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NON-CIRCULATING

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NON-CIRCULATING

Avoiding 'turista' is simple be careful south of the border

By David Moore

Going to Mexico? Whether you're drawn to the sun, the sand or the spicy food there's one thing you'll want to steer clear of: turista or traveler's diarrhea.

Of the three million Americans who visit Mexico each year, about 40 percent have an encounter with turista. That surprises Dr. Hercert DuPont: the disease is fairly simple to avoid, he says.

Although DuPont and others at the Medical School were the first to show that Pepto Bismcl can prevent turista, he doesn't think it's necessary for the typical vacationer to chugalug the pink stuff to stave off the disease.

What is necessary is to follow a few simple guidelines, he said. Like Morris the cat, you simply have to be a little finicky.

"The most important thing to realize is that food is the source of the problem," DuPont said, especially certain foods. "Don't drink the water" is not as important a maxim as "Don't trust that salad," according to DuPont. "The next thing to do is to eat at

"The next thing to do is to eat at an establishment with a history of success," he said. He suggests asking a tour guide, hotel owner or hotel manager about the restaurants with good track records against the disease.

Restaurants that are safe are always safe and those that are risks are always risks, said DuPont, co-author of "Travel With Health."

Regardless of where you eat, it is what you eat that will be most telling, DuPont said. He ranks foods in lowand high-risk categories, leaving travelers to decide just how adventurous they want to be.

Rated as low risks are fruit that you peel, piping hot food (food that you see steaming), hot beverages (coffee, tea, soup), bottled drinks (especially carbonated ones) and bread.

The high risks are desserts, fresh cheese, cold meats and seafood, hot sauce sitting out on the table, fresh leafy greens, milk, anything from a street vendor not first seen boiling, tap water and ice.

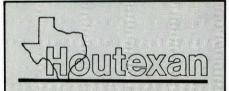
About half of the visitors who catch turista have to alter their travel plans significantly, DuPont said. Following these guidelines he's never had to stray from his itinerary, he said.

But if you do happen to be struck by the bug, DuPont has advice for you there as well. For a mild case the prescription is fluid replacement with soft drinks, fruit juice and clear soup. You can also have bland crackers and toast, he said.

For moderate to severe turista, DuPont recently showed that the antibiotic trimethoprim/sulfamethoxazole (TMP/SMX) is the best proven treatment. TMP/SMX cured most turista in less than 24 hours in DuPont's study.

He now recommends that many travelers to Mexico and Latin America get a prescription for a small amount of TMP/SMX. Just in case.

UT researchers are now working on a vaccine against turista.



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Cover: A new M.D. For list of graduates see pages 12-15. (Photo by Cathy Gubin) GRINGOS BEWARE — 'Turista' changes a salad into a threat, a glass of water into a menace, a happy traveler into a bed-bound gringo. But by being a little more finicky than this gentleman apparently is, you can sidestep the disease completely, Dr. Herbert L. DuPont says.



Newest dental award named for armless alumna

By Kenna Giffin

The first Margaret Jones Chanin Award for an undergraduate, female dental student was given May 20 at the Dental Branch Awards Convocation. Rebecca Maxwell, the recipient of the \$100 award donated by Dental Branch female faculty members, had two special privileges: being the first student to receive the award and receiving the award from the person for whom it was named.

Chanin, a 1943 graduate of the Dental Branch, was chosen as the award's honoree because of the courage, dedication and strength she showed by finishing her dental degree after losing both her arms before her junior year.

Chanin and a friend, also a dental student, went boating June 29, 1941, in Goose Creek, in the Baytown area. When they had the boat part way into the water, it hit a 12,000-volt electrical line. Chanin's friend was killed; she lost both her arms.

"I felt that my career in dentistry was over," she said. But with the encouragement of the Dental Branch Dean, Dr. F. C. Elliott, and the support of her family and classmates, she returned to school in September.

"He would buck me up and put starch in my backbone," Chanin said of Elliott's efforts to convince her to finish school. He suggested she consider going into public health, as she couldn't practice general dentistry. She is now associate professor of preventive dentistry and community health at Meharry Medical College School of Dentistry in Nashville, Tenn.

There was no self-paced dental school program when Chanin was here, but she kept up with her class in spite of the physical problems. She took her exams orally, or dictated answers to a secretary who wrote them down.

After she graduated, finished her bachelor's degree at Baylor University, earned her master's degree in public health at the University of Michigan, and married, she learned to write with a pen in her mouth.

She stayed out of dentistry and teaching while she raised her two sons,

Philip, 34, and Robert, 32.

She became involved again in teaching gradually, by substituting in schools in the numerous places the family moved. Finally, once they were settled in Nashville, she was invited to join the Meharry faculty. As her duties increased, so did her recognition.

She has received the President's Committee of the Handicapped Citation for Meritorious Service, the Handicapped Professional Woman of the Year Award for Outstanding Achievement, and the Tennessee Governor's Committee on Employment of the Handicapped Award of Achievement.

She was named Outstanding Educator of America for 1972 and is a Fellow in the American College of Dentists — two awards having nothing to do with being handicapped.

Was being a female student, then dentist, a handicap as well? Chanin thinks not.

"When I started dental school in 1939, I was accepted on the same basis as the men. But that was at the end of the Depression, and maybe they were trying to fill the classes. There were about 1,200 women dentists in the country," she said.

Her days in dental school were

"fairly pleasant. The class was so small, it would have stood out if the faculty were too antagonistic to women. And I don't remember that the patients were surprised" to find a female dentist working on them, she said.

It's hard to see how Chanin could have been any more "accepted" by her classmates, whom she described as "like having 23 brothers. All my transfusions were from dental students. The Psi Omegas made me a sweetheart they came to the hospital and pinned me."

Her real brother, who encouraged her interest in dentistry after she discovered she couldn't make a living as a medical technologist, lived in Houston and taught at the dental school. A sister still lives in Houston.

Chanin seemed genuinely touched as she gave the award named for her and as she discussed it later.

"You usually don't get these kinds of things to happen until you're pushing up daisies," the Osceola, Ark., native said at the awards convocation. "I'm glad to be able to smell the flowers."

Later, she added, "Of all the honors I've had in my life, this is the best one."



DR. MARGARET CHANIN (right), a 1943 graduate of the UT Dental Branch despite the loss of her arms during her junior year, picks up the certificate to give to Rebecca Maxwell, the first recipient of the Margaret Jones Chanin Award.

Dental Hygiene career offers variety of opportunities

By Kenna Giffin

When Charlotte Granger decided to return to school for a career, she wanted a short training time and something familiar. She chose dental hygiene.

Dental hygiene is a career of the future. It's a young field with hygienists receiving licensure in Texas only since the 1950s. Its futuristic character comes from its main goal of promoting preventive dental health.

The Dental Branch has had a School of Dental Hygiene since 1955. Since then, more than 700 hygienists have graduated from the two-year program, according to the school's director, Dr. Susana Paoloski.

A dental hygienist performs clinical services, such as taking health histories, examining the head, neck and mouth for abnormalities, instructing patients in oral hygiene care, cleaning patients' teeth, and taking radiographs, the director explained. The school requires students to have only a high school diploma, with a strong science background, and to take the Dental Hygiene Aptitude Test for admission, but some college credits are transferrable.

The school is one of three in the state located in a dental school so that students actually work with other professionals as much as possible, the director said.

More than half of the students' education comes from the practical clinic work where they see patients and learn to work as teams with dental students. Their classes and clinics add up to a 40-hour week.

"Dental hygiene school is harder than college," said Susan Williams, a second-year student. "In college you can skip a class or take a light load. Here you can't."

Charlotte Granger and Williams are two examples of women who have returned to school. They chose dental hygiene careers for a variety of reasons. "I can pick the time to work, full or part time," Granger said. "I have two children and needed to get into the working force quickly because of the extra expenses of school and child care. I knew this was what I wanted to do for the rest of my life, but I don't want to work full-time all the time."

There are a variety of areas in which a hygienist can practice, including many dental specialties, public health, nutrition, dental hygiene schools, communications and nursing.

Williams, the daughter of a doctor and a nurse, had different reasons for attending dental hygiene school after earning a Bachelor of Fine Arts degree in advertising art.

"I wanted a health career, and was trying to decide between nursing and dental hygiene. I chose dental hygiene because of the flexible hours, the good pay and the more independent role. The length of education time is also less. I missed working with people when I worked in the art world.

"I'm now thinking of going to dental school, and hygiene can be a steppingstone. A lot of women in hygiene are thinking about dental school, and they seem to be more readily accepted," she said.

At the end of the two years, students receive diplomas in dental hygiene and are prepared to take the licensing exam.

The job market for hygienists is good, Paoloski said.

There are a variety of areas in which a hygienist can practice, including many dental specialties, public health, nutrition, dental hygiene schools, communications and nursing.

For more information on the School of Dental Hygiene, call 792-4151.

THAT'S THE WAY, Charlotte Granger encourages a Dental Branch patient. Granger, a June graduate of the School of Dental Hygiene, likes teaching patients how to take better care of their teeth.



Nursing school honorary society chapter chartered

By Kenna Giffin

Love, courage, honor. The Greek letters Sigma Theta Tau represent those words in the name of the national honor society for nurses.

Those three characteristics are what the founders of the society (one a Texan) thought nurses needed when they started the organization at Indiana University in 1922.

"They were right," said Sister Rosemary Donley, former national president of Sigma Theta Tau and current dean of nursing at Catholic University of America, Washington, D.C.

Donley was the keynote speaker and national representative at the recent chartering of Zeta Pi chapter at the UT School of Nursing. Beginning the new chapter were 106 transferring members from other chapters and 49 new initiates.

The chapter here was originally part of Alpha Delta Chapter at the School of Nursing at the UT Medical Branch in Galveston.

The society provides ideals and purposes, Donley said. It is important as a woman's organization "but we do have male members," she said. "We have always said that it's important for a woman to have a career, and she should be educated. We have also looked at nursing as a profession."

