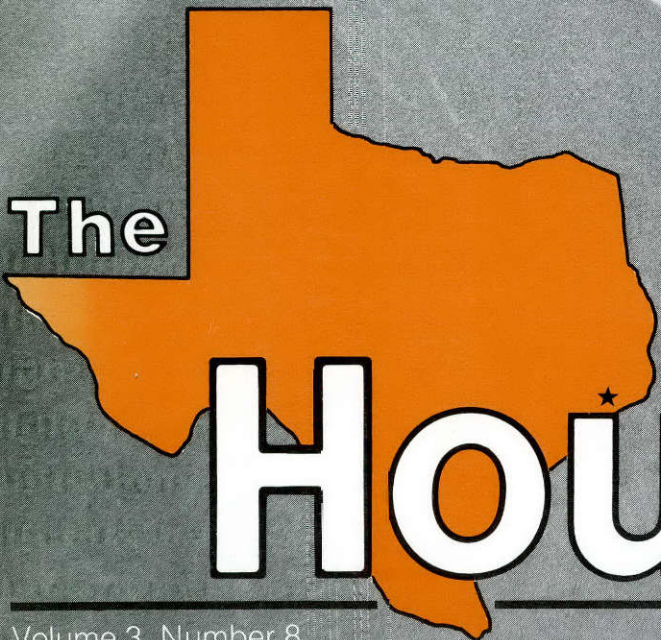
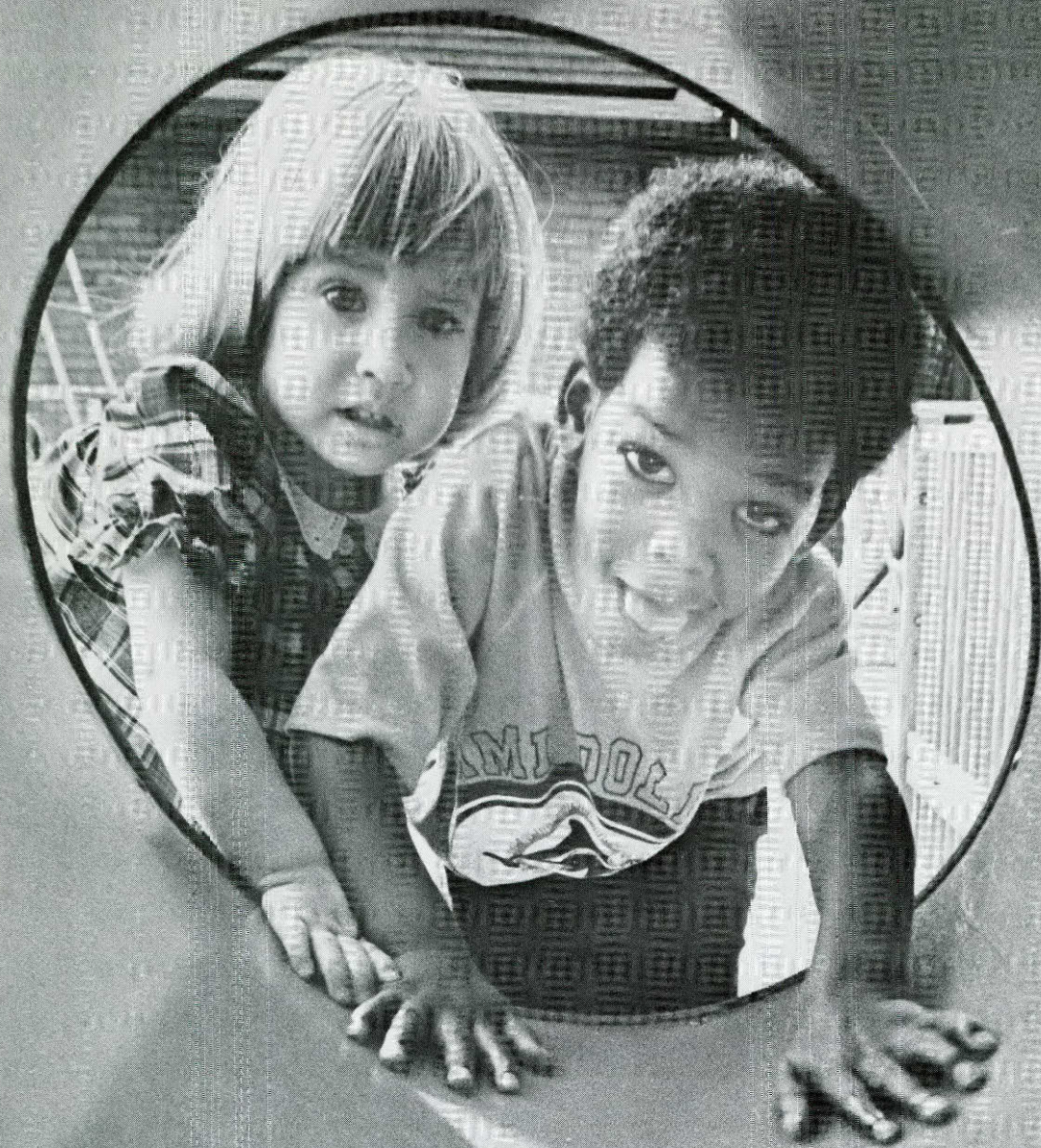


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NON-CIRCULATING

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The University of Texas  
Health Science Center  
at Houston

Volume 3, Number 8

March 1, 1982

NON-CIRCULATING  
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# Study shows old ingredients make new remedy

By Kenna Giffin

Remember when your mother or grandmother used to tell you, "When I was growing up, we didn't have toothpaste. We used baking soda"?

Welcome back, baking soda.

David Nelson, a senior dental student at the Dental Branch has tested the product in combination with salt and hydrogen peroxide and found it dramatically improves severe cases of periodontal disease.

The disease affects the tissue that holds teeth in the mouth, Nelson explained. When it becomes diseased, the tissue bleeds easily, the underlying bone structure might be affected and support for the teeth is lessened. In extreme cases, the teeth fall out.

Any bone damage occurring from the disease remains, but the visual effects can be cleared up and the bleeding stopped with the baking soda-based treatment, he said.

Nelson, whose work was supervised by a faculty advisor, warned against considering the treatment a cure

for periodontal disease. The condition usually requires more definitive treatment, he said, but the brushing solution will remove inflammation and tends to help in more intensive treatment.

Nelson saw an article describing the treatment in "Modern Maturity" magazine. It was written by Dr. Paul Keyes of the National Institute for Dental Research. Nelson was intrigued with the idea and decided to expand on it.

To see the effect, he used the treatment with 18 patients for 14 months, he said. All the patients had serious cases of periodontal disease.

As Nelson examined his patients, he took samples of bacteria from the infected pockets surrounding teeth. With the help of technicians at the Dental Science Institute, he made slides of the samples and filmed the bacteria moving around, using a microscope attached to a 16mm camera. The film was converted to videotape.

He used the videotape and a poster display, featuring enlarged photos of the bacteria plus information on the treatment, at the Greater Houston Area Dental Association's table clinic last February. The display received a first place award which qualified it to be shown at the American Dental Association meeting in Kansas City a few months later. Each dental school may send only one display to the national competition, he said.

The unusual part of his display was the videotape, Nelson said. He thought it would help in motivating and teaching patients to follow the cleaning instructions required to treat periodontal disease.

