherland gets his just desserts from Dean Olson. Sutherland had previously received the Walter G. Sterling Award for Excellence this year.

## Advice to dentists: mature salesmanship

"I hate to go to the dentist!"

How many times a dentist has to hear that trite line. A sense of humor and a desire to be service-oriented are what today's dental graduates need, said Dr. Charles Jarvis, who spoke at the Dental Branch's commencement.

Jarvis, a graduate of the Dental Branch, is a humorist who warns, "People (patients) will get even with you by not coming back. You've got to sell yourself because people don't

know what you're selling. Be so good at what you do that they won't let you go out of business," he said.

He stressed the importance of maturity for today's dentist. "People want to blame everyone but themselves for everything; but make them laugh, then get them to learn that they're partners with you. Teach them to take care of themselves," he said.

"Just as marriage works as long as you think your spouse is better

than you are, dentistry works as long as you think of the patient as being better than yourself," he added.

An awards convocation was held on May 22 at the Dental Branch, and the following students were honored:

**UTDB Alumni Scholarship Award:** John Savoy.

**International College of Dentists Award:** Leticia Turullols.

**Alpha Omega Fraternity Scholarship Award:** John Savoy.

**Southwest Academy of Restorative Dentistry Award:** Gregory Harrison.

**Dentsply International Crown and Bridge Prosthetics Award:** John Savoy.

**Martin Cattoni Award:** Joe Bonnet.

**American Academy of Oral Medicine Award:** Gene DeWitt.

**Academy of General Dentistry Award:** Charles Sutherland.

**Texas Academy of General Dentistry Award:** Sammy Bryan.

**Pierre Fauchard Academy Award:** Gary Wesson.

**American Society of Dentistry for Children:** Yvette Vernor.

**American Association of Endodontists Award:** Timothy Shannon.

**Quintessence Book Award (dental student):** Susan Seybold.

**American College of Stomatologic Surgeons Award:** Sammy Bryan.

**Mosby Scholarship Book Awards:** John Savoy, Charles Sutherland, Janet Harrison.

**American Association of Orthodontists Award:** Nancy Heersen.

**Anatomy Award:** Charles Powell (freshman).

**Houston District Dental Society Community Dentistry Award:** Charles Cline.

**American Academy of Periodontology Award:** Gregory Murdock

**American College of Dentists Award:** Janet Harrison.

**Dentsply International Prosthodontic Award:** Sammy Bryan.

**Southwest Society of Denture Prosthesis Award:** Phyllis Holleman.

**H.O. Beck Award:** John Tuthill.

**American Academy of Dental Radiology Award:** Charles Sutherland.

**American Association of Oral and**

**Maxillofacial Surgeons Award:** Marcus McRoberts.

**Omicron Kappa Upsilon Electees:** Sammy Bryan, Dana Caledonia, Virginia Dube, Angela Earthman, Brian Ellis,

Gregory Harrison, Janet Harrison, Phyllis Holleman, John Savoy, Susan Seybold, Charles Sutherland, John Tuthill, John Valenza and Gary Wesson.

**Sigma Phi Alpha (dental hygiene students):** Victoria Arredondo, Catherine Gloria Foster, Cindy Glover, Vicky Hart and Gwen Westbrook.

**Houston District Dental Hygienists' Society Award:** Sally Turner.

**Dental Hygiene Clinic Award:** Vicky Hart.

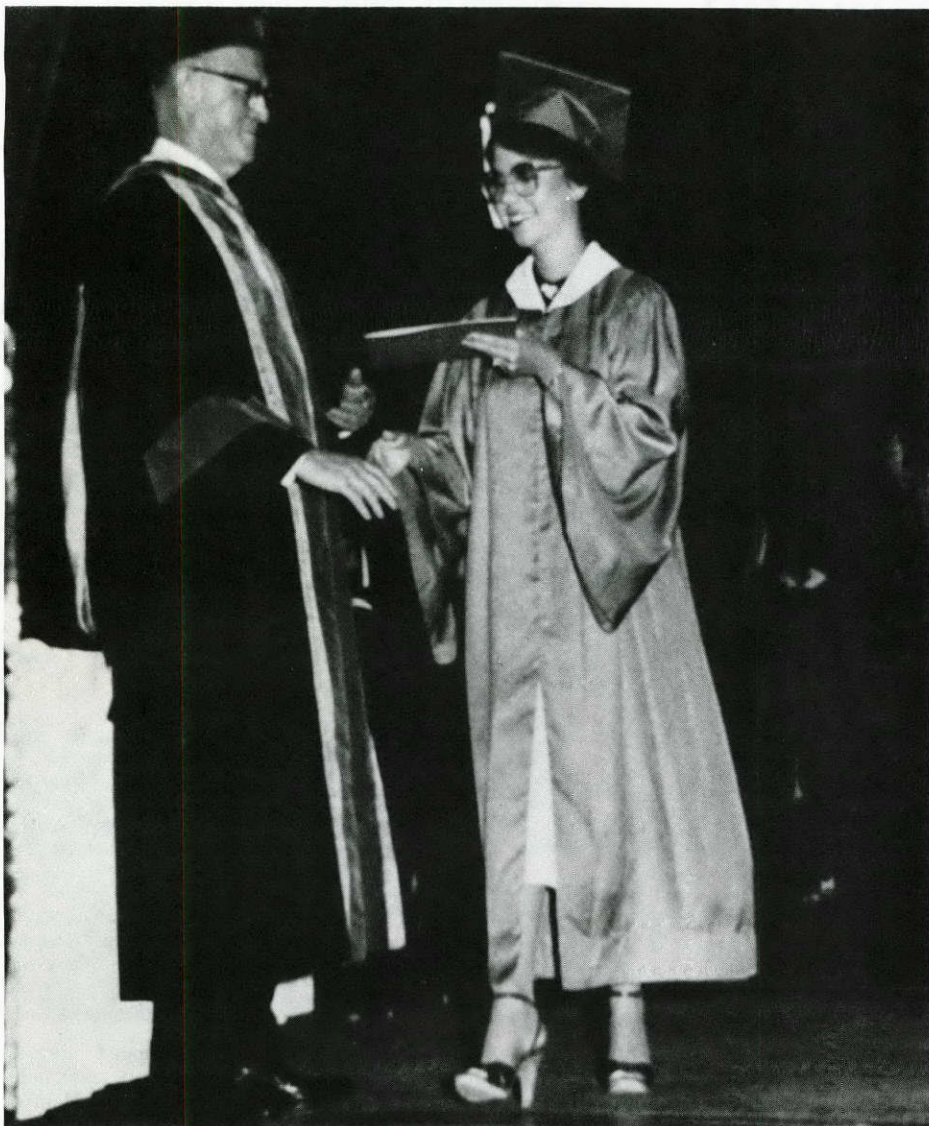
**Table Clinic Awards for Dental Hygiene:** Mary Beth Bosworth, Kathy Knippa, Cindy Wicmandy and Cindy Glover.