Zeta Pi is the 162nd chapter in the nation. Most members join during college, Donley said. The organization then provides "recognition of scholarship and something else we call leadership. We want as a member somebody who, with a little experience, can make a difference."

One of the main issues in nursing today, Donley said, is how the nurse of the future will be educated. The National League of Nursing has joined the American Nurses Association in proposing that a bachelor's degree be the basis for nursing practice. Many hospitals and physicians disagree that the degree is necessary for nurses.

"A lot of people feel a nurse needs skills and technical training to do what's needed, that she doesn't need psychology, literature, etc. I find that hard to



RECOGNITION — Melinda Wesner (right) c March graduate of the School of Nursing, cccepts congratulations from Nancy Fasance upon being initiated into the new Zeta Pi Chapter of Sigma Theta Tau national nursing hono-cry society. Fasano is a faculty, adviser for the chapter. Wesner received the Sigma Theta Tau honorarium at her graduation in honor of her scholarship, leadership and potential for excellence in the fie'd of nursing.

understand," Donley said. "It takes more time and dedication to educate" a nurse fully, but the results are better, she added.

"It's not possible to care for a patient unless you have questioning ability — why something isn't working,' she said. With the high technology now, patients need someone who understands physiology, not a nurse mesmerized by a machine."

Because nursing is a labor-intensive activity, the nursing budget is usually one of the biggest for a hospital and also one of the first to be cut, she said.

There are also problems attracting good students to nursing.

"We have a problem with bright women being discouraged from going into nursing," she said. "There is pressure in high schools for girls to dc something women haven't done before. Also, students are more confident and scphisticated today. But the concern for patients and the excitement about learning are the same" as for earlier nursing students.

Donley would like to see more nurses doing research on clinical topics to improve the care and well-being of patients. To encourage that research, Sigma Theta Tau provides several research awards, conferences and a journal.

At the chartering ceremony, two awards were given to nursing students involved in research projects. Kip Hager and Sue Tatsic received the research grant for the spring quarter to help finance their project, which compares the effectiveness of teaching CPR to seventh graders vs. the effectiveness of teaching it to 11th graders.

The achievement certificate, given for her "holding the chapter movement together," went to faculty adviser Nancy Fasano.



ACCEPTING THE COAT OF ARMS at the chartering of Zeta Pi Chapter of Sigma Theta Tau national nursing honorary society is Marsha Ford (left), treasurer of the new chapter at the School of Nursing. Giving the award to Ford is Sister Rosemary Donley, former national president of Sigma Theta Tau and Dean of Nursing at Catholic University of America in Washington, D.C.

New pathology professor joins Med School faculty

By Diane Broberg

A new pathology professor has brought her research skills and imaginative educational ideas to the Medical School.

Dr. Joan Mattson has come from Michigan State University, where she spent more than a decade developing regional diagnostic programs in coagulation and in the use of electron microscopy.

She directs hematclogy and coagulation services for the laboratories in Hermann Hospital and for the outpatient laboratory associated with the hemophilia clinic there.

As an expert electron microscopist, Mattson is one of only a few scientists studying plate et cytoskeletons, using a variety of electronmicroscopic techniques.

She washes away the grayness of the cell with detergent extraction to expose the cell's structural support, or



A HAIRNET? A KIWI FRUIT? No, it's a transmission electron micrograph of a platelet. It may not look like one because Dr. Mattson has washed away all of its grayness to expose filaments of its structure for study.



BACK TO TEXAS – Dr. Joan Mattson, pathology professor, has returned to her native state from Michigan, where she has been building her reputation as an expert electron microscopist and researcher.

cytoskeleton. By studying the structure, she hopes to define someday how it controls cell function. She has recently received a grant from the Texas Heart Association to continue this work.

In addition to her professorship here, she holds an adjunct professorship in Rice University's bioengineering department. Her bioengineering interests are in the effects of mechanical stress on platelet structure and function.

Photographs taken through the electron microscope document her work, and fortunately she is adept at taking them: she has won a photography award from the American Heart Association and a scientific exhibit award from the Electron Microscopy Society of America.

"I was attracted here by the unique opportunities offered by the hemophilia center and by the large volume of coagulation problems seen in a trauma center like Hermann's," Mattson said.

Teaching second-year medical students and advanced students on electives will allow her to use some of her award-winning teaching methods from Michigan days.

They included self-instructional study packets with microfiche, puzzles with picture clues in sequence of sophistication and the solution discussed on the back, and the "Case of the Week" on the board, tempting students to submit answers in a ballot box all week before the mystery was solved on Friday.

"All these things helped students assimilate the things they were learning in lecture," Mattson said.

A native Texan, Mattson graduated from Randolph-Macon Woman's College, Northwestern University and Northwestern University Medical School. She did her internship at Cook County Hospital in Chicago and her residency at Ohio State University Hospitals.

Pediatrician calls for doctors' help in protecting children

By David Moore

When Dr. Lawrence Berger first came to the Southwest after graduating from Harvard Medical School, he was unfamiliar with bottle rockets, minibikes and pickup trucks. That didn't last long.

Berger is a pediatrician, and all three of the above pose hazards to the well-being of his patients. You can make that two out of three now in New Mexico.

That's because after seeing two children in the emergency room who had been badly burned by fireworks, Berger decided to do something. He aimed high, trying to get fireworks outlawed in New Mexico. He succeeded in getting bottle rockets banned.

Now he advises similar actions by other pediatricians. Every time a physician treats an injured child, that doctor should ask whether the injury could have been prevented, Berger says.

Injuries to children are no minor problem, he said at a talk at the Medical School.

"After the first year of life," Berger said, "injuries are the number one cause of death through at least the 30s and probably the early 40s."

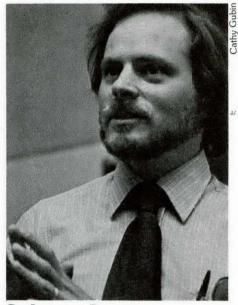
Berger has tried repeatedly to help protect children. Not all of his efforts, however, have been as successful as the fireworks campaign.

After a child was brought in comatose and smelling of mouthwash, for example, Berger learned that mouthwash contains a lot of alcohol. As little as eight ounces of Scope — perhaps not as closely guarded by parents as ammonia or Drano — could kill a child, according to Berger, an assistant professor of pediatrics at the University of New Mexico School of Medicine.

But his letters to manufacturers went unanswered.

So he moved on to other areas: toys that can puncture young eyes, mini-bikes that can mangle at 50 mph. Through it all, he said, he has found that some methods of prevention are far more successful than others.

"Education by professionals has a limited role, and I think it's been over



Dr. Lawrence Berger

exaggerated as a way to prevent injuries," he said.

But when pediatricians do spend time telling parents about the hazards to their children, Berger said they should concentrate on the important, more common dangers. Burns from electrical outlets and hot car seats, he said, account for a fraction of the damage done children by BB guns and other "toys."

As for public education through the media, Berger said that has not proven a successful tactic of injury prevention. He thinks government action (spurred on by doctors) and manufacturers' actions (also spurred on) are the most effective means of prevention.

Tennessee pediatricians, for example, were able to push through legislation requiring infants riding in cars to be in restraint devices, he said.

Some of the unsolved problems in New Mexico that still concern him, Berger said, include drainage ditches — "We have one or two drownings a year" in Albuquerque — and pickup trucks.

"If you have a large family and you have a pickup as your only vehicle, how do you protect those kids in the back of the pickup?" he said. "I think someone could do a real service to the children of the Southwest in figuring out a way to protect them in the backs of pickups."

Returning to New Mexico, Berger is not likely to run out of targets in the near future for his injury prevention efforts.

"There are," he said, "almost an infinite variety of ways for children to injure themselves."

Berger also spoke at the Conference on the Control and Prevention of Injury at the UT Medical Branch at Galveston. The conference was funded by The Moody Foundation and sponsored by The International Center for Health at Galveston in cooperation with UTMB, the Health Science Center, Baylor College of Medicine and The Institute of Rehabilitation and Research. Dr. Stanley Handel, faculty member in the Department of Radiology here, was program chairman.

Cultivate reporters, editor says

"Don't ever get into a hassle with a reporter. Smother the reporter with love" if you want to get your message about injury prevention, or any other worthwhile information, to the public, said Mark Bloom, senior editor for Medical World News.

This was one tip for health professionals from a media panel at the Conference on the Control and Prevention of Injury.

Bloom advised the audience to cultivate and educate reporters to help them do a better job of reporting health news.

"The primary thing is to return calls as quickly as possible," he emphasized. "Deadlines mean just what they say."

Goodwill's top worker trained by Dental Branch program

By Kenna Giffin

Polio shattered Jane Monts' dreams of being a cheer.eader back in 1945. Today she walks — with difficulty — with the help of crutches. But the dreams of achievement and recognition never totally disappeared.

They were fulfilled in a drastically different way when she was recently named Goodwill Industries' Worker of the Year.

Monts went to Goodwill for onthe-job training four years ago. She had worked for a short time as a secretary, then married and raised four children.

After passing the dexterity tests, she was admitted to the dental technician program operated in conjunction with the Dental Clinic at Goodwill. The Dental Branch provides the faculty and reading material to train students and dental technicians; Goodwill selects trainees and provides money for education and salary.

Technicians are trained to do specific phases of prosthetic dental work in a laboratory setting, said Dr. Isaac Konigsberg, chairman of the Department of Community Dentistry at the Dental Branch. Dr. Douglas Simmons supervises the faculty and senior dental students who work at the Goodwill Dental Clinic.

Monts explained that she does acrylic work and pouring of material for full and partial dentures. She chose the training because "it fascinated me. I always loved machines, and I love the diversity of the work. There are many different little jobs: chemicals, grinding, bending wire. I get great satisfaction out of it."

On the bus trip to the Houston Club, where employees were treated to dinner and ceremonies including the top employee award, Monts "had no idea it included me. I chought (the festivities) were for other workers. I didn't think I qualified."

But Steve Lufburrow, public relations director at Goocwill, revealed the reason Monts was selected for the honor.