Nelson taught his patients to follow a daily teeth and tissue cleaning procedure. That means more than just brushing teeth, he emphasized. The instructions were to floss teeth, then apply a solution of two tablespoons of baking soda mixed with one-fourth teaspoon of salt to teeth and gums with a toothbrush dipped in hydrogen peroxide. A rubber tip on the end of a toothbrush was used to wipe the root surfaces along the sides of the teeth and between them. The patients brushed with the mixture, rinsed with



David Nelson

salt water and applied a one percent fluoride solution if needed for sensitive teeth.

The hydrogen peroxide is used to kill anaerobic (lives without oxygen) bacteria living in the disease pockets, Nelson explained.

Getting patients to change their teeth-cleaning habits is 80 percent of the problem in treating periodontal disease, he added.

Most of the patients' disease problems improved dramatically, going from severe to almost negligible in some cases, the senior student said. In most of the cases that didn't show progress, the patients didn't use the treatment properly. For the worst cases, Nelson had the patients use the cleaning method twice a day. Once was enough for most.

That wasn't an easy task, he added, because the solution doesn't taste good. It also stings tender tissue at first, although he experimented with different proportions of soda and salt to find the mixture that would do the best job without stinging excessively. He told his patients to imagine that their tissue had to develop a figurative callous against the discomfort.

He was recently accepted into the Dental Branch's orthodontics program, which some of his colleagues consider far-removed from his interest in periodontal disease.

He thinks the disease treatment can be useful in orthodontics because of the extent to which braces trap food particles, making patients susceptible to periodontal disease. He plans to write a master's thesis on the treatment's applications to the orthodontic patient.

"The results (of the treatment) were very, very dramatic," he concluded. "In fact, they were so dramatic that I use the stuff every morning and probably will for the rest of my life."



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Cover: Children at day-care centers are particularly susceptible to diarrhea. See story on p.3. (Photo by Cathy Gubin)

# Day-care centers can be source of diarrhea to community

By David Moore

Day-care centers, the mushrooming facilities that care for the preschool-age children of working parents, may be a major source of diarrhea to the community, says a specialist in pediatric infectious diseases.

Dr. Larry Pickering is the specialist. Diarrhea is one of his areas of research interest, and day-care centers are where he has seen it spread not only among the children but also to the staffs and out into the community.

"The spread of (diarrhea) beyond the day-care center into families and then into the general community may represent a major problem in public health," according to a report by Pickering, who is associate professor of pediatrics and works in the Medical School's Program in Infectious Diseases and Clinical Microbiology.

But it's not as if we were helpless, says the researcher. Some common sense on the part of the day-care centers and the parents of their daytime guests can go a long way towards controlling the disease, he believes.

Diarrhea is a major killer of children, especially infants, in underdeveloped countries. In Houston the death rate is low, and the problem is largely one of discomfort and some expense.

But, as in the third world countries, in Houston it's the children who get the worst of the disease. For in addition to the discomfort there's the accompanying dehydration that the infants can do little about. They can't get up and get a glass of water, and their bodies don't have the fluid reserves of an adult.

Children are also unfortunate enough to be particularly susceptible to diarrhea, those under age three even more so than older kids. That's because the younger children haven't yet been exposed to many of the organisms that cause diarrhea and thus haven't built up defenses against them. And in day-care centers, Pickering notes, children are generally in close contact with each other, which makes transmission simple. Frequent lack of good personal

hygiene among young children also contributes to outbreaks, he said.

With such a good breeding ground as the day-care centers can be, it's just one step for the disease to spread out into the community.

Diarrhea, in the guise of several different organisms, most often reaches the kids, or anyone else, through one of four pathways: water, food, pets or other people. It's transmitted from hand to mouth, or hand to food to mouth. It can break out in day-care facilities when just one child brings it in, and then be passed around when hands aren't washed after changing diapers, Pickering said.

In one year of the present study 178 cases of diarrhea appeared in six day-care centers. An additional 42 cases showed up in family members of children and staff.

"Almost all day-care centers have children with diarrhea," he said.

Some common sense rules, however, can probably help prevent the problem, Pickering said. He offers these suggestions:

- Education of day-care center staff about the importance of good hygiene, especially handwashing.

- Exclusion from the center of children with suspected or proven diarrhea.

- Avoidance of overcrowding in the centers. Diarrhea has appeared more often in the more crowded centers, especially in infants.

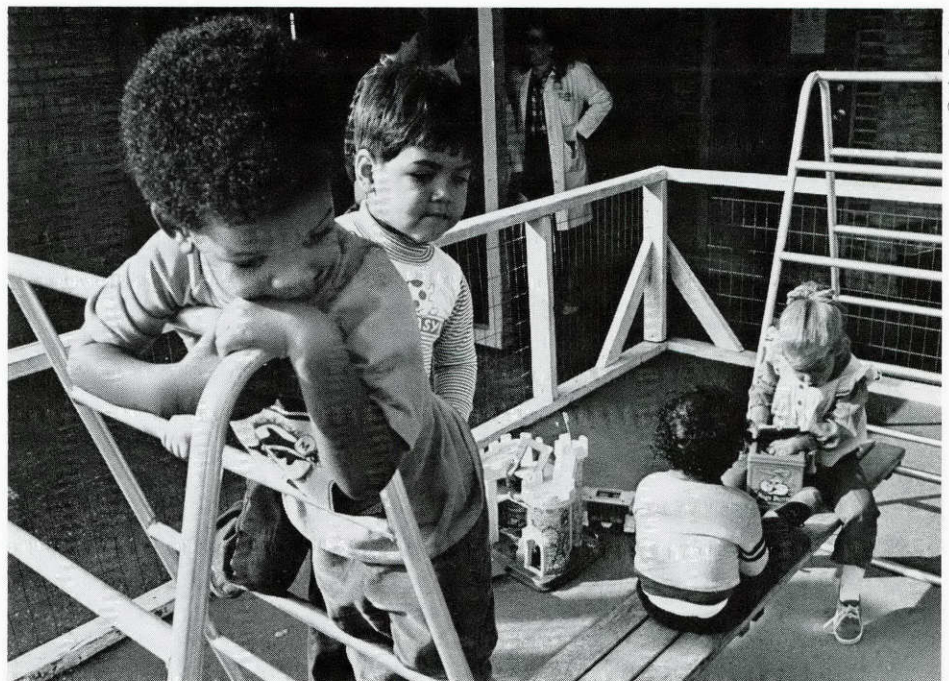
- Supervision by the staff of the use of toilets and potty chairs.

- Availability of a health coordinator and written health guidelines.

- Separation of older children from infants.

Pickering believes parents should look for more than just convenience in a day-care center. Parents can determine fairly easily if a center is clean and intelligently operated, he said.

Pickering, however, believes the long-term solution lies in raising the status, education and pay of child-care workers to the level of professionals or para-professionals. He also recommends certification of child-care workers.



Cathy Gubin

*AT PLAY* in a Houston day-care center, these children think most about friends, toys and Mom's arrival. But they could be taking diarrhea home with them if the center doesn't work to prevent that from happening.

# Dentist's patients are captive audience

By Kenna Giffin

First, they enter the compound through a large gate. Their instrument bags are searched by security guards. Then, one by one, they pass through three huge, shiny, brass gates, each one closing behind them before the next one opens.