**Quintessence Book Award (dental hygiene student):** Jane Ellen Nelson.

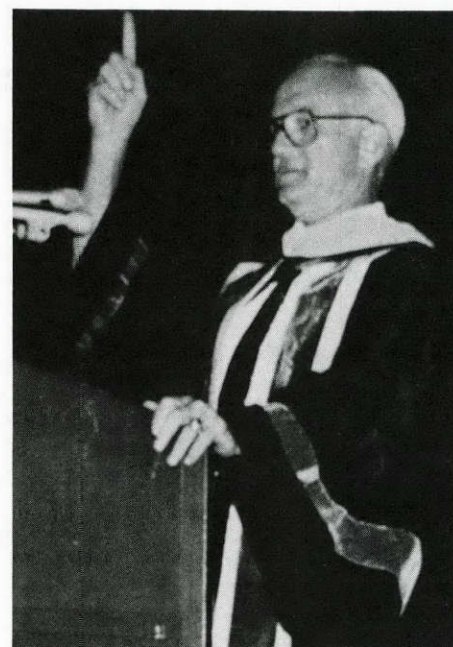
**Dental Assisting Program Clinic Award:** Martha Maria Donaldson.

**Houston District Dental Assisting Society Award:** Mary Ann Walichowski.

**Quintessence Book Award (dental assisting student):** Rachel Ann Juett.



THANKS SO MUCH — Dental hygienist Gina Blanchard receives a well-earned diploma from Dean Olson.



"WE CALL IT THE 'WET-FINGERED FIELD' OUT THERE" — Dr. Charles Jarvis warns the Dental Branch graduates about patients who may challenge a dentist's maturity and sense of humor.

# Allied Health commences

Dr. John McGovern urged graduating students at the School of Allied Health Sciences commencement exercises to "live for the day."

"Shut out yesterday's memories of failures and tomorrow's hopes and fears," he said, "and concentrate all your resources upon today, on getting on with the day's work. Daydreams and hopes for tomorrow won't cut it."

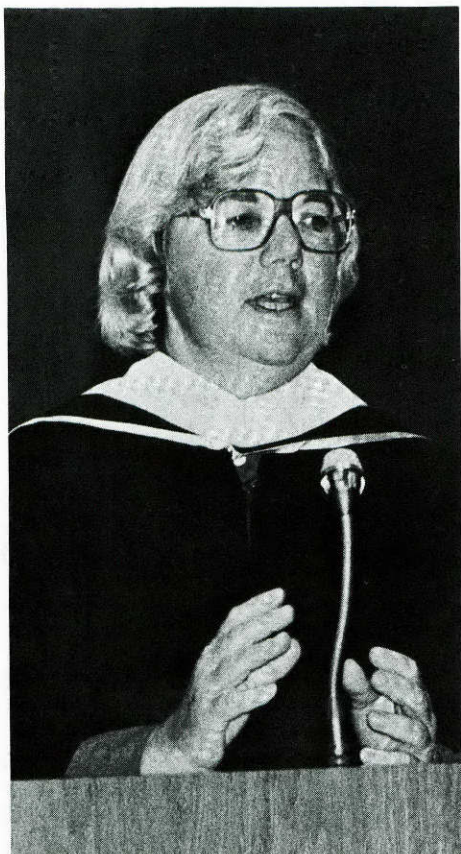
McGovern urged the graduates to action — "The man or woman who chooses not to act is choosing to be acted upon," he said. He concluded with the wish that the graduates "have the courage to persist."

McGovern is associated with several schools at the Health Science Center and is head of the McGovern Allergy Clinic.

Seven graduates of the school received special awards at the ceremony.

The **Outstanding Students** in the school's seven programs represented at graduation were: Cheryl Thayer Tryon in Biomedical Communications, Carol Jane Keiner in Cytotechnology, Barbara Lynn Parzuchowski in Medical Technology, Ruth Ann Burdett in Nurse Anesthesia, Jacquelyn R. Braisted in Nutrition and Dietetics, Brenda Elaine Sterling in Radiologic Technology and William Gandy in the Emergency Medical Services Program.

Instructors in six of the programs also received special citations. The **Outstanding Teachers** were Dr. Patricia S. O'Sullivan, Biomedical Communications; Debra Coughlin, Cytotechnology; Dr. John Olson, Medical Technology; Stephen C. Hays, Nurse Anesthesia; Dr. Saroj M. Bahl, Nutrition and Dietetics; and Joseph J. Foley, Radiologic Technology.



"HOW DIFFERENT the world of public health was 20 years ago than it is today," notes Beverlee Myers, commencement speaker at the School of Public Health's graduation exercises. Myers is director of the California Department of Health Services. (Photo by Gary Parker)



ALLIED HEALTH GRADS — Just graduated, diplomas in hand, these School of Allied Health Sciences graduates now prepare to enter the "real world." While the young man in the foreground seems prepared

to smooch his diploma, the woman in the center of the picture adopts a pensive look, and the woman just beyond her — sheer joy. (Photo by Gary Parker)

## Myers: 'a challenge now unfolding'

"The restructuring of the health care system is a challenge now unfolding," said Beverlee Myers, director of the California Department of Health Services, in her address to the graduates of the School of Public Health.

Some 166 degrees were conferred by the school June 12.

Myers spoke of "how we can solve our problems better as human beings," especially in the political environment of the 80s.

Myers related some of the problems presently facing California health care in these days of governmental cutbacks. As one solution she suggested an "organized health system — a team that offers comprehensive health care" to replace the plethora of specialists now involved in health care.