"She takes pride in what she's doing, and has proved that Goodwill really does work," he said. GOODWILL INDUS-TRIES Worker of the Year is Jane Monts, a dental technician trained in packing and finishing full and partial dentures. She works in the Goodwill Dental Clinic, where she was trained by Dental Branch instructors.





RIGHT THIS WAY — Nurse Frankly Underpaid (Dr. Frank Webber) helps patient Miss Carry Bains (Dr. Ruby Isom) to the examining table in a spoof of relationships of the health care team with patients. The skit was presented to a class of medical students. Other characters were Dr. Ima Risk (Dr. Kothleen Andreoli), the receptionist Sadie Frump (Beverly Wright) and the physician's financial adviser E. F. Button (Dr. James Chappell).

Keep your mouth shut if IRS calls, attorney advises

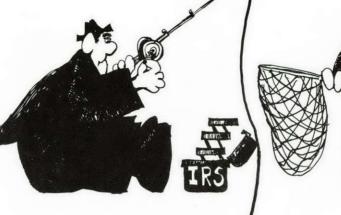
By Ina Fried

If you're ever called in for an income tax audit, remember the fish: even the fish wouldn't get into trouble if he kept his mouth shut.

This was part of the advice on tax planning and shelters given by R. Leonard Weiner, a tax attorney, at one of a continuing series of Employee Relations Brown Bag programs focusing on financial advice.

If you're audited, "Don't come unglued," Weiner said. "The young auditor may be more nervous than you are, since very often income tax audits are used as a training ground."

Be sure you understand the auditor's questions before you begin to answer, he advised, and don't offer any information that hasn't been requested. If the auditor asks you to sign an agreement, say you need to talk to your tax advisor first. This will give you time to think about it.



If you really did something wrong, say nothing and see a tax attorney immediately, Weiner said.

To prevent problems with a tax audit, he recommended engaging a competent CPA to prepare your return.

To save money on your income tax, start planning now. He listed a series of tax shelters, such as incorporation, trusts, and investment in real estate or oil and gas.

TOACS

Weiner warned against investing in anything that seems too good to be true. "Most of the good deals get taken up by insiders before you hear about them," he said. "Be sure it's a good economic deal as well as a tax shelter."

Regarding the highly promoted Individual Retirement Accounts (IRAs), he reminded the audience that you cannot withdraw money from an IRA without penalty until age 59½.

"If you have children, a college education is a more immediate need, so take care of that first, and then take care of retirement," he said. "If you can afford to do both, then do both."

In another of the Brown Bag series, Fred Mecklenburg, account executive with E. F. Hutton and Co., spoke on understanding option strategies.

Investing in a home

Owning your own home is still a good tax shelter, but buying a home has become so expensive that most people need to find some form of creative financing. John Porretto, vice president for administration and finance, has found a concise explanation of nine major types of home mortgage financing. For a copy call the Office of Public Affairs, 792-4266.

Trotter lecturer defines issues for health, science policy

By Betty Holmes

"It is perhaps shocking that about half the mortality in this country is related to health-damaging behavior," according to Dr. David Hamburg.

Hamburg, director of Harvard University's Division of Health Policy, Research and Education, spoke about national strategies for health as the 1982 Trotter Lecturer at the Health Science Center, other institutions in the Texas Medical Center and Rice University.

Smoking and alcohol abuse are preventible behaviors that amount to "inadvertent suicide," Hamburg said, and public education is the key to reducing the number of casualties.

"When we are talking about health, we are not only talking about principal care but about public education and community organization."

Smoking and alcohol abuse are preventible behaviors that amount to "inadvertent suicide," Hamburg said, and public education is the key to reducing the number of casualties.

Health policy, though a broad concept, gives the public "a clear picture of how we should live our lives and how we, as a nation, can address great problems," he said.

Policymakers face several challenges if they are to produce a rational, ethical health science policy, he said.

For instance, the national commitment to preventive health that has occurred in recent years comes partly from the growing awareness of the limitations of curative medical care, Hamburg believes.

"The crucial strategy is to focus on certain preventive strategies that are proven effective and see to it that those are made available to everybody," he said. "We should be concerned with the health of all the people, not just the affluent or those whc have diseases of interest, but all the people." In addition, health policy experts need more information on the effects of health care practiced today in order to guide policy decisions for tomorrow.

"We should give high priority to research that measures health outcomes from diagnostic, therapeutic and preventive intervention to make the actual practice of medicine and the health professions more scientific."

In looking to the future, Hamburg urged long-term financial commitment for research "with special emphasis across the spectrum of the sciences."

"The vigor of the scientific enterprise is quite central to the nation's progress and to dealing with the world's problems: our food supply, our health, our ability to make a living, the quality of life. All of these depend substantially on science-based activities," Hamburg said.

"Congress could give a one-shot

endowment to institutions with highly independent capabilities for long-range analysis of policy questions relating to science and society," Hamburg said.

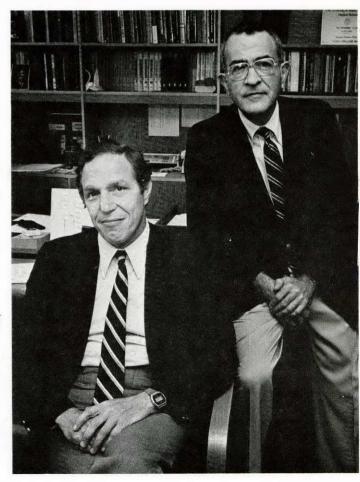
Such support, he believes, could provide opportunities for young people in research; foster the continued interplay between basic, applied and behavioral sciences; and encourage cooperation among government, laboratories, universities and industry.

Hamburg also called for a strengthening of education in the life sciences, noting a "serious problem with science literacy in this country."

While a science-based medicine has been able to make great advances, Hamburg said, the policy questions of the coming years will "promote the ultimate social uses and constructive entity of science, and this goes well beyond health to foster the building of a national science policy altogether."

NATIONAL HONOR Dr. Alton Steiner (left) and Dr. Stanley Schultz have been elected to the Association of American Physicians, the oldest group in the country for internists and M.D. researchers. Steiner is director of the Division of Endocrinology in the Department of Internal Medicine. Schultz is chairman of the Department of

Physiology.



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Texas Research Institute of Mental Sciences

TRIMS Weekly Conference Tues., 3-4:30 p.m., TRIMS Aud. For topics call 797-1976 ext. 454.

The UT Education and Research Computer Center

For info. on courses call 792-6345.

The UT Health Science Center at Houston

Dental Branch

For info. contact Dr. Paul H. McFarland Jr. at 792-4188.

Division of Continuing Education

For info. on courses or for design of individualized programs, write or call: The UTHSCH Div. of Continuing Ed., P.O. Box 20367, Houston, Tex. 77025. Phone 792-4671.

"Selected Topics in Human Sexuality" symposium Fri., July 9, Rm. 400, HMB.

"The Second Congress of Colombian Doctors in the U.S.A." is Aug. 6-7 at the Hyatt Regency Hotel, Tampa, Fla.

Graduate School of Biomedical Sciences

For course info. contact Brenda Gaughan at 792-4655. HSC-TV Channel 4 will broadcast some course sessions. Consult your weekly HSC-TV schedule.

Medical School

For info. on events listed below, contact the Office of Continuing Ed., UTMSH, at 792-5346.

Anesthesiology

Conferences - Mon., Tues., Wed., & Fri., 6:30-7 a.m. Room 2.103.

Clinical Conference - Thurs., 6:30-7:30 a.m., Rm. 2.103.

Endocrinology

Conferences - 2nd & 4th Mon., noon, South Aud. Hermann.

Grand Rounds - Thurs., 5:30 p.m., Rm. 111-A BCM.

Infectious Diseases and Clinical Microbiology

Microbiology-Infectious Disease Conference Mon., 1:15-2:15 p.m. Rm. 2.103.

Internal Medicine

Grand Rounds - Tues., 12-1 p.m., Rm. 3.001.

Noon Conference - Mon. & Thur., 12-1 p.m., Rm. 1.302.

Neurobiology & Anatomy

Neuroscience Seminars - Call Lynn Blum for details, 792-5700.

Neurology-Neurosurgery

Grand Rounds - Fri., 12-2 p.m., Rm. 2.135.

Pediatric Neurology Conference - Fri.,

8-9 a.m. Hermann Hospital Jones Pavilion Rm. 3485.

Spinal Cord Injury Rounds — Thurs., 1 p.m. Jones Pavilion, Rm. 4487.

Obstetrics & Gynecology

Thursday Conference - Thurs., 8-9 a.m., Rm. 2.135.

Grand Rounds - Tues., 5-6 p.m., Rm. 2.135.

Grand Rounds (Brackenridge) - Fri., 8-9 a.m., Brackenridge Hospital.

Ophthalmology

Pediatric Ophthalmology Grand Rounds - 3rd Tues., 4-6 p.m., Hermann Hospital, 7th floor, Jones Pavilion.

Grand Rounds - 2nd Thurs., 4:30-6 p.m., Hermann Eye Center.

Orthopaedic Surgery Grand Rounds - Thurs., 8-9 a.m., Rm. 2.103.

Children's Orthopaedic Conference -Tues., 7-8 a.m., Shriners Hospital.

Otology

Otology Conference - 1st & 3rd Thurs., 5-6 p.m., Rm. 6.018.

Clinical & Pathology Conference - 2nd & 4th Thurs., 5-6 p.m., Rm. 6.018.

Pathology & Laboratory Medicine

Hematology Grand Rounds - Thurs., 12-1 p.m., Rm. 2.103.

Laboratory Medicine Grand Rounds -1st & 3rd Fri., 12-1 p.m., Rm. 2.103.

Renal Biopsy Conference - 2nd Mon., 4-5 p.m. Rm. 2.020.

Pathology & Laboratory Medicine Conference - 2nd & 4th Wed., 8-9 a.m., Rm. 2.135.

Surgical Pathology Conference - Fri., 8-9 a.m., Rm. 2.024. Neuropathology/Clinical Pathology Conference - Fri., 12:45-1:30 p.m., Rm. 2.135.