They cross the exercise yard and enter the hospital building itself.

Dr. William C. Roche and two oral surgery residents repeat this scene every Monday when they arrive at their weekly destination: Huntsville prison.

The first time he went there five years ago, Roche found the experience unsettling. The new residents usually do, too, he said. He's growing accustomed to the searches and the security.

"It's an eerie feeling," he admitted. "I think, 'Oh, my God, am I gonna get out of here?' especially when I read in the papers about riots."

But those thoughts don't occupy his mind once he starts his schedule

there. The Texas Department of Corrections (TDC) has a number of full-time, general-practice dentists, so Roche focuses on his duties as an oral/maxillofacial surgery consultant. Thanks to an agreement between the TEC and the Dental Branch, prisoners can receive needed oral surgical treatment: removal of impacted wisdom teeth, multiple extractions, repair of facial fractures and occasional correction of malformed jaws as well as other necessary surgeries.

The prisoners are referred from units throughout the state system.

There are outpatient and inpatient facilities in the hospital complex, Roche said. Prisoners are treated in the facility that best serves their needs.

"The treatment (by the oral surgeons) is first class — the same that they perform at institutions within the medical center in Houston," Roche said. "We get good support for our residency program, and in return we supply a service that is needed. TDC has no full-time oral surgeon.

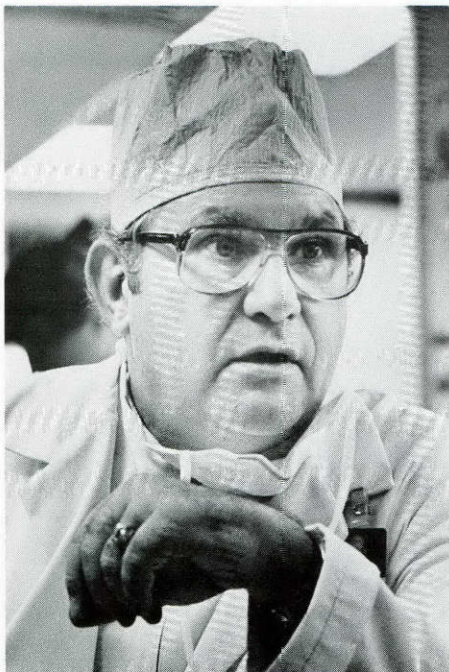
"We aren't going up there experimenting on the prisoners," he added. "We take a fourth-year resident and a third-year resident. These fellows aren't neophytes."

Roche and the residents see from 20 to 40 patients per day when they go to the prison. That includes evaluations and post-operative checkups. But if there's a need, Roche sends a resident up at other times during the week.

When the program began in 1968, the oral/maxillofacial surgery staff took turns going to Huntsville. Roche also rotated through the job until he started going consistently about three years ago. He lives off FM 1960, he said, and because of the traffic finds it easier to go to Huntsville than to travel to the medical center.

And he finds the work rewarding.

"Most of the prisoners are very appreciative of what we do for them," he explained. "We do what we feel is best for them. We have to take our environmental conditions into consideration. But it is clean and the TDC staff has made every effort to update the facilities."



Cathy Gubin

**PRISON DENTIST** — Dr. William C. Roche, an oral-maxillofacial surgeon in the Dental Branch, goes to Huntsville prison once a week to treat prisoners. Two dental students accompany him in the unusual clinical.

## REC CENTER

You can learn to belly dance every Wednesday night at 6:30 at the Rec Center.

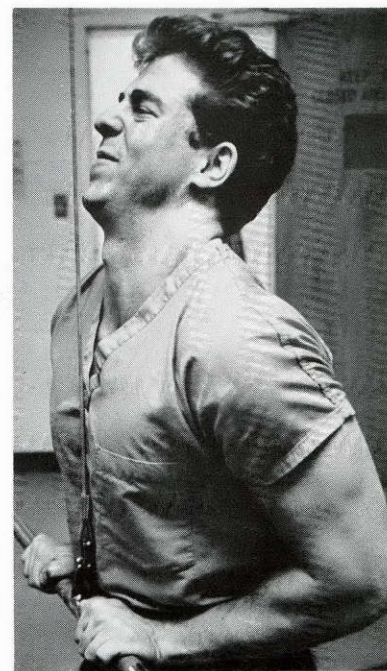
If you are interested in country and western dance lessons, contact the center for more details.

The spring Fun Run will be April 24 beginning at the Hermann Park golf clubhouse.

Sign up by March 29 for softball intramurals. There will be men's, women's and co-recreational divisions.

Women's weight training continues to be every Thursday at 5:15 p.m.; exercise classes are at noon daily and at 5:15 p.m. Monday through Wednesday.

For information call 792-5885.



Cathy Gubin

**WEIGHT FOR ME!** Fourth-year medical student Lloyd Benjamin enjoys the universal gym at the Rec Center weight room. The room also has free weights.

# Perfusion technology 11th SAHS program

By Kenna Giffin

The successes of open-heart surgery require surgeons and the rest of the medical team assisting them to have skills and stamina in their specialties — including the perfusion technologist, the person who operates the heart-lung machine. That's why this special allied health profession is in demand — and why the UT School of Allied Health Sciences (SAHS) is answering that demand with a new program in perfusion technology.

Ray McInnis, interim program coordinator, is setting up the new program, which is geared to graduate 40 perfusion technologists a year. The first class of 20 students is scheduled to begin in March, he said.

The program will be the third degree program in perfusion technology in the country, McInnis said. Most of the other 11 schools of perfusion technology offer associate degrees or certificates. The trend is to expand into bachelor's degree programs just as has been done in nursing and X-ray programs.

"In this field, it's happening a lot faster," he added. "The field is only 20 years old. In the past it's been mostly on-the-job training."

The program is going into SAHS after being a part of the Texas Heart Institute (THI) since 1971, he explained. It has been a certificate program there, starting with six months of training and then increasing to a year-long program in 1978. Since 1975 THI has proposed that it be incorporated into a collegiate sequence as a bachelor's degree program. That proposal was rejected several times by the College Coordinating Board.

But the Health Science Center saw the potential in the program and accepted the degree proposal from THI. It has since been approved by all the governing bodies.

THI wanted to switch to a degree program to upgrade the profession, he continued. Past applicants have widely varying backgrounds, but he expects that requiring 60 hours of college cred-

it, the same as are required for several other SAHS programs, will more nearly standardize student preparation.

The student will take three quarters of academic work, then spend four quarters in clinical practice at THI.

"The program combines the clinical facilities of THI and the educational facilities of UT, which will be the best of both worlds," McInnis said.

The THI school was accredited by the American Board of Cardiovascular Perfusion in 1976, and that accreditation will carry over to include the SAHS program, the coordinator said.

Students entering the SAHS program in March will begin their clinicals next January, McInnis said. THI has 10 operating rooms available for clinical education, with another scheduled to be prepared. Students should receive extensive experience participating in some of the 5,000 open-heart operations THI does each year, plus clinicals planned at Hermann Hospital and M.D. Anderson Hospital.

A student completing the degree program probably can expect to make from \$20,000 to \$25,000 per year in an entry-level job, although salaries

vary in different parts of the country, he said.