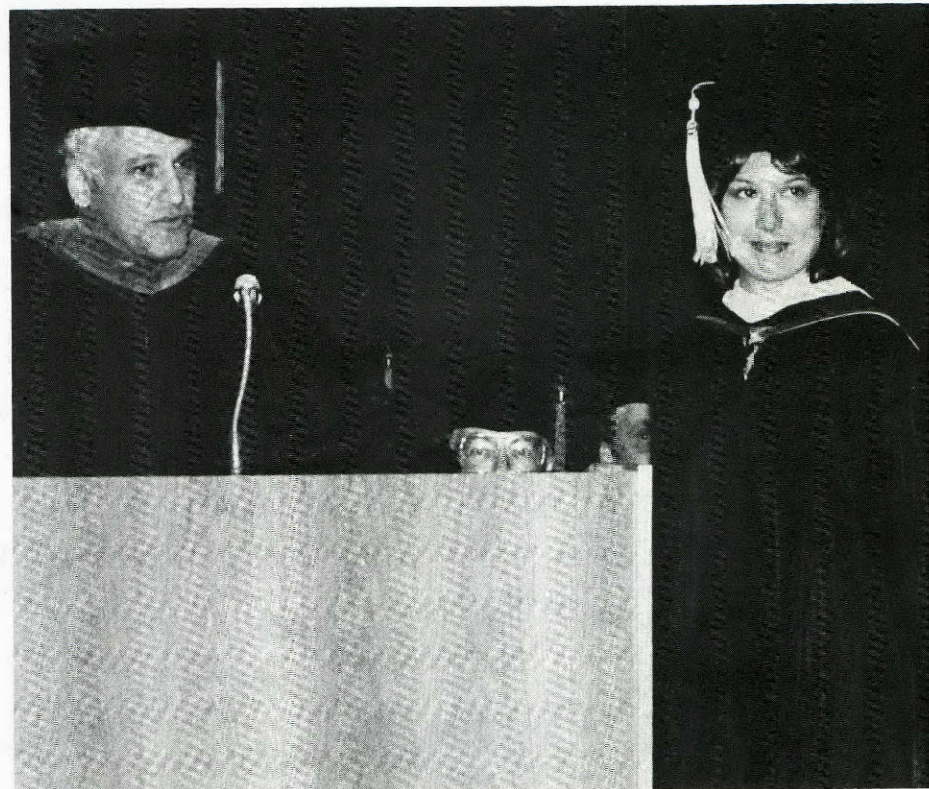
Several awards were given at the graduation. Two student awards were presented — both to the same person. The **James W. Hammond Industrial Hygiene Award** for the most outstanding graduate of the masters program in industrial hygiene went to Lynley Harris. Harris also received the **Dr. Richard K. Severs Memorial Award** for achievement in the environmental sciences.

In addition, representatives of the Air Pollution Control Association presented to Dean Reuel

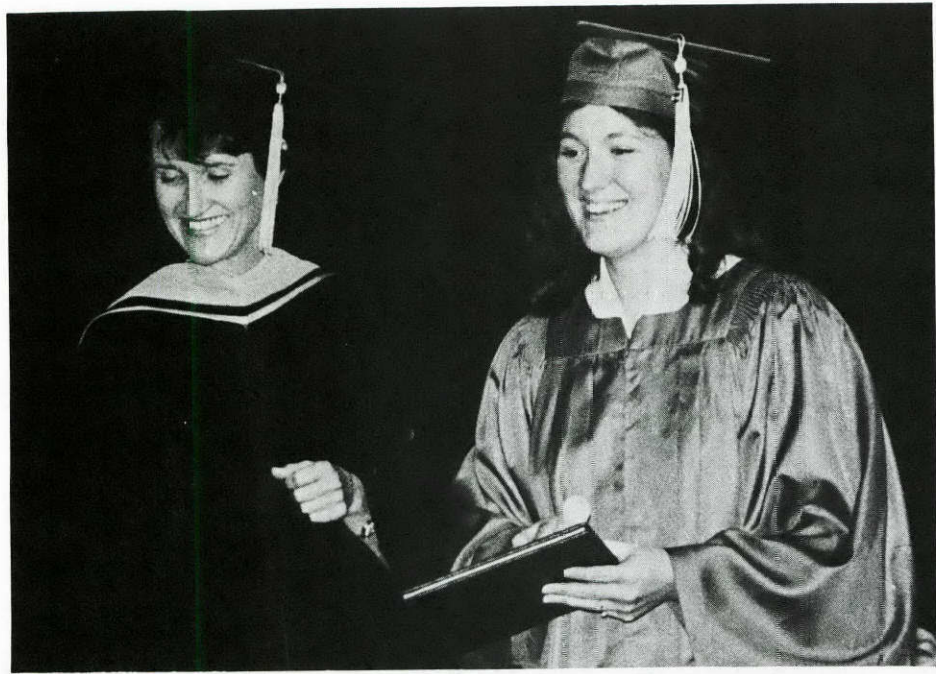
Stallones a special award to honor the work of the late Dr. Richard K. Severs.

Lois Monroe also received an

award in recognition of her years as registrar at the School of Public Health.



CONGRATULATIONS, CONGRATULATIONS — School of Public Health graduate Lynley Harris receives one of two awards she was given at commencement. Dr. Stanley M. Pier, left, associate professor of environmental health, presented Harris with both the James W. Hammond Industrial Hygiene Award and the Richard K. Severs Memorial Award for achievement in the environmental sciences. Harris received a master of science degree. (Photo by Gary Parker)



**OUTSTANDING** — Brenda Sterling, right, was one of seven students graduating from the School of Allied Health Sciences to be named Outstanding Student in their respective programs. Sterling graduated with highest honors from the Program in Radiologic Technology. At left is Dr. Kay Andreoli, acting dean of Allied Health. (Photo by Gary Parker)

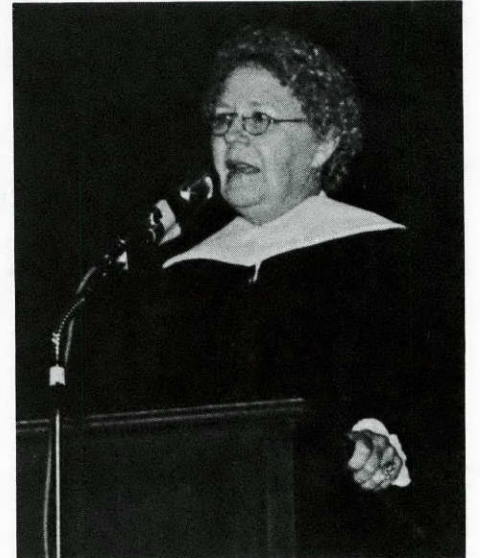
## Nursing grads receive awards, advice from UT-Austin dean

For nursing as a profession to survive with distinction requires collaboration with others in the health care delivery system, said the dean of the UT-Austin School of Nursing at the graduation ceremony for the Houston Health Science Center's School of Nursing.