Gross Neuropathology Conference - Mon., 3:30-4:30 p.m., Rrn. 7.037.

Autopsy Case Conference - Thurs., 8-9 a.m., morgue.

Pediatrics

Grand Rounds - Tues., 8-9 a.m., Rm. 2.135.

Perinatal Noon Conference - Wed., 12-1 p.m., Rm. 2.135.

Pediatric Morbidity/Mortality - 4th Thurs., 12-1 p.m., Rm. 2.135.

Pediatric Surgery

Grand Rounds - Fri., 1:30-2:30 p.m., Rm. 6.282.

Weekly Teaching Conference - Wed., 10-11 a.m., Rm. 6.282.

Pharmacology

Research Seminars, Mon., 4 p.m., Rm. 2.103.

Plastic & Reconstructive Surgery

Grand Rounds - Sat., 9-10:30 a.m., Rm. 2.135.

Pituitary Service

Grand Rounds - 4th Wed. 4:30-5:30 p.m., Rm. 1.024.

Pituitary Foundation - 4th Tues., 7:30 p.m., Crozier Aud., Hermann Hospital.

Psychiatry

Grand Rounds - Wed., 10:30 a.m.-noon, Rm. 2.103

"Symposium on Gerontological Nursing," Aug. 4-6, Houston Downtown Holiday Inn. Fee \$100. Contact Caci Kochwelp at 792-5346.

Radiology

Diagnostic Radiology Interesting Case Conference - Mon., Tues. & Thurs., 12-1 p.m., Hermann Hospital, Jones Pavilion Rm. 2443.

Houston Trauma Radiology Club - 2nd Tues., 7:30-9:30 a.m., Rm. 2.103.

Surgery

Grand Rounds* - Thurs., 5-6 p.m., Rm. 2.135.

Urology

Grand Rounds - Tues., 5-6 p.m., Rm. 6.018

Medical Surgical Teaching Conference - Wed., 12-1 p.m., Del Oro Hospital.

School of Public Health

For info. on courses contact the UTSPH, Continuing Education, at 792-4455.

Employee Assistance Program For help with personal problems — marital, family, emotional, financial, legal call the program at 792-4804 and ask for a counselor. Services are strictly confidential and free to UTHSC employees.

The UT System Cancer Center M.D. Anderson Hospital and Tumor Institute

For info. on the following listings call 792-2651 or 792-7231.

Education

Oncology Grand Rounds* - 12-1 p.m., Fri., MDAH Aud. Taped for transmission via the HSC-TV channels 4 & 16. Consult the HSC-TV weekly schedule.

Fundamentals of Oncology - Part II, Fri. 12-1 p.m. or Wed. 5-6 p.m. MDAH Aud. For info. contact Dr. Yaal Silberger at 792-2738.

Cancer Screening & Detection Program for Nurses/Division of Cancer Prevention:

July 12-16 - Breast Module July 19-30 - Gynecology Module July 26-30 - Head & Neck Module

Call 792-3427 for more info.

Baylor College of Medicine

For info. contact the Office of Continuing Education, BCM, 790-4941.

Anesthesiology

Anesthesiology Seminar - Mon., 5 p.m.

Basic Science Lectures - Mon., 5 p.m.

Clinical Conferences - Wed., 4 p.m.

Morbidity & Mortality Conference - Wed., 5 p.m.

Meeting Place: Basement Conference Rm., Ben Taub.

Didactic Conferences - Mon. & Wed., 4 p.m. Ben Taub Seminar Rm.

Journal Club - Meets monthly. For dates & times call 790-4693.

Biochemistry

Marrs McLean Department of Biochemistry Seminar - Thurs., 4 p.m., Rm. 301A Cullen Bldg.

Medicine

Endocrine Grand Rounds - Thurs., 5:30 p.m., Rm. 111, BCM.

Neurology

Neurology Grand Rounds - Tues., 9:30 p.m., Methodist Main Assembly Rm.

Jerry Lewis Neuromuscular Disease Research Center Conference - Mon., 4 p.m., Rm. B422 Neurosensory Center.

Neuroscience Conference - Fri., noon, Rm. B422 Neurosensory Center.

Obstetrics & Gynecology

"Postgraduate Workshops in Real-time Obstetrical Ultrasonography," Thurs. & Fri. at Jeff Davis Hospital. Call Marilyn Paru at 790-4941 for details.

Pediatrics

Grand Rounds* - Fri., 8:30 a.m. For location call 790-4781.

Physical Medicine

Grand Rounds* - Fri., 8 a.m. Call 797-1440, ext. 451, for info.

Plastic Surgery

Pathology Conference - 1st Thurs., 4:30 p.m., Rm. 416D.

Plastic Surgery Journal Club - 2nd & 4th Thurs. 4:30 p.m.

Surgery

Surgical Grand Rounds, 7:30-8:30 a.m. Sat., Jaworski Aud.

Basic Science Course - 8:30-9:30 a.m., Sat. following Grand Rounds.

Texas Institute of Rehabilitation and Research

For info. call 797-1440, ext. 202.

Clinical Neurophysiology Seminar - Fri., 2-3 p.m., Neuro-Physiology Conference Rm.

First Thursday - 1st Thurs., noon-1 p.m., Promethean Rm. Film & info. series.

The UT Medical Branch Galveston

For info. about courses contact The UTMB at Galveston, Continuing Ed., (713) 765-2996 or UT School of Nursing Continuing Ed. at Galveston, 765-4802.

University of Houston

Pharmaceutics

For info. contact Dr. Stuart Feldman, 749-4044.

American Heart Association

Cardiac Catheterization Conference - Wed., 4-5 p.m., Rm. 2.035 MSMB.

Cardiovascular Physiology & Instrumentation - Fri., 12-1 p.m., Rm. 1.036 MSMB. For info. contact Paula Freeman at 792-5178.

Area Hospitals

Eastway General Hospital

Clinical Conference - Tues., 12:30 p.m., Conference Rm.

Hermann Hospital

Colon & Rectal Meeting - 1st Fri., 7-8 a.m., Birch Rm.

Houston Northwest Medical Center

Continuing Education Courses for Physicians - Tues., 12:30-1:30 p.m. For info. call Anna Elliott, 440-21C4.

Laurelwood Hospital

July 6 - "Personality Disorders" July 20 - "Stages of Adolescent Development" Lectures are from 7:30-8 30 p.m. in the

Dining Rm. Contact 367-4422 for info.

Memorial Hospital

Regular Conferences - Wed., 7 a.m., Dining Rm. D. For info. call Medical Ed., 776-5303.

Memorial City General Hospital

Continuing Education Conference -Thurs., 12:30-1:30 p.m., Conference Rm.

Parkway Hospital

Medical Staff Seminars - Fri., 12:30 p.m., Temporary Classroom.

Pasadena Bayshore

Grand Rounds - 1st, 2nd & 4th Thurs., 8-9 a.m.

Surgical Case Presentation - 2nd Thurs., 7-8 a.m.

Raleigh Hills Foundation

Contact Alan Spears, Raleigh Hills Hospital, 6160 South Loop East, Houston, 644-2241.

Rosewood General Hospital

Tumor Board - 2nd & 4th Tues., 12:45 p.m., Library.

UT Teleconference Programs - Thurs., (alt. wks.), 12:30 p.m. Call Administration for dates & topics, 780-7900.

St. Joseph Hospital

Ob/Gyn Clinical Conference - Fri., 8-9 a.m.

Ob/Gyn Grand Rounds - Thurs., 7-8 a.m. Both meet in 6th Floor Aud., Women's Bldg.

St. Luke's Episcopal Hospital

For info. on conferences & lectures contact Dr. John D. Milam, 521-4279.

Twelve Oaks Hospital

Twelve Oaks Forum - 3rd Tues., 7 a.m., Staff Dining Rm.

Texas Heart Institute

For info. on conferences, topics & speakers contact Debby Butler, THI Medical Director's Office, 791-2157.

Shriners Hospital for Crippled Children

For info. on surgery, clinics & conferences contact Sandra Tantillo, 797-1616, ext. 49.

*AAFP and/or AMA credit awarded. HSC-TV is part of The University of Texas Health Science Center-Television. The network transmits over Channel 4 on a cable system within the Texas Medi-

cal Center and by microwave to a hospital network outside the center. For information call Betty Martin at 792-4226.

Additional continuing ed. programming is broadcast by HSC-TV. For program info. consult the HSC-TV schedule. Copies of the weekly schedule may be obtained by writing: HSC-TV Suite 1900, 1100 Holcombe Blvd. (UT-Houston Main Bldg.), Houston, Texas 77025. Call 792-4633.

All announcements and information for the next issue of What Goes On (August) must be in our office prior to July 10. Please send announcements to: Betty Martin Editor, What Goes On 1100 Holcombe Blvd. Suite 11.144 Houston, Texas 77025 Or call: 792-4226 Please notify us of change of address.

Nursing student saves life of West U. woman

By Kenna Giffin

It was a beautiful Texas spring morning—blue skies, blooming flowers, warming temperatures.

Linda Baird, a student in the RN Flex-Track in the School of Nursing, went to the West University Senior Services Center for her community nursing project. Lil Sims, the director, asked her to check on an elderly woman living in West University.

Baird arrived at the woman's house about 10 a.m. The front door was wide open. Baird thought that was strange; but it was a beautiful day.

Baird knocked on the door; no response. She called out the woman's name, and the woman responded, weakly.

The nurse found the resident in the bedroom and very ill, but sitting up because she couldn't breathe lying down. After introducing herself, Baird did an initial assessment on the woman; her blood pressure was dangerously high, her pulse irregular. Baird called an ambulance, the woman's doctor and her daughter.

The woman was admitted to Hermann Hospital's coronary care unit, where she lived two days—long enough to see her daughter, whom she hadn't seen in years, one last time.