McInnis is a natural choice to work in developing the new program, as he graduated from the THI course in 1976. After working in his hometown of Beaumont, he returned to work part time at THI in 1977 and was employed full time last June as an instructor in the school. He holds a Master of Education degree from the University of Houston.

Other program personnel include Dr. William Walker, assistant professor of surgery in the Medical School, who is the medical director of the new program. Charles Reed is the program director. Dr. Denton Cooley, surgeon-in-chief at THI, has directed the THI perfusion technology program.

McInnis said there has been a continuing demand for the program with up to 150 applications being received for each class. Two classes will continue to graduate each year, he said.

"The job market is tremendous," he said. "It used to be limited but now open-heart surgery is more routine. For example, in Beaumont, with a population of 100,000 people, there are two open-heart surgery programs. There are only three hospitals in Beaumont."

*TAKING NOTE of vital information about the heart-lung machine he's learning to operate is Texas Heart Institute (THI) perfusion technology student Warren Goodwin. The perfusion technology program will become the 11th program in the School of Allied Health Sciences this month, under the direction of Ray McInnis who now oversees the program at THI.*



Texas Heart Institute



# Space shuttle: experts look at what happens after the smoke clears

By David Moore

How do you go to the bathroom in zero gravity?

And if people once worried about pollution from the supersonic Concorde, mustn't such effects from the space shuttle be even more worrisome?

These and other questions relevant to the space shuttle program were answered at a recent School of Public Health colloquium. The experts: Dr. Stanley Pier and Dr. James Vanderploeg.

First the problem of personal hygiene.

"The shuttle has a potty just like any other recreational vehicle," said Vanderploeg, a NASA flight surgeon, "only it needs some assistance because in zero gravity things don't go down." A vacuum attachment takes care of that.

Sleeping accommodations are another aspect of the internal environment of the shuttle addressed by Vanderploeg, who received his Master of Public Health degree from the School of Public Health. They are, he said, "pretty primitive," similar to camping out. The accommodations put together by advanced NASA engineers are — sleeping bags. Virtually all of the inside of the craft is lined with Velcro, he said, so that the weightless astronaut ready to go to sleep after a hard day can crawl inside his sleeping bag, then attach the bag to the wall.

In the two shuttle missions thus far, however, most astronauts have chosen to sleep in their chairs in case any warning lights in the cockpit area should go off. The exception, Capt. Richard Truly, lay down in midair, being weightless, crossed his arms and went to sleep, according to Vanderploeg.

The zero gravity environment has several effects on the human body, the flight surgeon said. One of those is a shift in body fluids, particularly the blood, upward in the body because of the absence of gravity to pull it down.

"When gravity shifts that back

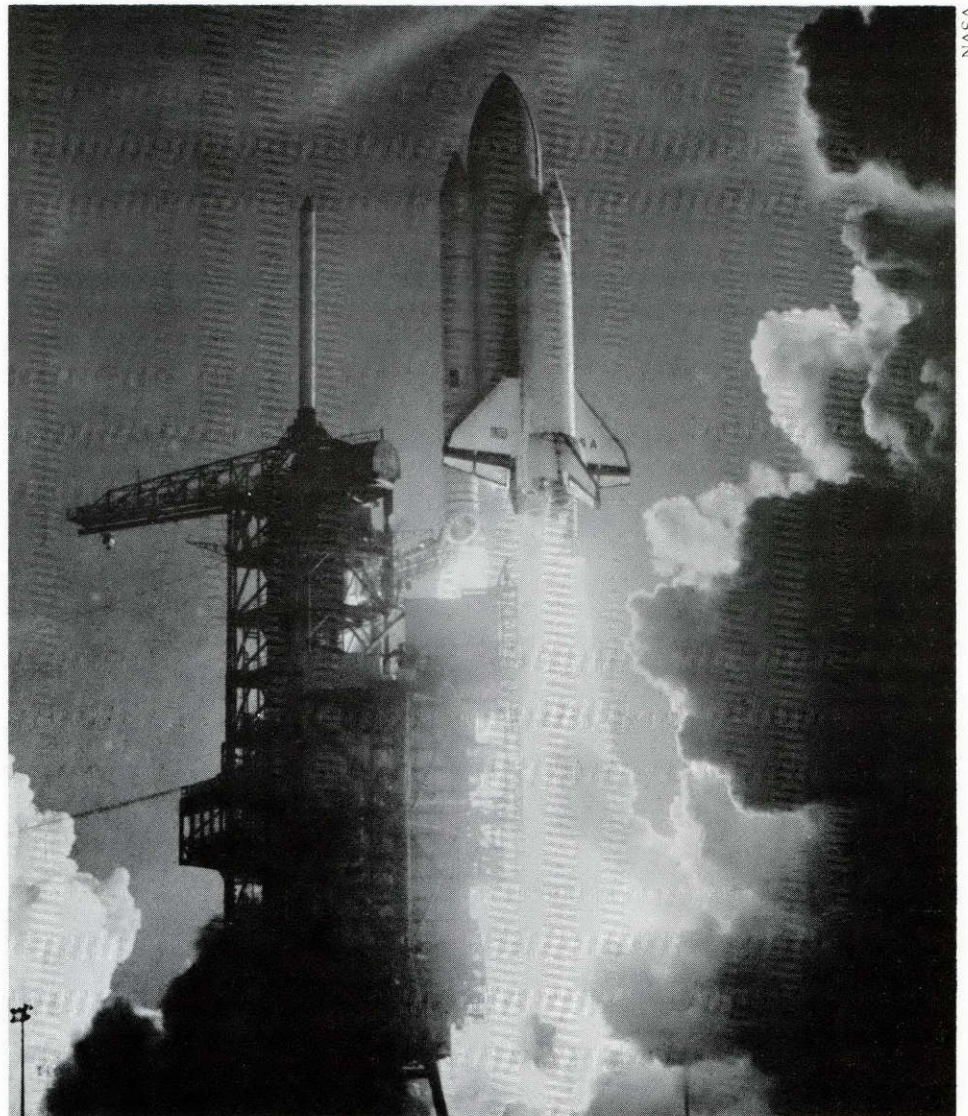
(upon reentry) the face is very drawn. They (the astronauts) look about 10 years older when they first land, and that is because of fluid change. That resolves itself in about two hours," Vanderploeg said.

Other effects of the flight, as far as doctors have been able to ascertain with the limited number of subjects, are of similarly short duration. These include loss of muscle mass, motion sickness, loss of some calcium, a decrease in the number of red blood cells and some biochemical changes.

When the space shuttle lifts off — what's hoped to be a common occurrence in the not too distant future —

the craft leaves behind its impressive plume of exhaust and steam. Pier, as a member of the team that monitors the shuttle's effects on the environment, has been concerned with what happens to that plume after the shuttle is out of sight.

The shuttle is about the size of a DC9. Its rocket is the most powerful used by NASA, with the exception of the Saturn V used in the moon missions. Liquid and solid fuel in the tanks attached to the orbiter provide six *million* pounds of thrust. Released into the atmosphere in the exhaust are 56,000 kilograms (123,000 pounds) of aluminum oxide and 35,000 kilo-



NASA



**Texas Research Institute  
of Mental Sciences**

**Mental Health Training Seminar** - Fri., 11-12:15 p.m., TRIMS Aud.

Taped seminars carried on the HSC-TV Channel 4. Consult the HSC-TV weekly schedule.