"I think we must work more closely in the future with colleagues in recognizing the importance of the complementary role we each have with one another," Dr. Billye Brown said. "The goal of these liaison activities should be toward improvement of patient care — whatever activities you engage in should be directed toward that goal."

She said another need for the nursing profession to survive with distinction is a good self-image or self-esteem.

"Care for our young nurses — they need to know that someone is there to give a hand if they falter," Brown said. "This is important to the self-image; and the self-image of nurses, in my estimation, is an important characteristic which we in education and each of us as individuals have a responsibility to help



**Dr. Billye Brown**  
UT-Austin School of Nursing

develop in students and in new graduates."

At the commencement ceremony Dr. Arlowayne Swort, dean of the Houston nursing school, presented the **Linda Britton Award** to Nancy Carlisle, a Bachelor of Science in Nursing (BSN) graduate. The award was established in memory of a Hermann Hospital Life Flight nurse who died in 1979. It is given annually to a nursing student who demonstrates outstanding clinical achievement.

Nancy Fasano, assistant dean for the undergraduate program, presented the **Sigma Theta Tau honorarium** to Carol Saunders, who also received a BSN degree. Sigma Theta Tau is a nursing honorary society.

Members of the June, 1981 graduating class who were elected to **Sigma Theta Tau** were: Susan Dickerson, Carol Hart, Constance Hudson, Lisa Koch, Ann Lindsey, Marlene Lindstrom, D.D. White-Skaug, Vicki Smuts, Anne Stefan, Patricia Thiele, Linda Warren and Margaret Wilson.

Awards in the School of Nursing for the **December, 1980 class** were:

**Academic High Honors:** Anne Burge Patricia Moore and Susan Paplanus.

**Academic Honors:** Marianne Debell, Sherry Dillenborg, Sandra Eppink, Georganne Hatton, Lisa Koch, Jeanine Kunkel, Cynthia McKee, Ofelia Mendez, Donna Moran and Marc Rosenthal.

**Nursing Highest Honors:** Anne Burgess, Sandra Eppink and Patricia Moore.

**Nursing High Honors:** Cynthia Fullbright and Susan Paplanus.

**Nursing Honors:** Lisa Koch, Ofelia Mendez and Donna Moran.

Those honored in the **June, 1981 class** were:

**Academic Highest Honors:** Susan Dickerson and Linda Warren.

**Academic High Honors:** Vicki Smuts and Anne Stefan.

**Academic Honors:** Myra Delaplain, Carol Hart, Lisa Koch, Leslie Leeder, Marlene Lindstrom, Ann Mommessin, Carol Saunders, D.D. White-Skaug, Patricia Thiele and Tamora Tidwell.

**Nursing Highest Honors:** Susan Dickerson, Carol Hart, Anne Stefan and Linda Warren.

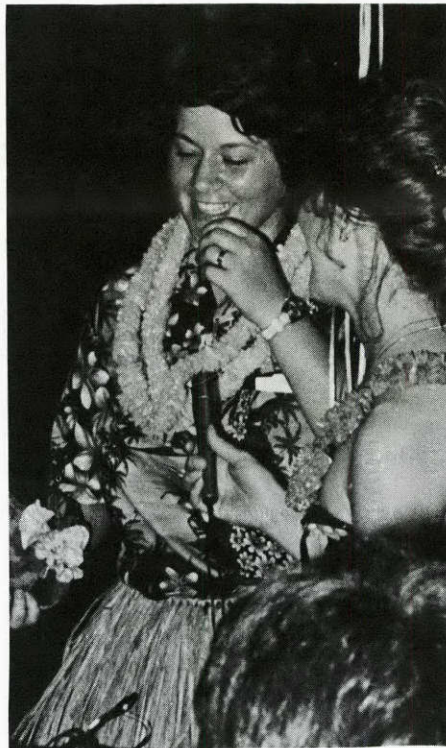
**Nursing High Honors:** Mary Bench, Ann Mommessin, Mary Newman and Carol Saunders.

**Nursing Honors:** Myra Delaplain, Heike Hartmann, Mary Higgins, Constance Hudson, Lisa Koch, Susan Landry, Leslie Leeder, Ann Lindsey, Marlene Lindstrom, Virginia Manning, Toni Petrey, D.D. White-Skaug, Vicki Smuts and Patricia Thiele.

## Aloha to graduates

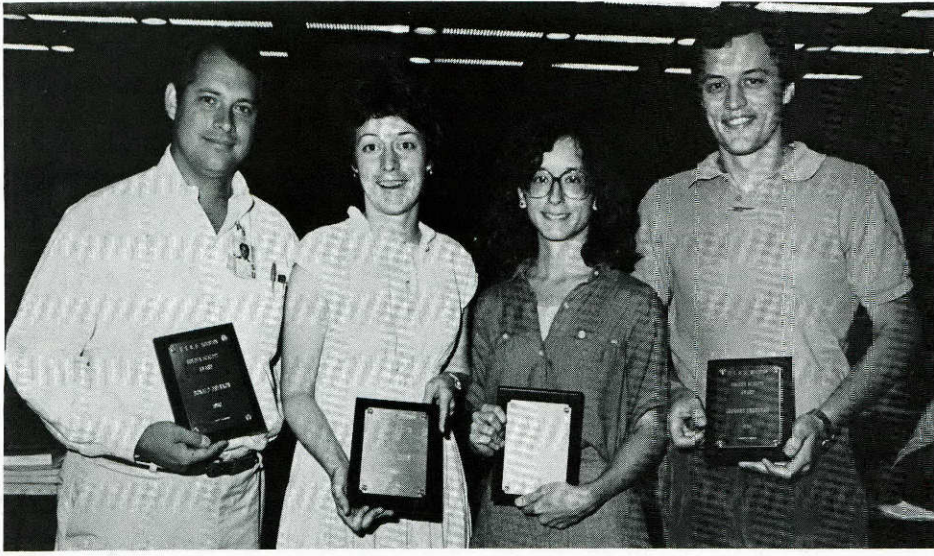


**FAVORITES** — Graduating seniors in the School of Nursing voted to present special awards at the luau they gave for themselves, their families, friends and faculty, June 6, in the Houston Main Building. Above left, Nancy Carlisle receives an award as class favorite. She was also the student speaker at graduation and received the Linda Britton Award. Above right, Nancy Fasano, assistant dean for undergraduate studies, receives a special appreciation award for helping plan the luau. At right, Brenda Ford receives recognition as wittiest from Carole LaMonica. Susan Dickerson was also voted wittiest and most likely to succeed. (Photos by Dave Boothby)