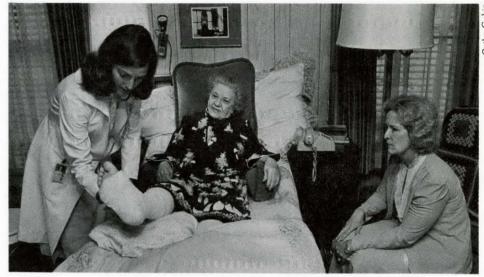
Although her experience with the woman is unusual, Baird's participation in the West University Senior Services Center is typical of the kind of community projects nursing students here have before graduation.

"I really love working with the elderly," Baird said. "They have so much to give—there's so much I have learned from them. We can help them to help themselves. It's a good opportunity for the elderly and for the students.

"RNs just don't have the opportunities to make decisions and assessments in hospitals. This type of program is a good learning experience it's great for students and clients," she added.

Baird graduated from a hospital nursing school in 1967, then worked for five years until her first child was born. After nine years as a full-time mother, she accomplished her goals: to finish her bachelor's degree and to return to work by the time her second child was ready for school.

"I felt like I accomplished something besides being a mother—it's the best of both worlds," she said. "UT's program is the best for an RN because it's so flexible. It gives an RN the chance to get a B.S.N., still hold down a full-time job and have a family—you can do it all."

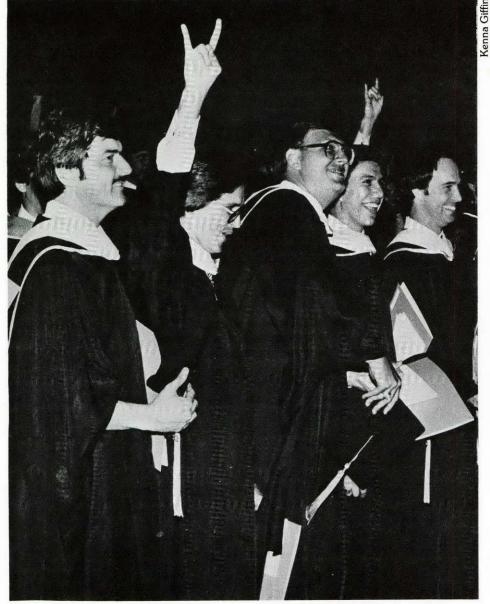


PUTTING HER KNOWLEDGE TO WORK, Linda Baird (left), a registered nurse in the RN Flex Track at UT School of Nursing, checks the progress on a patient's injured leg. As part of her clinical experience, Baird visits older people to help them maintain their physical and mental health. She works with Lil Sims (right), director of West University Senior Services Center. On a similar type of visit this spring, Baird saved the life of a woman who had suffered a heart attack.



THE POTENTIAL OF PUBLIC HEALTH CAREERS is a topic Dr. Judith Craven (center) is familiar with. She is the director of the City of Houston Department of Public Health. She talked about careers in public health at the Minority Student Career Day sponsored by the Health Science Center Student Support Program May 1.

Graduation '82



HOOK 'EM DENTISTS! Dental Branch graduates express their cheer in smiles and signs as they sing "The Eyes of Texas" to end their graduation ceremony.

School of Allied Health Sciences

Certificate in Biomedical

Communications E. Lynn Baldwin, Matthew Charles Grose, Maria Del Consuelo Vollmer.

Certificate in Blood Bank Technology March 1982: Sandra Jean Merriman.

Certificate in Cytotechnology

Parveen Asifuddin, Susan Lynne Hall, Maria Delia Perez, Luana Marie Pinon, Nancy Dinger Quiggins. Certificate in Histotechnology Tereas Gayle Bone, Diann Sanders Fine, Karen E. McCaulley, Girija L. Vanguri.

Certificate in Medical Technology Wendy Guillet Mathews.

Degree of Bachelor of Science in Medical Technology

December 1981: Cynthia Ann Breeden, Connie SuZanne Conner, Carol Ann Fridlund, Hang Thanh Nguyen, Huong Thu Nguyen, Anh Thi Pham.

March 1982: Mariamma Yohannan.

June 1982: Cynthia Yvonne Butler, Steven Lee Carter, Karen Ellen Cole, Denise Gail Hester, Catherine Marie Hill, Claudia Moser King, Susan Marie Lueders, Ruben Perez Jr., Vena Louise Smith (Joint Degree with The University of Texas at El Paso), Tang Quoc Ta, Olga Lidia Valdez, Howard James Yorek, Holly Beth Young, Bryn Kay Zalud.

Certificate in Nurse Anesthesia

Mary Jocelyn Abbott, John Roark Borglund, Rebecca Ann Duffin, Warren Hugh Gouner, Donna K. Harvey, Dawn Margaret Hickerson, Wayne Jackson Hogard, Janet Edwards Landry, Mary Michelle Loughnane, Nola Rebecca Ray.

Degree of Bachelor of Science in Nutrition and Dietetics

Marilyn Elizabeth Anders, Susan Jeanette Croes, Patricia Gail Davis, Bonnie L. Horton, Jeanne McCowan, Beryl Beth Overcash, Michele Mary Regard, Suzanne Marie Regard, Laura Lee Schmitt, Elana Toporoff, Laura Ann Zaras.

Certificate in Radiologic Technology

Cherlynne Delane Kirby, Karen Lee Hall, Billy G. Price, Marsha Ralston, Danilo Salazar Seria, Mark D. Shaw, Lisa Marie Smith.

Degree of Bachelor of Science in Respiratory Therapy Carmen Rosita Rojo.

Dental Branch

Degree of Doctor of Dental Surgery

March 1982: Jeffrey Floyd Adams, Jerry Paul Baethge, George Wilson Castillon, Gerald Brooks Davis, Ronada Rae Davis, David Chia-Kun Day, Robert Euell Day, Bruce Charles Greenway, Lawrence Talmadge Holland, Gary Stephen Jennings, Michael Frank Krynik, Mark Kurchak, Richard Brent Magness, Eddy Dale Martin, Timothy Stewart McKenzie, Michael H. Moore, Larry Don Murphy.

David Ross Nelson, Michael Charles Nondorf, James Russel Peoples III, Sharon Sue Peterson, David Robert Powell, Ronny Edward Root, Barry Fred Rouch, Roger Britt Ruby, Bonnie Bobo Savoy, Grant Meredith Smith, Martin Kent Smithson, David Wayne Teasdale, Richard Louis Toupal, Mark Blaine Vincent, Charles William Whatton, Thomas Van Whinery, Larry Douglas White, Stephen Severin Wolters.

June 1982: John Albert Barton, William Kyle Baxley, Barbara Lynn Beasley, Wayne Bryan Bishop, James Leverett Boston, Robert Kemp Bourquein, Henry Branard Bowman, David Ralph Burhardt, Johnny Gene Cailleteau, Merlin Gerard Castille, David Brodrick Chambers, Ronald James Cook, Robert Terrence Councill, Dick Brian Davenport, Stephen Edward Dehan, Robert Diaz, Ernest Larkin Drake, Cedric Herbert Dustin III, Michael Brian Eshelman.

Gary Wayne Farrimond, Ronald David Garcia, Jeffrey Brian Geno, Robert Carey Gohlke, Arthur William Grove, Arturo Gutierrez, Frances Griffith Hartley, Tsadik Hassid, Lawrence Joseph Hatfield Jr., Susan Ellen Haynes, Susan Haines Herrera, David Blair Hodges, Mark Wayne Holloway, Joe Edwin Jones, Joe Richard Keneson, Catherine Anne Kerr, John Andrew Lautenslager, Paul David Levine, Shih-Ping Lin.

Clark Richard Madden, Joe Charles Majors III, Ronald Edward Mallet, Robert Marroquin, Selso Martinez, Johnnie Mason Jr., Michael Obert McAdoo, James Clint Melton, Robert Wayne Mermer, Ray Vincent Midgett, Shawneequa Mitchell, Clifton Mark Nichols, Gloria Mosley Oliver, Charles Eugene Omeis, Richard James Parma II, William Gerald Patterson, Thomas Logan Phillips Jr., William Estel Privett Jr., Wayne Charles Radwanski.

Marie del Carmen Ramirez, Benito Lazaro Remedios, Randy Mike Robertson, Richard Lloyd Robertson Jr., Thomas Francis Roland, James Carl Root, David Robertson Rowe, Daniel David Saenz, Brian Foster Scaff, Stephen Gerard Schmitz, Timothy Allen Sloan, Barbara Britton Smith, Robin Goodman Stratmann, Edward Ray Thorne, Russell Craig Toler, Mark John Van Ells, Steven Ray Volkers, Joseph Rutherford Willie II.

Master of Science

Joe Wayne Abdelnour, Gary Arthur Anderson, Brooks William Booker III, Frederic H. Brown, Robert Lanham Bucy, John O. Burgess, John Thomas Carson, Oscar Castaneda, David Alan Chance, Thomas H. Dembinski II, Julius Wayne Eickenhorst, James William Fanning, Robert T. Frame, Mark P. Hablinski, Dennis E. Halford, David Phillip Kretzschmar, Charles Mark Malloy.

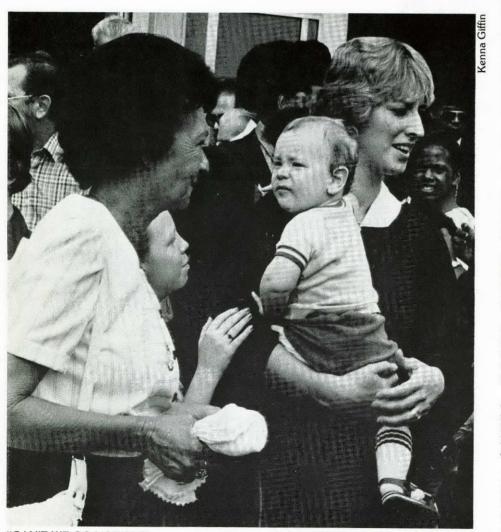
Jack W. Martin, William Joseph Masin, James Gregory McCartney, Robert J. Montoya, Trudy Jo Munson, Steven Mitsuru Murata, Richard Stephen Nichols, Norman M. Sawyers, Stephen Michael Schmitt, Michael Andrew Sitters, Larry N. Sorum, Charles Daniel Stewart, Larry Roland Stewart, Carol Ann Stuckey, Terry David Taylor, Thomas A. Tiller.