**The UT Education and  
Research Computer  
Center**

For info. on courses call 792-6345.

**The UT Health Science  
Center at Houston**

The Institute for the Interprofessional Study of Health Law, an affiliation of UTHSC-H and the Univ. of Houston College of Law, will co-sponsor a symposium with the American Society of Law and Medicine titled: **Human Life Symposium: An Interdisciplinary Approach to the Concept of Person** on March 11-13, Shamrock Hilton Hotel. Contact Dr. Margery W. Shaw at 792-4813 for details.

The second annual **Sportathon** will be held April 17. Entry blanks for events in the sports/health promotion day will be posted on bulletin boards in all Texas Medical Center institutions. Entries are open to all who work or go to school in the TMC. Any group interested in spon-

soring a health promotion booth at Sportathon '82 should contact the Dept. of Community Medicine, UTMSH, Rm. 2.112 MSMB, 6431 Fannin for written details.

**Dental Branch**

March 10 - Ceramo-Metal Restoration Utilizing Occlusal Porcelain with Broken Stress Attachment Variations. 7 a.m. at the Marriott.

March 26 - Restorative Materials: A Critical Look at Present and Future, 9 a.m. at the Marriott.

March 27 - Basic Cardiopulmonary Resuscitation, Session I, 8 a.m., Session II, 10 a.m., Session III, 1 p.m., Session IV, 3 p.m. at Dental Branch.

**Division of Continuing  
Education**

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

The First Symposium on Cyclic Nucleotide Phosphodiesterases will be at the Shamrock Hilton April 15-17.

A symposium titled "Alaryngeal Communication" is scheduled for April 22-23 in the Speech and Hearing Institute Aud.

**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 at Houston**

For further 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. Rm. 2.103.

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

**Endocrinology**

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

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

**Infectious Diseases and Clinical  
Microbiology**

**Microbiology-Infectious Disease Plate Rounds** - Tues., 1 p.m. North Aud., Hermann.

**Internal Medicine**

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

**Noon Conference** - Mon. & Tues., 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.

**Pituitary Service Grand Rounds** - 4th Wed., 5-6 p.m., Rm. 1.024.

March 24 - "Sexual Dysfunction"

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

**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.

**Tuesday Indications Conference** - Tues., 8-9 a.m., Shriner's 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

**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., Rm. 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 MSMB.

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

#### Plastic & Reconstructive Surgery

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

#### Psychiatry

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

"Symposium of Gerontological Nursing" will be held May 12-14 at UTMSH. Contact Caci Kochwelp at 792-5346 for info.

#### Radiology

**Diagnostic Radiology Interesting Case Conference** - Mon., Tues., & Thurs., 1-2 p.m., Hermann Hospital, Jones Pavilion Room 2443.

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

Second Annual Workshop on Nuclear Magnetic Resonance Imaging will be held March 3-6 at Stouffer's Hotel. Contact Sherry Smith at 792-5346 for info.

**Radiology of the Acutely Ill & Injured Patient** - Update 1982, Galleria Plaza Hotel, March 4-6.

#### 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.

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

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

#### Department of 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 pm or Wed. 5-6 p.m. MDAH Aud.:  
March 3 - Pharmacologic Basis of Cancer Therapy - an Overview.

March 5 - Cell Cycle Kinetics in the Planning and Conduct of Therapeutic Research.

March 10 - Use of Computer in Clinical Research.

March 17 - Planning Clinical Studies.

March 24 - Significance of Histopathology Grading and Other Pathologic Parameters in Clinical Practice and Research.

March 26 - Electron Microscopy in Medical Diagnosis.

March 31 - Clinical Application of Cytogenetics.



For further info. contact Dr. Yaal Silberger at 792-2738.

**Cancer Screening and Detection Program for Nurses/Division of Cancer Prevention:**

March 8-26 - Three Week Program. Contact 792-3427 for info.

**Baylor College of  
Medicine**

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

**Department of 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 and times call 790-4693.

**Department of Biochemistry**

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

**Department of Medicine**

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

**Department of 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.

**Neuro-Science Conference** - Fri., noon, Rm. B422 Neurosensory Center.

**Department of Obstetrics & Gynecology**

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

**Department of Pediatrics**

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

**Department of Physical Medicine**

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

March 5 - St. Anthony Center.

March 12 - Jeff Davis Hospital.

March 19 - Methodist Hospital.

March 26 - Board Review Course.

Sixteenth Comprehensive **Review Course** in Physical Medicine will be March 22-April 1 in the Jaworski Classroom.

**Department of Plastic Surgery**

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

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

**Department of Surgery**

**Surgical Grand Rounds** is held from 7:30-8:30 a.m. Sat., Jaworski Aud.:

March 6 - Thoracic GR-Trauma to the Heart.

March 13 - What's New In Atherosclerosis.

March 20 - Surgical Approach to Tubo-Ovarian Abscess.

March 27 - Treatment of Primary Breast Cancer By Limited Surgery.

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

**Texas Institute of  
Rehabilitation and  
Research**

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

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

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

**The UT Medical Branch  
Galveston**

For info. about courses contact Sue Moreno at The UTMB at Galveston, Continuing Ed., 765-2934 or UT School of Nursing Continuing Ed. at Galveston, 765-4802.

**University of Houston**

**Department of Pharmaceutics**

**Seminar Schedule** - Mondays, 11:30 in Rm. 425 TMC Bldg.

March 1 - Effect of Diarrhea on Drug Absorption.

March 8 - Aspirin-Propoxyphene: A Drug Interaction.

March 22 - Pharmacokinetics of 1,1-DCE in the Rat.

March 29 - Effect of Azone on Percutaneous Absorption.

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

## American Heart Association

**Cardio-catherization Conference** - Wed., 4-5 p.m., Rm. 2.035 MSMB.

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

## American College of Radiology

Third International Conference on Particle Accelerators in Radiation Therapy, Shamrock Hilton, March 28-31.

## Area Hospitals

### Eastway General Hospital

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

### Hermann Hospital

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

Houston Northwest Medical Center  
**Continuing Education Courses for Physicians** - Tues., 12:30-1:30 p.m. For further info. call Anna Elliott, 440-2104.

### Memorial Hospital

**Regular Conferences** - Wed., 7 a.m., Dining Rm. D. For information 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** - Thurs., (1st, 2nd & 4th), 8-9 a.m.

**Surgical Case Presentation** - Thurs., (2nd), 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** - Tues. (2nd & 4th), 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 and lectures contact Dr. John D. Milam, 521-4279.

### Twelve Oaks Hospital

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

### Texas Heart Institute

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

### Shriner's Hospital for Crippled Children

For info. on surgery, clinics and 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 Medical 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. (U.T.-Houston Main Bldg.), Houston, Tex. 77025. Call: 792-4633.

All announcements and information for the next issue of What Goes On (April) must be in our office prior to March 10. Please send announcements to:

Betty Martin  
Editor, What Goes On  
1100 Holcombe Blvd.  
Suite 1118  
Houston, Texas 77025

Or call: 792-4226

Please notify us of change of address.



# NEWS NOTES

grams (77,000 pounds) of hydrogen chloride.

"You really don't get the real impact [of the launch] until you've been there and you've seen it and you've felt it," said Pier, an associate professor of occupational health and aerospace medicine at the School of Public Health and consultant to NASA for six years.