**FLOWERY SPEECH** — Carole LaMonica (right) presents a plaque to Patty Walker for being voted friendliest in the class at the luau for graduating seniors in the School of Nursing. LaMonica received a special

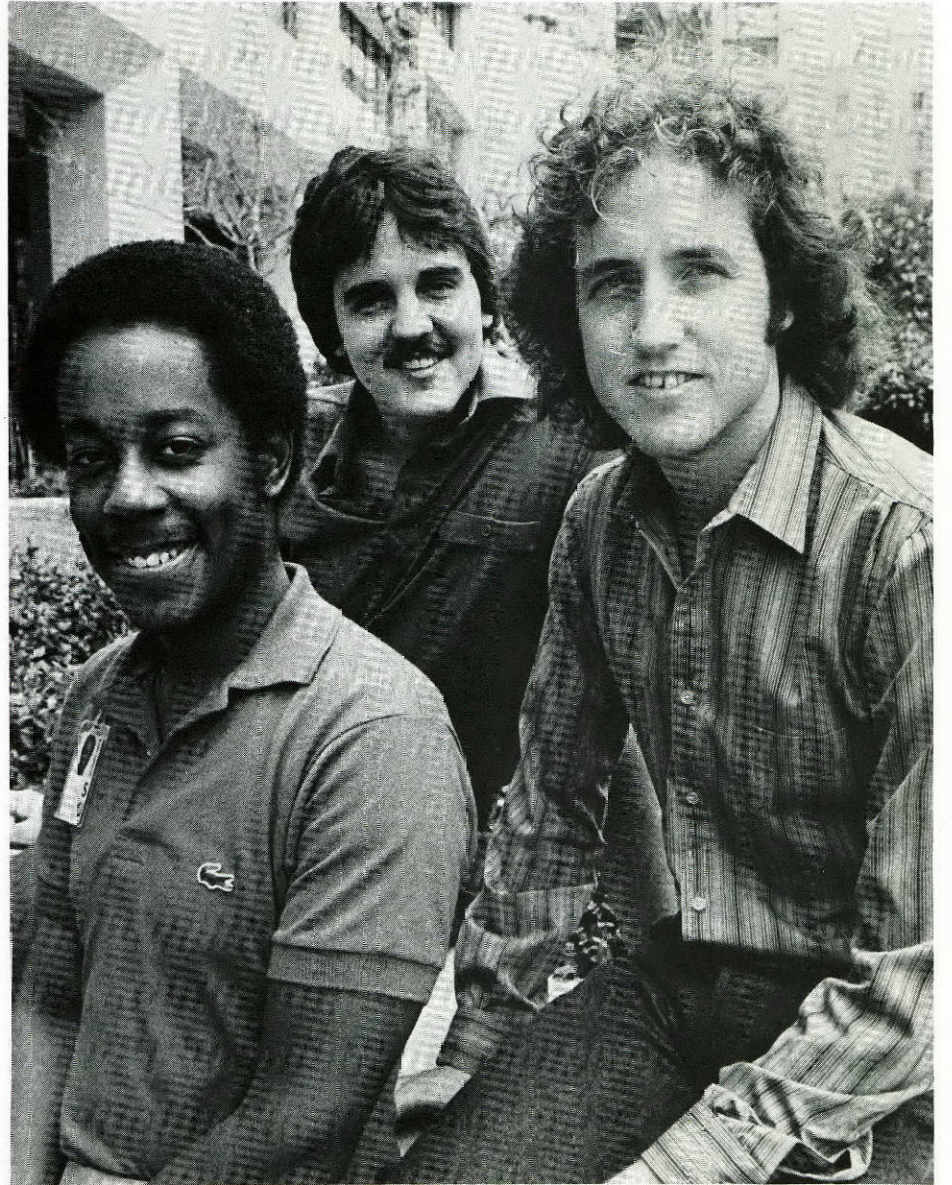
appreciation award for chairing the luau planning committee. (Photo by Dave Boothby)



**SHARP STUDENTS** — The Golden Scalpel Award in the Medical School has been established to recognize outstanding dissection work completed by first-year students. Winners of the first awards are (left to right) Donald Drennon, Karen Steinmetz, Sandra Eriks and Gregory Erdeljan. Faculty members instrumental in establishing the award were Dr. John Linner and Dr. Ror Philo, both in the Department of Neurobiology and Anatomy. (Photo by Jim Pastore, Physiology, Medical School)



**THREE SCHOLARS** — All three of the above have at least two things in common. All are June class students in Allied Health's Program in Medical Technology. And each is the recipient of a scholarship from the Hermann Hospital Scholarship Fund. They are (from left to right) Cynthia Butler, Tang Quoc Ta and Catherine Hill. (Photo by Gary Parker)



**CONGRATULATIONS** — Medical students (left to right) Farris Blount, Guy Culpepper and Andy Aldrich received scholarships for their work during their first year of school. Blount is the recipient of the Cooper's Industries Scholarship for First-Year Medical Students. The Southern Medical Association awarded scholarships to Aldrich and Culpepper, who also received an Honor Scholarship from the Medical School. Margaret Thurmond (not pictured) is a participant in the Texas State Scholarship Programs. (Photo by Brad Perkins, Pathology, Medical School)

## Baha'i concerned with intolerance

By Ina Fried

Religious persecution — it was one of the reasons that the Pilgrims took their dangerous journey to America to establish the colonies that later became the United States.

Although modern Americans may complain of instances of religious discrimination, government-sanctioned religious persecution is more difficult to understand.