Certificate in Dental Assisting

Karimah Rasheedah Bilal, Jana Dee Cowart, Elizabeth Paige Malcolm, Jacqueline Carmen Raty, Yolanda Guadalupe Rodriguez, Sara Elizabeth Ruby, Christine Ann Smart, Caryn Lee Thompson.

Diploma in Dental Hygiene

Jean Warren Barrett, Debra Joy Beckham, Barbara Rose Beckoff, Lynne Diane Booker, Deborah Anne Chapman, Carolyn Chavez, Donna Marie Cipolla, Rebecca Ann Claunch, Linda Proctor Clement, Terri Nell Collins, Evelyn Albrecht Daniels, Celia Cruz Fossum, Laura



"CAN'T WE GO NOW?" The young son of Ginger Kiesling (right), a Bachelor of Science in Nursing graduate, doesn't seem impressed with his mom's accomplishment.

Freeman, Cheryl Lynn Garner, Judy B. Gaw, Lisa Erlene Gilliam, Andrea Renee Glass, Charlotte Marie Granger, Carolyn Patrice Groves, Cynthia Ann Henry, Marsha Lynn Hopper, Charlotte Lee Hudson.

Lori Kim Hughes, Sherri Angela Jacobs, Mary Ann Johnston, Irene Failla Kopp, Mary Louise Long, Leisa Malazzo Maliska, Nancy Beth Marler, Melanie Rae Mayo, Kimberly Ann Mears, Tammy Marie Miller, Tracy Lynn Perkins, Lindley Pond, Marilyn Anna Radko, Stacey Dannette Robinson, Tracy Marie Rollins, Diana Gail Shead, Julie Lynn Smith, Donna Jo Thompson, Aven Cheri Tow, Shannon Kay Tucker, Susan Hines Williams, Judith Lynn Wottring.

Postgraduate School

William F. Braden, John H. Case, Byron L. Novosad, Gloria P. Phillips, Alfredo O. Sakar, Amal J. Sharaiha, David L. Zatopek.

Graduate School of Biomedical Sciences

Degree of Doctor of Philosophy

Eve Andersen, Jose Bencomo, Pearlie M. Fennell, Suzanne Agnes Whitely Fuqua, Steven Hunt Graham, Jacqueline Janice Peltier Horn, Vincent Jason Kidd, Amparo Eugenia Mendez de Marles, Paul Robert Nemeth, Hector Santiago, Bradley Wagoner Schwab, Raymond Louis Stallings, David M. Wildrick, Cho-Yau Yeung.

Degree of Master of Science

Linda Diane Acomb, Linda Ann Barone, Francis Albert Dohanich, Ann Marie Hedberg, James Edward Higgins.

Medical School

Degree of Doctor of Medicine

Jorge Albin, Richard Scott Anderson, Susan Sharon Axelsen, Michael Wayne Banker, Michael Ferris Bardwil, David Dean Barton, Patricia Ann Becker, Phillip Henry Bell II, Lloyd Benjamin, John Ettore Bertini, A. Hatton Blair.

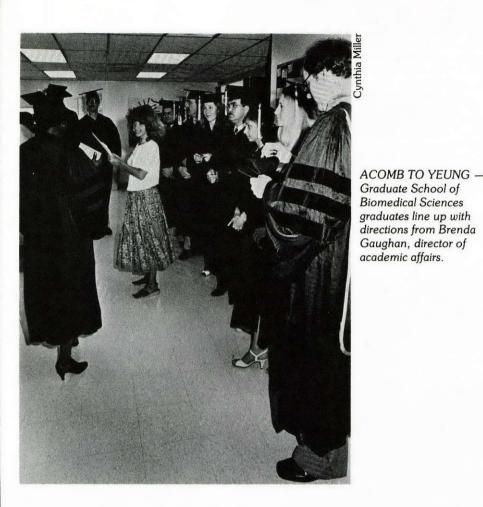
Stephen Stewart Bridge, Todd Alan Brockman, James Ray Brown, Morgan Rainey Bunch III, Don Paul Bunnell, Carrie Kay Styner Burns, Paul Scott Bushart, John William Cain Jr., Jon Leslie Caldwell, David Paul Capper, Maria Cristina Carvajal-Gandia.

Ronald Dwayne Cates, George Virgil Cathey Jr., Dale Lee Chapman, William Michael Chop Jr., Jeffrey Lane Clothier, Patrick Travis Conner, Paul Cameron Cook, Ralph Frederick Cox Jr., Steven Alan Curley, Paxton Holt Daniel, Daniel Ray Davidson.

Robert Douglas Davis, Gary Alan DeBakey, Jorge Luis de la Garza, Glenn Acord Deyo, Harry Anderson Dollahite, Robert Austin Dowling, René Pierre duCret, Melanie Sue Ehni, Steven Bernard Eisenberg, David Steven Ellis, Devitt James Elverson.

Jan Ellen Evans, Joseph Christopher Farmer, Kelly Erwin Felps, Douglas Bismark Ferguson, Steven Fernand Finder, Edward Gregg Ford, Judy Forgason, Mark Edens Franklin, John Jacob Froelich, William M. Gambrell III, James Francis Gardner III, Jerry Dean Gibson.

Luis E. Gonzalez-Fraga, Susan Perkins Graham, Jody Maloy Green, Alan Ray Hall,



Steven Michael Hamilton, John Thomas Hays, Michael Anthony Heath, James Friedrich Hefner, Barbara Henrich, Janet Lawson Henderson, Sophia J. Hendrick, Don Wilton Hill.

Bruce Neal Holmes, Karen Rae Houpt, M'Liss Ann Hudson, Charles Finney Irwin, Daniel Mark Jacobson, Clyde Sims Jones, William Ludwig Jones, Pauline Louise Joyce, Karen Sue Kadrovach, Julia Ann Ross Karlak, Magdalene Barbara Karon.

R. Kim Keeland, Robert Kyle King, Sydney William King, Keith Wayne Kiser, George Thomas Kuhn, Michael Jon Lanser, Mark Steven Lee, Martin Wayne Lee, Joseph Anthony Ley, Elizabeth Ann Liu, Sharon K Lockhart.

Wellington Loh Jr., William Michael McGrady, John Edward McDonald, Joseph Kenton McIntosh, Robert Arthur McKinney Jr., Matthew Gray McMenemy, Alexander F. Magro, Patrick Allen Masters, Robert Gordon Matheny, Deborah Ann Metzger, Terry Lyn Mitchell.

José Maria Molinar, Catherine Anne Musemeche, Mary Genette Mussman, Thinh Van Nguyen, Nancy Collins O'Brien, Stephen Michael Papadopoulos, Suzanne Phillips, James E. Pickett III, Michael Louis Pope, John Francis Prudich, Mark Douglass Pucek.

Kirk T. Quackenbush, Mark Christopher Race, Richard W. Redfern, David Charles Reutinger, Jeffrey B. Satinover, David Chaim Savitzky, Robert Waldemar Schoen Jr., Hope Daneda Shipman, Robert James Shneidman, Karen Elizabeth Shrader.

Randy Wallace Smith, Steven Kirk Strawn, Daniel Edward Supkis Jr., Leslie Tatum, Griffith Mose Thomas, George Kevin Thompson, Weilie So Tjoa, Thomas Nicholas Tracey, Ruben Trono, Edward Page Tyson, Dyrk Arthur Van Valkenburg.

Lloyd Pierce Van Winkle, Elaine Dudley Wagner, John Allen Wareham, Lowell Andrew Watkins, Renee Sheila Weatherford, Ralph Edward Wehmer, Jr., Mark Denton Westbrook, Ann Kaye White, Kerry Alan Wilbourn, Howard Douglas Wilcox, Edmund Payne Williams IV, Jeffrey Charles Wilson, Floyd Charles Wiseman.

School of Nursing

Degree of Master of Science in Nursing

September 1981: Kenneth G. Becker, Donna Lynn Berry-Opersteny, Faye Ann Blair, Janice S. Cleveland, Marsha Jean Fountain, Chloe Gail Gzines, Susan E. Milne, Christine Virginia O'Neil., Wanda Lou Simpson, Olive Belle Butcher Skertich, Linda Christine Sladek, Gary Gene Spærger, Ronald Wayne Stutes, Susan Marie Værenholt, Patricia Anne Vojack, Lynn Maddox Walts, Deborah Ann Cook Wells, Megumi Yukawa.

Laura Wakefield Kaufman, Shara Kizzee-Golub, Barbara Barbre Konarik, Colleen Ann Lathem, Mel nda Ann Martinez, Donna Minton, William Joseph Morris, Candace Allen Moyer, Mary Ann Noce, Mary Anne Page, Charla Ann Parker, Theresa Marie Scarnato, Susan Hummel Schmidt, Jar ice D. Sloan, Shirley Humphries Smith, Susan Lynn Survillas, Carole Joan Tuttle, Patrice Rochelle Watts.

December 1981: Phyllis Ann Aduddell,

Linda E. Crossett, Peggy McCall, Constance Ann O'Brien, Diane Marie Restelli, Sandra K. Rushing, Jean Marie Stow.

March 1982: Janet Donella Cook

June 1982: Janet Rae Hamilton, Mary Lisa Krall, Glenda Ann Kupferle, Jean Marie Stow.

Degree of Bachelor of Science in Nursing September 1981: Paula Ruth Backus.

R.N., Joanne Cramerus Bartosh, Elizabeth Marie Billot, R.N., Anne Marcelle Carillo, Lois Arelia Carter, Caren Sue Cates, Dolores Dana Crowe, Elizabeth Jean Dyer, Diane Marie Mazeikas Edwards, Ida Marie Farmer, Nancy Ann Shrader Gates, Suzette Michele Gordon, Duong Anh-Nhu Ha, Karen Sue Herzog, Sicily Jane Heyser, Bonnie Maye Fuller Holsomback, R.N., Carol Lea House, R.N., Diane Kay Johnson, Kimberly Bless Jones.