Possible adverse effects of that launch are many. Among them: water pollution, soil pollution, vegetation pollution — citrus groves being of particular concern — contamination to Florida wildlife, noise pollution (during lift-off and landing) and contamination to human observers as well as surrounding populations.

"It is within the operational possibilities that the mission would be scrubbed to avoid that [rocket exhaust falling on the crowds of sightseers]," Pier said, should weather conditions make that a possibility.

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**Virtually all of the inside of the craft is lined with Velcro, he said, so that the weightless astronaut ready to go to sleep after a hard day can crawl inside his sleeping bag, then attach the bag to the wall.**

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Using a network of monitoring systems the group with which Pier works has attempted to assess the shuttle's impact on the environment. Briefly stated, their results showed no adverse environmental effects outside of acceptable limits. As a matter of fact, more degradation was done to groundwater from car exhaust from the multitude of observers than from the shuttle itself, Pier said.

As for the future, Pier and the environmental team will continue to monitor effects from the shuttle at each launch. Vanderploeg will continue his work concerning the astronauts and, thinking ahead, NASA engineers have taken on the task of modifying personal hygiene facilities (i.e. the potty) to accommodate female passengers.

## Houston Festival

From March 18-28, downtown Houston will be a showcase of performing and visual arts including more than 2,500 performing artists, major commissioned art projects, the 11th Annual Crafts and Arts Exposition of The Houston Festival, an art auction, the Gypsy Market, international cuisine, films and the Bayou Bash. For information call 521-9329.

## Rape Program Honored

The Houston/Harris County Interagency Council on Rape honored the Houston Area Women's Center Rape Crisis Program for its operation of a 24-hour hotline for rape victims. Among the individuals honored was Dr. Mark Perl, psychiatry department, for his help in counseling groups of rape victims. The UT Medical School departments of psychiatry and obstetrics/gynecology are members of the city-county council, with Dr. Patti Jayne Ross representing obstetrics/gynecology. Council members from the School of Public Health are Dr. Art Littell, Dr. Dave Martin and Dr. Janet Schreiber.

## When Does Life Begin?

Human Life Symposium: An Interdisciplinary Approach to the Concept of Person, sponsored by the American Society of Law & Medicine and the Institute for the Inter-professional Study of Health Law, will address the conflict and debate surrounding the issue "When does human life begin?" March 11-13 at the Shamrock Hilton.

Scholars from the fields of biology, medicine, law and philosophy will discuss historical and philosophical concepts of what it means to be a human being, the biological understanding of human life processes, the legal definitions of personhood and the constitutional implications of bestowing personhood status on the unborn.

For information contact Dr. Margery Shaw, 792-4813, or the Conference Registrar, American Society of Law & Medicine, 765 Commonwealth Ave., 16th Floor, Boston, Mass. 02215 or call (617) 252-4990.

## For Your Children

The children of some Health Science Center faculty, employees and students might benefit from a special public school only 10 minutes from the medical center.

Applications are being accepted for next fall's enrollment in the music and science magnet program at MacGregor Elementary School, 4801 LaBranch.

Well-equipped science labs and six Apple computers are available for the science classes. Instruction is offered in general music, violin, piano, band, chorus and orchestra. Advanced classes are available for both academically and musically talented children.

Students from outside the Houston Independent School District are also eligible for consideration.

A limited number of spaces will be available for children in an extended day program until 5:30 p.m.

For information contact the principal, Larry J. Alexander, 529-1920, or the magnet coordinator, James P. Harrison, 524-3066.

## Gerontological Nursing Program

The Department of Psychiatry and Behavioral Sciences will sponsor a symposium on gerontological nursing May 12-14 at the Medical School. Fee is \$100. The symposium provides participants with 17.5 hours Category I AMA credit; CEARP credits have been applied for.

For information call Caci Kochwelp, Office of Continuing Education, 792-5346.

## You'll Love Love Seats

Hermann Hospital's CareAware program is promoting child/car safety by offering an infant car safety seat loan program. Century Manufactured Love Seats, designed for infants, are loaned to new parents for nine months. There is a \$10 rental fee, as well as a \$10 deposit, which will be refunded when the seat is returned in good condition.

The Love Seats were donated to the CareAware program by North Texas State University. Research by the school's Department of Psychology shows that of every 100 children who died in motor vehicle crashes, 80 would still be alive if their parents had buckled them up.

The program is open to the public. For information call 797-4005.

# New assistant dean researches nursing

By Kenna Giffin

Dr. Carol Merwin, assistant dean of the School of Nursing, considers herself a "general practitioner" of nursing.

She's worked in a variety of nursing settings — hospitals, Veterans Administration, Army, nursing home, intensive care, with private physicians — and liked all of them.

Then at the University of Oregon Health Sciences Center, where she earned her master's degree in nursing, she established a continuing education program for nursing.

"They gave me a desk, a phone and a piece of paper and said, 'Set this thing up,'" she said.

By the time she earned her Ph.D. at the UT-Austin School of Nursing, she was into more areas of special interest: research and administration besides philosophy and nursing.

Now, with her appointment as

assistant dean for research, she's putting all her experiences to use in encouraging nursing school faculty and students to investigate topics in nursing.

She actually has a joint appointment as director of nursing research at Hermann Hospital. In addition, she serves on the HSC Committee for the Protection of Human Subjects; the Advisory Board for the Center for Health Promotion Research and Development; the dean's executive council in the School of Nursing; and the management council at Hermann.

She hopes to dovetail all these activities into reaching the three goals she has for both institutions:

- Strengthening research.
- Fostering collaboration between nursing education and nursing practice.
- Eventually, inviting other institutions in on a collegial basis.

"Even within the school, we're wrestling with what that last point might mean," she admitted.

She sees herself as a resource person and consultant for both institutions. She wants to emphasize theory-based research focused on nursing practice in which researchers formulate theories related to nursing, then develop methods to measure the results. That's hard to do in a social behavior science like nursing, she said.

But she knows what can be done in the area. For her doctoral dissertation, she developed a theory of leadership about nursing. Of 1,400 questionnaires she sent to 110 schools of nursing, 804 were returned so she could use her measurement system to do her own data analysis. She was excited to find her hypothesis was supported.

There's research being done in the nursing school here, of course, but not enough, she said.

"The faculty is interested," she said. "I'm finding ways to help them in blending educational, clinical and administrative problems. It's a way of keeping their own education up to date. We can't be teaching those things we learned 10 years ago."

Cathy Gubin



**RESEARCHING NURSING** — The new assistant dean in the School of Nursing, Dr. Carol Merwin, is a specialist in nursing research. She is coordinating projects in that area with others at Hermann Hospital, where she holds a similar position.

## ETC.

### GSBS — Dean's Office

The appearance of "Superman" from "The Singing Cavalier" was the highlight of a birthday celebration for two employees Dec. 11. Honorees were **Lillian Puccio**, executive secretary, and **Edna Merritt**, senior secretary.

### GSBS — Office of Academic Affairs

The staff of the dean's office and office of research services hosted a baby shower for **Debbie Garcia**, administrative secretary, Jan. 25. She and her husband, Elieno Garcia, were expecting their second child in late February.