Not so in Iran. In that country, where the head of state is also the head of the dominant religious group, persecution is a fact of life. Recently Iran's High Court of Justice began ordering the executions of members of the Baha'i faith, a non-Moslem Iranian-founded faith that preaches universal brotherhood.

From the beginning of the Ayatollah Khomeini's rule in Iran, more than two years ago, the Baha'is have been subjected to mob action tolerated by the government, explained Dr. Robert Morrow, a resident in pediatrics at the Medical School. He has been a member of the Baha'i faith for 11 years.

Reports have cited the confiscation of all Baha'i properties, the destruction of homes, dismissals of Baha'is from their jobs, the desecration of Baha'i cemeteries, and the demolition of the holiest Baha'i shrine in Iran, a place of pilgrimage for all Baha'is in the world.

Now Baha'is are being executed on charges of spying, collecting

funds for Israel, and enjoying favored status during the reign of the Shah Pahlavi.

The charges are obviously false to anyone who knows the history of Baha'i or its beliefs, Morrow said.

The religion has been regarded by the Moslem clergy as heresy since it began 137 years ago, he said. At that time a young prince, Baha'u'llah, declared himself a messenger of God. He preached the fundamental unity of the founders of all the world's religions, the oneness of all the races of mankind, the equality of men and women, and the necessity of establishing a world government to ensure universal peace.

Baha'u'llah was exiled from Iran because of his teachings. Because he and his son lived in Palestine (now Israel) for many years, the world center of the faith was established there. The Baha'is established their Universal House of Justice in Haifa in 1963. Elected representatives from over 130 national spiritual assemblies meet there.

About 600 Baha'is live in the Houston metropolitan area. The national headquarters is in Wilmette, Ill.

The first martyrs were farmers and peasants, but through the religious laws, which require the education of both boys and girls, require members to work, and prohibit gambling, the Baha'i community in Iran

became prominent, said Melanie Ehni, a senior medical student here. She has been a Baha'i for seven years.

"Members of the religion are instructed to obey the laws of the land where they live, and they are expressly forbidden from any subversive activity," Morrow said. "Baha'is don't belong to any political party but they do exercise the right to vote.

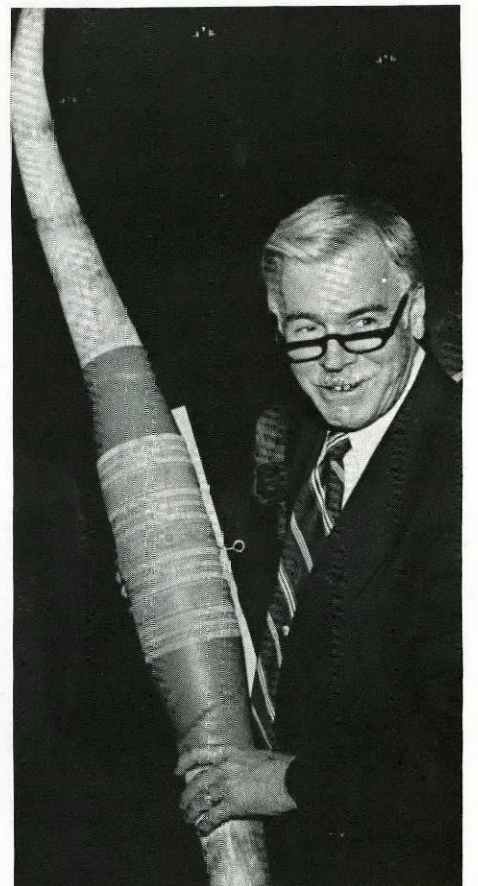
"Baha'is are expressly forbidden from retaliating for persecution, so they make ideal scapegoats," he added. "The frustrations of the Iranian people are being poured out on the Baha'is."

Baha'is around the world have appealed to UN Secretary General Kurt Waldheim and other government leaders to intervene on behalf of the Baha'is in Iran. In addition they are trying to educate people to understand what is happening to their members in Iran.

## Kiddie Korner

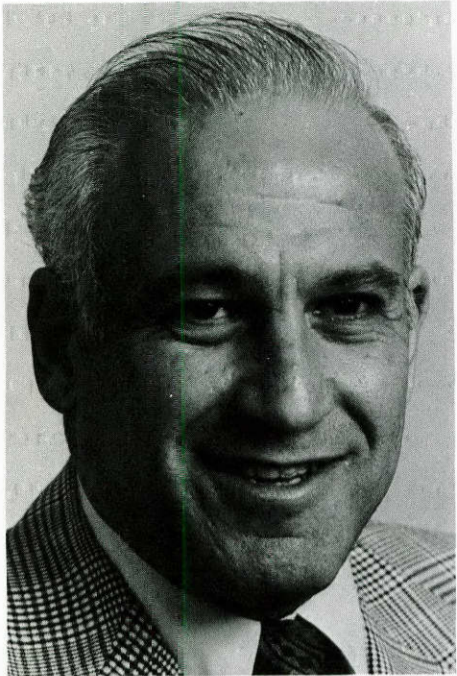
If you are an HSC student, faculty member or employee; or the spouse or teenage child of one; and you would like to babysit, send your name, phone number and general location of your home to Public Affairs, Room 1117, Houston Main Building. Please indicate if you prefer certain times.

Christine Oser, Sharpstown, 772-0397, prefers days and weeknights.



**SOMETHING HORNED IN ON THE ACT** during a farewell gathering for Dr. Robert L. Tuttle June 25 in the Doctors' Club. President Bulger, who earlier had given Tuttle a University of Texas chair presented him with a six-foot-wide set of Texas Longhorn horns, a gift of which Tuttle smilingly approved. Dean of the Medical School from 1975-81 and associate dean for five years before that, Tuttle joined the faculty and administration of the Texas Tech University Health Sciences Center School of Medicine July 1 as professor of internal medicine, associate dean and assistant to the president for Tech's El Paso Regional Academic Health Center. (Photo by Gary Parker)

# 'Hey Darling!' calls a big crowd



Dr. Stanley M. Pier  
School of Public Health

## Pier chosen new director

Dr. Stanley M. Pier is the new executive director of the Nickel Producers Environmental Research Association (NiPERA).

Pier, an associate professor of environmental health at the School of Public Health, will coordinate a research program concerning nickel production. Drawing on his own experience in environmental toxicology and the experience of his colleagues at the Health Science Center, Pier will develop a program with particular emphasis on the development and dissemination of new data concerning environmental and occupational health matters related to nickel production.