December 1981: Alice Degn Adams, Judean Andrews, Annette Martha Belanger, Amy Josephine Galloway, Cynthia Rae Hodges, Nancy Marie Hurley, Nancy Darling Hutchinson, Nancy Williams Johnson, Sandra Kay Keith, Sylvia Elaine Kellum, Katie E. Leonard, Sandra Doreen Martin, Bonnie Ruth Mayson, Sally Royce McHugh, Paula Anne Officer, Katherine Daniel Orne, Thu Le Pham.

Josette Samedi Pietz, Gay Lyn Poffinbarger, Roberta Jo Powell, Richard Cameron Powers, Cynthia Christine Riedel, Susan Ella Robinson, Cheryl Ann Ryder, Jennifer Salinas, Pamela Marie Sansone, Sylvia Esther Smith, Judith Ann Squyres, Patricia Joan Tondera, Pamela Cepicky Waggoner, Elsie M. Watson,



POST-GRADUATE BARBECUE was the order of the day following commencement at the School of Public Health. Londa Wilson, a master of public health graduate, appears ready and willing to dig in.

Susan Willmann, Inez Mallory Yates, Nancy Patrice Zamboras.

March 1982: Carla Jean Allen, Debra Theresa Bleakney, Eileen Ader Bole, Derek Leon Cole, Candice Lyn Comstive, Donna Karen Davis, Sharon Lowman Day, Heidi Luree DeNicola, Patricia F. Duffin, Gayle Marie Collins-Gazzola, Theresa Jean Giddings, Heidi Sue Hahlen, Ophelia Herrera, Dianna Lynn Irwin, Cheryl Ann Jalfon, Ann Marie Juttner, Patricia Candace Krupa, Joyce E. LaRue.

Ann Siu-Liu Lau, Francine Michele LeDoux, Linda Marie Limbrick, Lori Elizabeth Link, Tyrone Logue, Amanda Cook Matthews, Tami Anne Morella, Sandra Louise Morrow, Traute Irene Moye, Kathleen Carol Mudd, Laurel A. Murray, Sudaratana Yindeemark Pathanibul, Raeann Lee Matson Scheuerman, Carol A. Seiferman, Melinda Louise Wesner, Joan P. Wilson, Donna Gail Winkle, Cynthia Johnson Winthrow, Joy L. Wolff.

June 1982: Leticia Marie Avila, Joy Ann Babb, Linda Elaine Baird, Charlotte L. Bartley, Rose M. Bielenda, Cynthia Ann Brown, Patti Liles Brown, Ruth E. Buls, Molly Ann Cox, Meredith Ann Craven, Toni Dee Darby, Sherry G. Davis, Robert Gary Driggers, Vera Flores Edwards, Shirley Jean Edwards, Elizabeth Diane Ford, Ann Lorraine Gamelin, Tina Marie Gibson.

Judith Black Gilcrease, Priscella Green, Susan Marie Hainley, Jane Vee Hall-Rockwood, Karen Haldy Harper, Janet Richardson Harrison, Kathy Corbell Henkes, Ramona Kay Johnson, Pamela Marie Kapustay, Ginger Lynn Kiesling, Steven Monroe Koons, Katheryn Lyn Koralewski, Connie Patricia McDonald, Fawn Aline McDonough, Adrian S. Melissinos, Barbara Jean Meschwitz, Sandra Jean Neeley, Jana Rudink Ott, Ellen Ann Pace.

Kathy Jean Parrish, Gemma Evelyn Patterson, Antonia Arebalo Perez, Pamela Lynette Rhodes, Kelle Ann Ries, Christa Leigh Robertson, Shirley Ann Rosendahl, Rebecca Jo Schultz, Janet Anne Senyk, Frances Ewald Surgenor, Kay O. Thoresen, Harriet Sumbo Tuyo, Susan Diane Verkin, Mary Carmen Villarreal, Shelley Ables Webster, Willola Kelley Wilkins, Pamela Ann Windham, Carolyn Yvette Winn, Mary Frances Witte, Jenny Annette Wood, Frances Ann Zandstra.

School of Public Health

Degree of Master of Public Health

September 1981: James Arthur, Elizabeth Bladwin, Carol Breslauer, Marshall Bryan, Joseph Fraley, Joanne Gibeau, Woodrow Jones, George Lemp, Paul Mattox, Punam Myer, Joseph Otubu, Luther Pettigrew, Katherine Rathbun, St. John X. Sosa, Gregory Swint, Kathleen Valusek, Londa Wilson, Madelyn Winterholler and Catherine Woolard.

December 1981: Soubhi Ajalyakeen, Jose Alcala, Mohammad Al-Ris, Mary Arnold, Khleber Attwell, Philip Baily, Karen Cook, Susan Graves, Pamela Harris, Tsong-Ming Hsu, Elizabeth Jeter, Chen-Hsiang Kuo, Alison Langdon, Theresa Pilon, George Pool, Pamela Riebel, Elvia Rios, Leslie Rucker, Gary Sluyter, Greg Spearman, Mohammad Taleb, Ling Tam and Kenneth Wells.

March 1982: Salvador Almanza, Lorian Apel, Dominic Asika, Daniel Barnes, Elizabeth Chavira, Francis Chiappetta, Charles Cortez, Kathleen Dreher, Leann Eldridge, Mauguerite Grimes, George Hiller, Maria Jaen de Izquerido, Elaine Jenkins, Mary Kutka, Olamide Ogunyank and Susan Smith.

June 1982: Susan Baranowski, Dr. Robert P. Belihar, Jacqueline K. Bucher, Lee Bukstein, Chunhuei Chi, Dr. Arif A. Chowdhury, Michael Colopy, Gary S. Corrick, Julianne Crevatin and Donna G. Daniel.

Michelle De La Mare, Dr. Lloyd E. Dodd, Andrea C. Doughtie, Dr. Jerry W. Felkner, Jennifer M. Fisch, Jorge Flores, James Fraser, Gail I. Gaebe, Joy A. Gianolio and Gale G. Hannigan.

Dr. Victor Harville, Dr. David Henderson, Jane Hollingsworth, Dr. Cynthia G. Hoobler, Judith Jacoby, Dr. Chu-Ling Jiang, Houriya S. Kazim, Abby M. Kurth, Dr. Jui-ling Li and Janet E. Maier. phen Flannigan.

March 1982: Martin Barrie, Miriam Clyburn, Deborah Dietrich, Joseph Ebeling, Jose Estrada-Franco, Sixto Mendez and Ana Moreno-Sanchez.

June 1982: Michael D. Badzioch, Cecile Blake, Melissa L. Bondy, Cham E. Dallas, Judith P. Henry, Barbara King, Rena S. McPherson, James Wohlleb and Susan T. Wolfson.

Degree of Doctor of Philosophy

September 1981: Jimmy Perkins and Barbara Tilley.

December 1981: Chalda Maloff, Charles Moffitt and Lee Sanderson.

March 1982: Richard Baumgarter and Judy Mumford.

June 1982: Ekanem E. Ekanem, Nita L. Lewis, Barbara E. Liss, Tariq A. Mian, Ernesto Ruiz-Tiben and Lorann Stallones.



ON PINS AND NEEDLES before graduation, or will tape hold as well? Maria Delia Perez (left), a cytotechnology certificate graduate, tries to stand still as School of Allied Health Sciences administrative assistant Kenna Waters (right) and another graduate (behind Perez) work quickly to attach Perez's collar before the march begins.

Geraldine McCarren, Mary Jane McClure, Melinda C. McClure, Dr. Thomas M. McNish, Edna Mitro, Marilyn M. Moss, Dr. Patrick Najnam, Mary Ann Newman, Dr. Gbadebo O. Ogungbade and Clifford D. Overfelt.

Dr. William A. Pollan, Maria E. Ramirez, Dr. Michael Robinette, Linda C. Rollins, Michael J. Slaght, Frances V. Smith, Alex Vash, John J. Verber, Dr. Errol E. Vernon, Louise Villejo, Lesa Walker, Dr. Arthur F. Wells and Dr. Philip L. Zbylot.

Degree of Master of Science

September 1981: Duane Eberlein, Herbert Hand, Peter Harnett, John Loewy and Harry Sokolow.

December 1981: David Davies and Ste-

Degree of Doctor of Public Health September 1981: Arthur Badgett. December 1981: Anna Haine, Kirk Harlow, Ingrid Hernandez and Marisol Perez.

March 1982: Elizabeth Anderson, John Lowe, Judith McFarlane, Okechukwu

Nwanyanwu, Ray Pentecost and Yungming (Paul) Wang. June 1982: Nancy K. Hansel, A. Russell

June 1982: Nancy K. Hansel, A. Russell Lokkeberg, Norman M. MacDowell, Kenneth A. Oyarebu, Maija L. Selby, Charles M. Sewell, Roger C. Stotts, Annie M. Wilson and Claire Wingerter.

Grad students teach the teachers at biology workshop

By Mel Ramsay Graduate School of Biomedical Sciences

It's one of the best ways to keep up with what is new in science, say Ida and Bob Medlen. Both are high school biology teachers, she at Bellaire High; he at Sharpstown. They were among more than 75 teachers and students participating in this year's High School Biology Teachers' Workshop.

The GSBS Graduate Student



Do you daydream about retirement? Careful planning is necessary to realize those dreams someday. A series on "Retirement Planning" will be offered free to all HSC faculty and staff who are 45 and older.

On five Wednesday evenings from July 14-August 11, attendees will confront financial, social, physical and legal issues associated with retirement. Guest speakers, films and experts on various topics will be featured.

The schedule is as follows:

July 14 — The value of planning July 21 — Fitness and health; Medicare/Medicaid

July 28 — Meaningful usage of time August 4 — Legal implications of the later years

August 11 - Finarcial security

All seminars will be held from 7-9:30 p.m. in room 416 of the Houston Main Building. Call Human Resources and Employee Relations (792-4911) for more information. Association has conducted the workshop every spring for the past eight years. There are no charges to the teachers or their students, and the Graduate Student Association always has more students willing to give lectures than there is time during the twoevening workshop.