**Reporter: Becky Starkey**

### Medical School — Orthopedics

**Dr. Carolyn S. Galloway**, wife of **Dr. Jerry N. Street**, a resident, recently became the 10,000th member of the Texas Medical Association. She is a partner in Southeast Texas Emergency Physicians and is affiliated with Houston Emergency Services. She earned a master's degree in public health from the UT School of Public Health and her medical degree from the Medical School. She is working toward board certification in emergency medicine.

### Medical School — Admissions and Student Affairs

**Karen Wiltz**, administrative secretary since June 1981, is transferring to Word Processing in the Medical School as of Jan. 25.

**Pat Caver**, office manager, gave birth to Alexander Hopkins Gilbert Dec. 28. He weighed 6 lbs., 15 oz. Proud papa is William Gilbert. Pat plans to return to work in the spring.

**Reporter: Barbara Short**



# Women must keep running to stay ahead

By Kenna Giffin

If women want to increase their natural protection against heart disease, they've got a running start. But they need to run to keep it.

That conclusion was reached by Health Science Center nutrition researchers following a study on the effect of exercise and diet on high density lipoprotein (HDL) cholesterol levels in women.

The study, begun in January 1981, showed that running increased the level of HDL cholesterol — the "good" cholesterol that prevents accumulation of "bad" cholesterol in the arteries — in the bodies of women.

Conducting the study were UT's Dr. Carolyn Moore of the School of Allied Health Sciences, Dr. Harley Hartung of Baylor College of Medicine, Dr. Robert E. Mitchell of the UT Computer Science Center and UT nutrition graduate student Camille Kappus.

The project included 141 women between the ages of 24 and 58. Some were relatively inactive; others jogged a few miles each week; and some were

classified as long-distance runners who ran at least 26 miles a week. Subjects were recruited from the Health Science Center and from running events in Houston.

Although other studies have been done on the effect of exercise on HDL cholesterol levels in women runners, those studies did not exclude subjects taking hormones, Moore said. Hormones might affect HDL cholesterol levels. Also, in this study, the ages of the women were taken into account.

Normally, women have higher HDL blood cholesterol levels than men. However, after menopause, HDL cholesterol levels in women drop almost to men's levels, leading researchers to think that estrogens affect blood HDL cholesterol.

The researchers did detailed medical histories on the women including analyzing their diets on computers. The only major food intake difference found among the women was that long-distance runners tended to have more fiber in their diets.

The study also indicated that consumption of alcohol increased HDL

cholesterol levels, as has been found by other researchers.

Moore noted that a study recently completed in Ohio indicated that HDL cholesterol levels were not elevated in women participating in a 10-week exercise program. She suggested 10 weeks might not have been enough time to see an increase in HDL cholesterol. The level of exercise in the Ohio study might not have been strenuous enough to see changes, either, she added.

Moore said there would be more dramatic increases in "good" cholesterol levels in the population at large if people stopped smoking, controlled total calorie intake to maintain ideal body weight and started moderate, sustained exercise programs. Such programs would tend to raise HDL cholesterol levels in men and women of all ages and possibly prevent early heart disease. It could especially benefit men and post-menopausal women who have relatively low HDL cholesterol levels.



## Fun run to help hemophilia camp

Fun runs are meant to be fun, but when they benefit a worthy cause, they can be rewarding as well. This month, runners who care can help send a group of young hemophiliacs to summer camp.

Sponsored by the Medical School-based Gulf States Hemophilia Center, the 10 kilometer fun run will begin at 8 a.m. on Saturday, March 27, at the Rice University stadium parking lot. The entry fee of \$6 will help pay the costs of the camp. T-shirts will be given to the first 500 entrants.

Hemophilia has been called the "bleeder's disease" because people

used to think that hemophiliacs bled to death from a cut or scratch. The truth is that their bleeding primarily occurs in joints and muscles and can be controlled medically with available blood products, but the incidents are often painful.

Last year's camp entertained 34 boys with activities such as horseback riding, swimming and softball. Because of the medical and specially trained recreational staffs at the camp, there were no serious injuries, and the boys learned a great deal from each other about taking care of themselves. For many, it was their first time to be away

from their families.

This year's camp will be May 30-June 5 at Camp Luther Hill near La Grange. It is open to Texas boys ages 7-14. A child psychiatrist, Dr. Donna Copeland, will try to teach the young hemophiliacs to control their pain through relaxation techniques. She is on the staff at M.D. Anderson Hospital and Tumor Institute and usually works with cancer patients.

Runners may register on the day of the run, or may preregister in room 5.016 MSMB. For more information, call 792-5450.

# CONTRACTS and GRANTS

Recent awards reported by the Office of Contracts and Grants are listed below:

**Dr. Sharad R. Amtey**, Medical School, radiology, \$26,522, new award for one year, Picker International, "To Investigate Potential of Synerview 600 Data Processing and Display Hardware."

**Dr. M.L.J. Crawford**, Graduate School of Biomedical Sciences, Sensory Sciences Center, \$5,000, new, one year, George & Mary Josephine Hammon Foundation, "Brain Organization for the Visual Detection of Motion."

**Dr. Nachum Dafny**, Medical School, neurobiology and anatomy, \$21,340, new, one year, Retina Research Foundation, "Retinal Function During Post-Natal Undernutrition."

**Dr. Patrick K. Bender**, Medical School, endocrinology, \$15,500, new, one year, Muscular Dystrophy Association postdoctoral fellowship, "Regulation of Calmodulin Gene Expression in Normal and Phosphorylase Kinase Deficient (McArdle's Disease) Mouse Skeletal Muscle," sponsor **Dr. John R. Dedman**.

**Dr. Jerrold J. Heindel**, Medical School, reproductive medicine and biology, \$171,975, new, three years, National Institute of Child Health and Human Development, "Sertoli Cell Maturation: Puberty vs. Recrudescence."

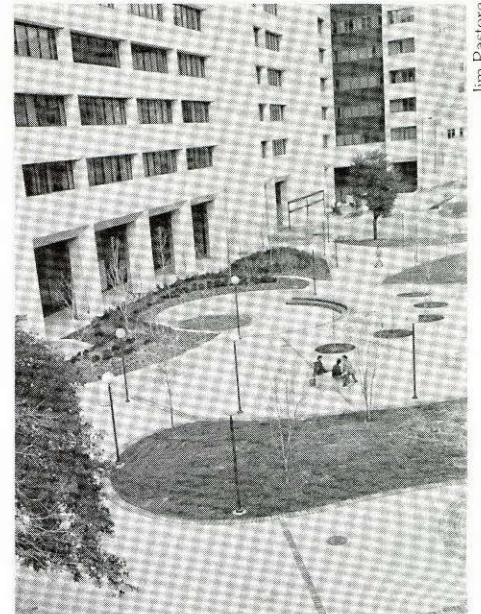
**Dr. Alfonso H. Holguin**, Public Health, epidemiology, \$17,405, new, Association of Schools of Public Health training program, "Basics for Infection Control Nurses."

**Dr. Maarten D.C. Immink**, Public Health, \$3,000, new, three months, Food and Agriculture Organization of the United Nations, "Plans for Protecting Food Supplies and Nutrition upon Independence."

**Dr. Steve Kohl**, Medical School, infectious disease, \$6,000, new, Upjohn Company, "The Effect of Motrin on Human Natural Killer Cytotoxicity to Herpes Simplex Virus Infection."