The research will be carried out at institutions around the world.

NiPERA is a not-for-profit association of 13 nickel producers with headquarters in nine different countries. Its new address is P.O. Box 20186, Houston, Texas 77025. Pier is interested in hearing from researchers with interest and expertise in the health effects of nickel and its inorganic compounds.

By Diane Broberg

If it's true that the family that plays together stays together, then the family that works together should stay together better still, right? Dinnertime discussions are often Health Science Center-related for the Darling family, since all of them work here.

Jack, whose real name is Kenneth, is the proud papa of the clan and was the first to start working here in 1965 at his present position, assistant director of the Dental Science Institute. At the time he was a retired Air Force hospital administrator who had traveled extensively while raising his family. His wife, Jane, was retired from civil service.

Jane found that her retirement lasted exactly 16 days, because "Jack heard about a good job opening at the Dental Branch," she said. She took the job and is still there as assistant editor of the *Journal of Dental Research*.

Son Jeff was next to join the UT fold. He was a "union card-carrying guitarist," he said, and played for audiences everywhere from Astroworld to the Houston Children's Ballet.

Unfortunately, the jobs were not providing the steady income he would have liked, he said, and he began to think of starting a career that would pay the bills. He considered going back to college to study business, but his Dad convinced him to try some work in that area first.

Because the HSC was close to home (and not just because his parents both worked here, he insists), Jeff started out here in the summer of 1978 as a purchasing expediter. He soon became a buyer, and is now a purchasing coordinator, working on the sixth floor of the Main Building.

His sister Jackie started working at the Medical School in 1979 after moving back to Houston from California. She is an administrative secretary in the internal medicine

department. She is affectionately called "Rabbit Mama" by her colleagues because, she said, she often helps the research assistants with the rabbits they are using for hypertension research.

If the conversations at Darling family gatherings are not about work, then they most likely are about horses. Jack, raised on a farm to love horses, now owns a stable and has trained the whole family to be professional horsemen. Even though the Air Force moved them frequently to new places, the family tried to keep riding horses.

Although Jane is the only fami-

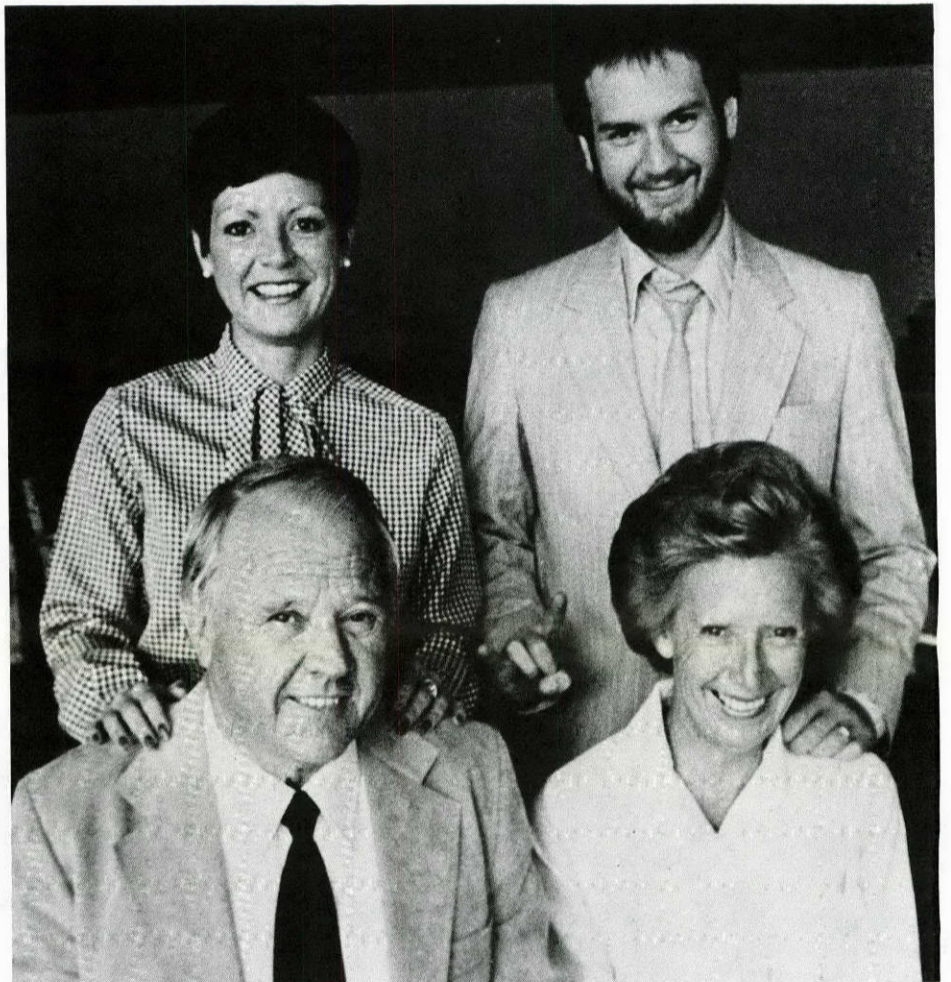
ly member who still rides daily and in shows, Jack frequently judges shows, and both Jack and Jane are horse stewards with the American Horse Show Association, Jackie said.

"Horse stewards are like lawyers; they are rules interpreters," she added.

Jane became interested in horses after marrying Jack. "It was self-defense; I got tired of cleaning stalls and being a groom," she explained.

So far, the family has not forced its newest member, Jeff's wife Jan, to work here. But time will tell — she's already riding horses.

UT



THE FAMILY THAT WORKS TOGETHER STAYS TOGETHER — Everyone in the Darling family (except Jeff's wife, not pictured) works at UTHSC. Seated are Jack (Kenneth) and Jane; standing are Jackie and Jeff (Hook 'em horns!) (Photo by Gary Parker)

# Suggestions made for aging meeting

By Ina Fried

Retired for 16 years, he's never been busier in his life, said George Bray, a member of the Governor's Committee on Aging and a workshop leader at the Southeast Texas Open Forum for the White House Conference on Aging.

Changing attitudes toward the elderly so that they can contribute more to society was just one of the issues discussed by citizens interested in the concerns of older Texans at the forum in the Medical School.