The topics and students this year were Jeff Moo, "Origins of Cancer"; Judy Yannariello, "Monoclonal Antibodies — Their Applications in Cancer Research"; Danny Welch, "Tumor Metastasis and Its Treatment"; Thom Saunders, "Leukemagenesis in Mice"; Hugo Barrera, "The Lives of the DNA Molecule"; Maureen Goode, "Studying Diseases with Genetic Engineering"; Pete Watson, "Effects of Disuse on Skeletal Muscle Metabolism"; Steve Sansom, "Methods of Studying Nephron Function".

Jeffrey Palmer was the organizer for the Graduate Student Association.



A GRAB BAG of good-for-you goodies helps Jeanne Martin, assistant professor of nutrition and dietetics in the UT School of Allied Health Sciences, teach kindergarteners, first and second graders at MacGregor Elementary School about good nutrition.

NIH official talks at Med School about funding, the future

By David Moore

The outlook for biomedical research funding doesn't appear to be any brighter for next year than it was for this year, from Dr. George Brooks' point of view.

Brooks is director of extramural activities for the National Institute of Arthritis, Diabetes, Digestive and Kidney Diseases, one of the National Institutes of Health. He spoke recently to researchers at the Medical School. Excerpts of his talk follow.

On the future: "I don't see the sources of funds improving significantly in the next few years. However, I don't think one should say merely because funds are getting tight that there's no point in applying. I think the level of competition just goes up. We're still making new awards."

On criteria for funding by NIH: "You know, we're not talking only about science any more, we're not talking only about quality of science: that went out of the window some time ago. We have to talk about the mission of the institute and what needs to be done, or how important a particular laboratory is to an area."

On summary statements, which tell unfunded investigators why NIH application reviewers turned them down for funding: "One of the problems I think we have is that it's hard to capture in a summary statement the flavor and the detail of the [reviewers'] discussion... I think it's a very noble thing to say we're going to send you a summary statement that's going to capture the essence of their discussion. But realities are probably far short of that.

"Somehow I think we may be bending under the weight of the system. Because what we send you as a summary statement does not really represent — and they'd kill me if they heard me say this — but does not really represent a distillation of that scientific discussion. It's [the reviewer's] best attempt at it. But he falls short."

On future funding areas: "In my own institute, since there has been a lot of interest in digestive diseases, I wouldn't imagine we're going to see significant increased funding in that area over the next few years. I would imagine diabetes will continue strong. Arthritis will begin to emerge... The third area that's going to become important I think is kidney research...

"Now that sounds like the whole institute but we have program areas in nutrition, dermatology, hematology, cystic fibrosis, endocrinology and orthopedics, and none of those are coming in for major congressional interest at this time. Psoriasis is the only program [among those] that seems occasionally to get some congressional concern."

"What about liver diseases?" someone asked.

"Liver diseases are included with digestive diseases," Brooks said.

"So liver's not out?" the questioner asked.

"No liver's not out. No, liver's in; it's in. Liver's well in this year," Brooks said.



Dr. George Brooks



Saving a Life Could Be Up To You

Traffic accidents kill more than 50,000 people each year. Many could be saved by simple first aid at the scene.

Shell Oil Company's Answer Book #30, "The First Aid on the Road Book," lists the essential steps in administering first aid at the scene of an accident: move the victim out of danger if necessary; check for breathing, bleeding, and shock; and call an ambulance.

The book was written by Ed Hawthorne, manager of safety and industrial hygiene at Shell's Wilmington, Calif., Manufacturing Complex, with the cooperation of the American Red Cross.

"The First Aid on the Road Book" is available free at participating Shell stations or by writing to Shell Answer Book, P.O. Box 61609, P. R. Department, Houston, Texas 77208.

Avoid Wild Animals

Rabid animals have been reported in Harris County by the County Health Department.

For your own protection, health department officials remind everyone to avoid all stray or wild animals; avoid injured or sick animals; vaccinate all dogs or cats annually for rabies; and confine all pets or keep them on a leash.

Help For Consumers

The federal government and many states have offices to aid consumers in settling complaints. For a free copy of a booklet listing telephone numbers send a postcard to "Direct Contacts for Consumers," Consumer Information Center, Department 599 K, Pueblo, Colo. 81009.

Nursing faculty member honored by scholarship fund

A Memorial Scholarship Fund for Nurses has been established in memory of Annie R. Norris, assistant professor in the School of Nursing. She died May 17 of cancer.

Funeral services were held May 21 in Pilgrim Congregational United Church of Christ in Houston. The nursing faculty were honorary pall bearers, and Dorothy Otto, assistant professor, gave the tribute from the school.

Norris, a Vicksburg, Miss., native, was a graduate of Jackson (Miss.) State College, Lincoln School for Nurses, New York; and the University of Colorado. She was a doctoral candidate at Baylor University School of Allied Health Administration at the time of her death.

Before joining the UT faculty, she was on nursing faculties at Prairie View A&M University, Houston Baptist University and Pennsylvania State University.

She was on the board of directors of the Visiting Nurse Association of Houston; executive committee, March of Dimes Birth Defects Foundation; past president, District 9, Texas Nurses Association; delegate, American Nurses Association; president, Zeta Pi Chapter, Sigma Theta Tau, national nursing honorary society; charter board member, Sickle Cell Disease Research Foundation of Texas; and active in many other civic and professional organizations.

She is survived by her husband, Dr. Edward P. Norris; a daughter, Kathy Edwann Norris; a son, Edward Pershing Norris Jr.; her mother, four sisters and three brothers.

Donations to the scholarship fund for undergraduate nurses can be sent to the nursing school dean, Dr. Arlowayne Swort.



Annie Norris

Allied health alumna remembered with loan fund

An emergency loan fund has been established for nurse anesthesia program students in the School of Allied Health Sciences (SAHS) in memory of Susan Marquart.

Marquart, a 1980 graduate of the program, died March 15. She was 27 years old.

A North Dakota r.ative, Marquart came to Houston for the nurse anesthesia program in April 1978. After graduation, she worked at St. Luke's Episcopal Hospital until she started suffering from adenocarcinoma.

"She had no problems until she got ill with the flu," recalled Hershal Bradshaw, one of Marquart's instructors and director of the nurse anesthesia program. "Then they found out she had terminal cancer. She was ill less than six months. She stayed in Houston and refused treatment at first. Later she had a few palliatives" (treatments providing relief, but not cure, of the disease). The loan fund idea came from Bradshaw. For months, long before Marquart's illness was discovered, Bradshaw had wanted to establish a fund for nurse anesthesia students. He mentioned the idea to many students and faculty members, but little was done about it.

After Marquart's cancer was found, two of her close friends asked Bradshaw if he would establish the loan fund in Marquart's name. He agreed, but was worried about how she would feel if he named the fund for her while she was still living. So he asked her.

"She called me and was ecstatic" about the idea, he said.

Nurse anesthesia alumni contributed, and the loan fund was established as a tax-deductible account.

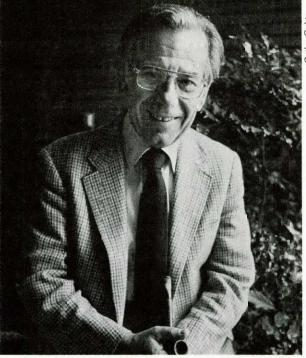
Marquart had already left her textbooks with Bradshaw, so that another student might use them. She seemed happy to leave her name for use as well.



Susan Marquart

PLANNING A NATIONAL MEETING were members of the executive committee of the Texas Association of Chicanos in Higher Education. Dr. Frank Longoria (below) is president of the association and foreign student adviser at Texas Woman's University in Derton. Mary Helen Barajas, director of the HSC's Office of International and Multi-Ethnic Affairs, was host to the planning meeting here. She is the association's representative for the Gulf Coast region.





WATCHING WHAT YOU EAT — Dr. Milton Nichamen's specialty is what people eat and how that affects their health. New to the full-time faculty at the School of Public Health, Nichaman, a professor of nutrition and epidemiology, is particularly interested in looking at the nutritional and health status of disadvantaged children in the Rio Grande Valley.

Shutterbug Sweepstakes seeks your best shot

Start saving your photos for the Third Annual Houtexan Shutterbug Sweepstakes. Read on for the rules.

Eligibility. The photo contest is open to students, faculty and staff of the UT Health Science Center at Houston. Professional photographers are not eligible. Photos must have been taken betwen Sept. 1, 1981, and Sept. 1, 1982.

Theme. The theme of the contest is "Your Best Shot." Just enter your best picture — whether it is a family gathering or the Daytona 500, a vacation shot or an arrangement of test tubes.

Judging. Entries will be judged in two categories: one for color pr nts and one for black and white prints. You may submit as many as three photos in each category. Slides will not be considered. Please do not send negatives. Judging will be done by qualified jurors.

Prizes. First place winners in each category will receive \$25; second place, \$15; and third place, \$10. Judges reserve the right not to award three prizes if there is an insufficient number

of entries in a category. Winning photographs will appear in The Houtexan, and winners will receive certificates of recognition.

Deadline. Entries must be received by 5 p.m. Sept. 7, 1982.

How to enter. Entries may be sent through interinstitutional mail or handcarried to The Houtexan, Public Affairs, Room 11.140, Houston Main Building.

Photographs may be any size as long as the entry, including any matt-

ing, will fit into a $10'' \times 13''$ envelope.

The Houtexan cannot accept liability for photos that are damaged or lost in handling or in the mail. If not mounted, an entry should be enclosed in an envelope with a rigid backing material to prevent damage.

After judging, entries may be picked up from Public Affairs, Room 11.140, Houston Main Building.

The following entry form or a photocopy of the form must be attached to each entry.

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NTSU LIBRARY

Afterthoughts



SCHOOL'S OUT! The end of the academic year calls for a celebration and is a good excuse to dress punk at one of the parties for Health Science Center people.

The University of Texas Health Science Center at Houston P.O. Box 20036 Houston, Texas 77025

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