**Dr. Roger Lester**, Medical School, internal medicine, gastroenterology, \$508,513 five years, National Institute of Child Health and Human Development, "Neonatal Nutrition: Development of Fat Absorption."

**Don Macon**, Health Science Center General, HSC-TV, \$4,000, new, nine months, Texas Department of Health, "Pregnancy, Sex Steroids, and Intestinal Motility."



Jim Pastore

*RECOGNIZE THIS PLACE? This area between Jones Library Building and the Medical School is where a TGIF will be held at 5 p.m. March 5. It is sponsored by Employee Relations to encourage everyone to sign up for this year's Sportathon, which will be April 17. Plenty of people who participated in last year's sports/health promotion day will be on hand to answer questions. The TGIF is free and open to any TMC employee or student interested in Sportathon. The Sportathon entry fee is \$5 and includes a T-shirt.*



Cathy Gubin

*SEGUNDO DE FEBRERO COMMEMORATION — Mary Helen Barajas (left), the Health Science Center's director of multi-ethnic and international affairs, and Dr. Kathleen Andreoli, executive director of academic affairs, examine a proclamation issued by Mayor Kathy Whitmire proclaiming Feb. 2 Chicano Commemoration Day. It was presented at a Segundo de Febrero commemoration dinner sponsored by the HSC and the Gulf Region Chapter of the Texas Association of Chicanos in Higher Education (TACHE). Andreoli made welcoming remarks and the keynote speaker was Dr. Margarita Melville, assistant professor of anthropology at the University of Houston. Feb. 2 marks the date, in 1848, ending the Mexican-American War.*

## EMPLOYEE RELATIONS

You're late for a meeting. As you read over the neatly typed report that was due yesterday, the phone rings. It's a complaint. Reaching for your notepad, you spill your coffee on your report and on yourself.

Stress. You know it well.

A series of two lunchtime Brown Bags may be able to help you. Mary Jane Hurlbert, a counselor and therapist, will discuss practical techniques for stress reduction March 2 and 9, beginning at 12:10 p.m. in Room 100, Houston Main Building.

If money worries contribute to your stress, you may want to sign up for a special evening Brown Bag series on financial and investing programs. Speakers from William C. Heath and Associates, financial planners, will give an overview of options on March 17 and will help you examine your own financial situation in a workshop on March 31.

The two-hour sessions will begin at 7:30 p.m. on both nights at the Medical School. There will be a \$10 registration fee for each session to help defray expenses. Participants must pre-register with Employee Relations, 792-4911.

The Program for Management Development will present a one-day workshop on "Productive Conflict Management" March 10. Dr. Amanda Austin, management consultant, will lead the workshop.

The \$60 registration fee includes lunch and may be charged to a department's state or local funds.

For more information on any of these programs contact Employee Relations, 792-4911.

## APPOINTMENTS

New Health Science Center appointments recently approved by the UT System include the following:

### School of Allied Health Sciences

**Dr. Richard S. Hall**, assistant professor of biomedical communications; formerly director, Biomedical Learning Resources Center, Texas A&M University; B.S. in zoology, Texas A&M, 1966; M.M.A. in medical art, UT Southwestern Medical School, 1971; Ph.D. in educational administration, Texas A&M, 1981.

### Dental Branch

**Jayne Anne Newsom**, instructor of dental hygiene; from clinical dental hygienist; certificate in dental hygiene, UT Dental Branch-Houston, 1975; B.S., UT Medical Branch School of Allied Health, 1981.

**Dr. Eugene Stanley Valkavich**, associate professor of medicine-periodontics; from general dentistry and periodontics in U.S. army; D.M.D., Tufts Dental School, 1955; M.S.D. in periodontics, Baylor Dental School, 1965.

### Medical School

**Dr. Tadaki Yasumuro**, research scientist, surgery-immunology and organ transplant; from surgeon at Yosanoumi Hospital, Japan; M.D., Kyoto Prefectural University of Medicine, 1973.

### School of Nursing

**Elizabeth Jean Smith**, assistant professor; from elementary school teacher; previously on faculty here; B.S.N., Barrington College, 1961; M.S.N. in pediatric nursing, Boston University, 1965.

**Dr. Carol M. Merwin**, assistant dean for research program and associate professor; from clinical, administrative and research positions in nursing; B.S.N., Montana State University, 1960; M.N. in administration, University of Oregon Health Sciences Center, 1976; Ph.D. in nursing administration and research, UT School of Nursing-Austin, 1981.



Cathy Gubin

FOURTH ANNUAL GUEST LECTURER in allied health is Dr. Joseph Hamburg, (right), former president of the American Society of Allied Health Professions. He discussed the future of allied health careers Jan. 21 for an audience of allied health professionals and students. Giving him a plaque commemorating his lecture are Dr. Alton Hodges, (center), dean of the School of Allied Health Sciences, and Dr. Robert Roush, director of Baylor College of Medicine Center for Allied Health Professions. Hamburg also spoke at the Texas Society of Allied Health Professions meeting the next day.

# Calendar

## March 1-21

### 1 Monday

Liturgy of The Eucharist, each week-day, Catholic Student Center, 1703 Bolsover, and Institute of Religion. For info call 526-3809.

Priority Spring 1982 Quarter Registration (by mail) for the Nursing School begins. Registrar's Office, 533 Houston Main Building.

### 2 Tuesday

M.D. Anderson Hospital and Tumor Institute: "Perspectives on Genes and the Molecular Biology of Cancer." 35th Annual Symposium on Fundamental Cancer Research. Shamrock Hilton. Through March 5. For info call 792-3030.

### 3 Wednesday

Medical School: Second Annual Workshop on Nuclear Magnetic Resonance Imaging. Stouffer's Hotel. Continues through March 6. For info call 792-5346.

### 4 Thursday

Noon. HAM-TMC Library movie: "Adventures in Perception" and "American Spectacle." Rm. 007. Free.

### 5 Friday

9 a.m. School of Nursing, "Leads on Leadership," research day. 400 HMB. For info call Ava Shaffer 792-4808 X7850.

5 p.m. Sportathon TGIF at plaza between MSMB and Jesse Jones Library Bldg. Sponsored by Employee Relations.

### 6 Saturday

Sharpstown Shopping Center. Nutrition fair, sponsored by American Dietetics Association.

### 10 Wednesday

Priority Spring 1982 Registration (by mail) ends for Nursing, SAHS and GSBS. Fee payment begins.

### 11 Thursday

Human Life Symposium, Shamrock Hilton. Through March 13. For info call Dr. Margery Shaw, 792-4813.

### 17 Wednesday

11 a.m. Medical School: NIRMP match list posted with internship assignments for graduating medical students. 3.001 MSMB.

### 18 Thursday

10:30 a.m. The Houston Festival, downtown Houston. Through March 28.

Noon. HAM-TMC Library movies: "We Have Met the Enemy and He is Us;" "Rise and Fall of the Great Lakes;" and "Chain of Life." Rm. 007. Free.

Regular Spring 1982 Quarter Registration (on site) for GSBS. Registrar's Office, 533 Houston Main Building.

*This calendar lists events open to Health Science Center faculty, staff and students. The March 15 calendar will cover March 15-April 7. Notices of events are accepted at Public Affairs, Rm. 1117, Houston Main Building, or 792-4266. The deadlines are the first and fifteenth.*

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