Almost 19,000 Texans have participated in conferences and forums to define the issues and recommendations to be made at the White House Conference in Washington Nov. 30-Dec. 4. The White House Conference is held every 10 years to mold U.S. policies on aging.

One of the problems in dealing with the issues of the elderly is that

there are so many problems, one participant commented. But many of the problems boil down to what Dr. Charles Gaitz characterized as "where we're going to spend a limited number of dollars." Gaitz is director of the gerontology unit at the Texas Research Institute of Mental Sciences (TRIMS) and was planning chairman for the Houston forum. He is one of the 76 delegates who will represent Texas at the national conference.

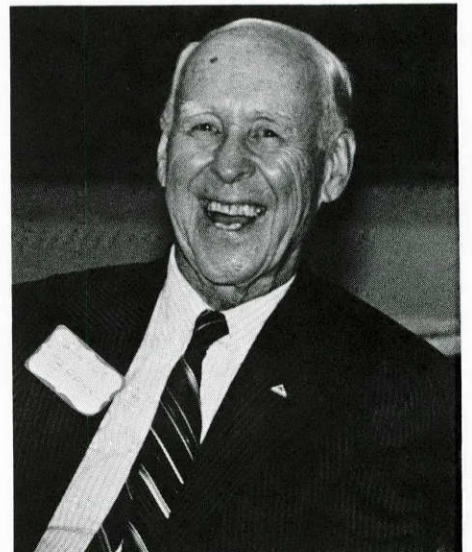
Among the recommendations considered at the forum were the following:

- Initiate tax relief for the elderly.
- Remove Social Security limitations on earnings of the elderly.
- Provide a continuum of health care services and increase the array of Medicare benefits.
- Develop more housing alternatives to institutionalization.

- Provide more information, outreach and referral for minorities concerning existing programs.
- Coordinate transportation resources and promote research on transportation requirements of the elderly.
- Increase nutritional programs.

The Houston open forum was planned by representatives of the Southeast Texas National Delegates to the White House Conference on Aging, the Health Science Center, TRIMS, Houston-Harris County Area Agency on Aging, Houston-Galveston Area Agency on Aging, Governor's Committee on Aging and Harris County Community Development.

Dr. Ben E. Dickerson is Southeast Texas Region chairman; Jane Sanborn was forum coordinator; and Jamye Winters is Southeast Texas Region secretary.



NEVER BUSIER — George Bray leads a workshop on economics at the Southeast Texas Open Forum for the White House Conference on Aging. He has been a member of the Governor's Committee on Aging. (Photos by Gary Parker)



# Calendar

This calendar lists events open to Health Science Center faculty, staff and students. Notices of events for the September issue can be accepted at Public Affairs, Room 1117, Houston Main Building, or 792-4266, no later than Aug. 3.

## Saturday, August 1

8:30 p.m. Houston Shakespeare Festival: "The Merchant of Venice," Miller Outdoor Theater, Hermann Park. Also Aug. 5, 7, 13, 15. Free. For information call 222-3576.

The Catholic Student Center, 1703 Bolsover, offers Liturgy of The Eucharist every Saturday at 5 p.m. and every Sunday at 9 and 11 a.m. The Sacrament of Reconciliation also is offered each Saturday at 3:30 p.m. or by appointment. For information call 526-3809.

## Monday, August 3

The Catholic Student Center, 1703 Bolsover, offers Liturgy of The Eucharist each weekday at 5 p.m. Also at The Institute of Religion each weekday at 12:10 p.m. For information call 526-3809.

7 p.m. Alley Film Festival: Hitchcock's "Rebecca," Alley Theater. All seats \$1. Also 9:30 p.m. Repeated Aug. 4, 5. For information call 228-8421.

## Thursday, August 6

8:30 p.m. Houston Shakespeare Festival: "A Midsummer Night's Dream," Miller Outdoor Theater, Hermann Park. Also Aug. 6, 8, 12, 14. Free. For information call 222-3576.

## Friday, August 7

Employee Relations: Guadalupe River whitewater adventure. For information call 792-4911.

Deadline for submitting research proposals to be reviewed by the Committee for the Protection of Human Subjects. For information call 792-5048.

## Monday, August 10

Hermann Hospital and UT Medical School: Life Flight Symposium, Shamrock Hilton Hotel.

7 p.m. Alley Film Festival: "The Maltese Falcon," Alley Theater. All seats \$1. Also 9:30 p.m. Repeated Aug. 11, 12. For information call 228-8421.

## Friday, Aug. 21

Meeting of the Committee for the Protection of Human Subjects. For information call 792-5048.

8:30 p.m. Southwest Jazz Ballet with U.S. Navy Band, Miller Outdoor Theater, Hermann Park. Also Aug. 22. Free. For information call 222-3576.

## Friday, August 28

8:30 p.m. Country and Western Show, Miller Outdoor Theater, Hermann Park. Also Aug. 29. Free. For information call 222-3576.

## Thursday, September 3

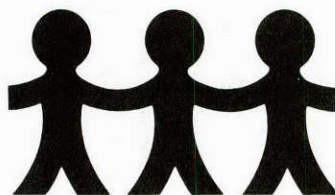
8:30 p.m. Space/Dance/Theater: "Tristan and Isolde," Miller Outdoor Theater, Hermann Park. Also Sept. 4, 5. Free. For information call 222-3576.

## Monday, September 7

Labor Day Holiday.

## Tuesday, September 8

5 p.m. Deadline for entries in Second Annual HoUTexan Shutterbug Sweepstakes, 1117 Houston Main Bldg. For information call 792-4259.



## People Helping People The United Way

The 1981 United Way campaign begins Aug. 12. One of their most important assets is you — the volunteer.

If you are a HSC employee, student or faculty member and also volunteer for a United Way agency, please identify yourself to the Office of Public Affairs, 1117 Houston Main Building or 792-4249.

Watch during the coming weeks for more United Way campaign 1981 information and activities or events.

### The University of Texas Health Science Center at Houston

P.O. Box 20036  
Houston, Texas 77025

Room 1117  
1100 Holcombe Blvd.

Non Profit Org.  
U.S. Postage  
**PAID**  
Permit No. 209  
Houston, Texas

School of Allied Health Sciences • Graduate School of Biomedical Sciences • Dental Branch • Medical School  
School of Nursing • School of Public Health • Speech and Hearing Institute • Division of Continuing Education