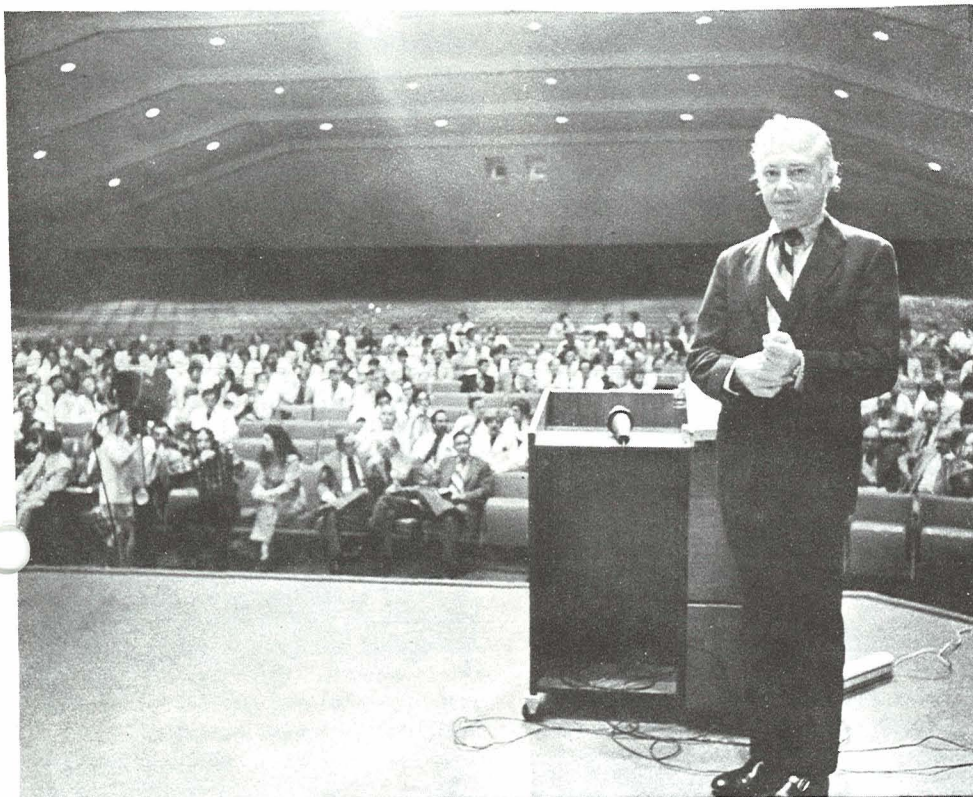


# Newsletter

THE UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS

December, 1974



*The Tom and Lula Gooch auditorium opened in October with Internal Medicine Grand Rounds. Dr. Neal S. Bricker, the Mr. and Mrs. I.G. Bromberg Visiting Professor of Medicine, was speaker.*



Photo by Sharon Barker

*Dr. Donald Hendricks, library director, exhibits a pleased smile while moving the library's 130,000 volumes.*

## Now open: stage, food, books

Staff and students are now enjoying the newest construction completions on campus, the Tom and Lula Gooch auditorium, the Gallery cafeteria and the library.

The Gooch auditorium officially opened in October with Internal Medicine Grand Rounds. Dr. Neal S. Bricker, the Mr. and Mrs. I.G. Bromberg Visiting Professor of Medicine, was the speaker. The auditorium contains 1200 bright orange seats, and has a large lobby display area. Audiovisual facilities include rear

projection devices surmounting a stage with a speaker's platform. The structure opens onto the Plaza.

Directly below the auditorium is the Gallery cafeteria, which has seating capacity for 500. Colorful armchairs surround woodgrained tables for four or six persons. The cafeteria features the latest concepts of food serving systems and allows wide selection of menu items. Various serving counters include a sandwich express station with hamburgers, French fries and milkshakes; a hot entree

section; carving table; and salad, dessert and beverage bars. Breakfasts, snacks and lunch are served Monday through Friday, 9 a.m. to 4 p.m.

Four seminar dining rooms, each seating 12-20 people, are also available for reserved buffet luncheon meetings. Reservations and meal selections may be made with Zan Porter of the Food Service office (Ext. 572). Vernon Wiard is Food Service director.

The library is completely housed in its new facility on the second, third and fourth levels of the Florence Bioinformation Center. According to Dr. Donald Hendricks, director, the library now contains 130,000 volumes operating from one central unit, rather than from four areas around the city, as previously. The new structure has more than 700 reader seats, including study carrels equipped with audiovisual apparatus, study rooms and lounge areas. Carrels have seating for one, two, four and eight persons. A large conference room below the main library level will open soon, and other smaller rooms are now available for meetings.

Reference books and indexes, plus abstracts and current journals are on the main level of the library; journals on the middle level; and books on the next floor. The catalogue file and checkout counter are on the main level.

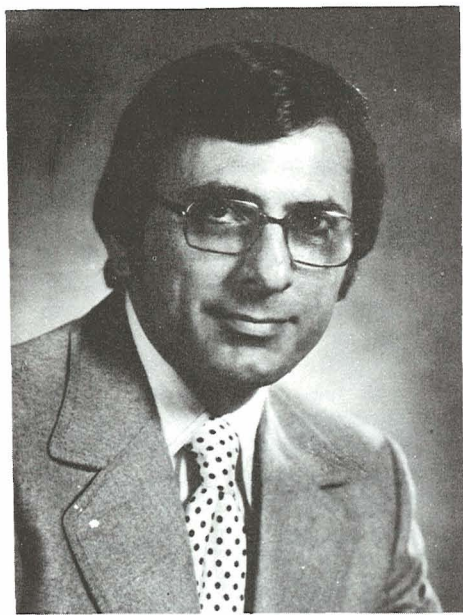
The Medical History Room, another section of the library, contains South-

(Continued on page 5)



*The Gallery cafeteria now serves students and staff with the latest methods in food serving systems and a wide variety of menu items. Seating capacity is 500.*





Dr. Norman Kaplan

## Kaplan gets AHA post

Dr. Norman Kaplan, professor of Internal Medicine, has been appointed to a top research administration position of the American Heart Association's (AHA) national office.

As deputy executive vice-president of the Office of Research Programs, Dr. Kaplan will supervise overall research-support programs, act as spokesman within the AHA for further provision of funds supporting research, and interact with the National Institutes of Health, other voluntary health organizations and private philanthropies to coordinate support of cardiovascular research. Last year, the AHA gave \$16.7 million to research heart disease.

Dr. Kaplan plans to devote full time to his new position by September, 1975, when the AHA's national offices are to be moved from New York City to Dallas. He is currently phasing into his work by participating in all key deliberations of the association's governing bodies.

Dr. Kaplan is widely known for his research on the relationship of hormones to high blood pressure.

# Goldstein, Brown win international prize

Dr. Joseph Goldstein and Dr. Michael Brown, associate professors of Internal Medicine, became the first Americans presented the Heinrich Weiland Prize in Munich, Germany on Nov. 8.

The prestigious international award is given annually for outstanding work in lipid metabolism, and included 15,000 German marks. It is named for an outstanding biochemist and Nobel laureate.

The two researchers were recognized for their discover of the biochemical genetic defect responsible for familial hypercholesterolemia, an inherited defect which causes one out of every 500 Americans to have high levels of cholesterol in their blood.

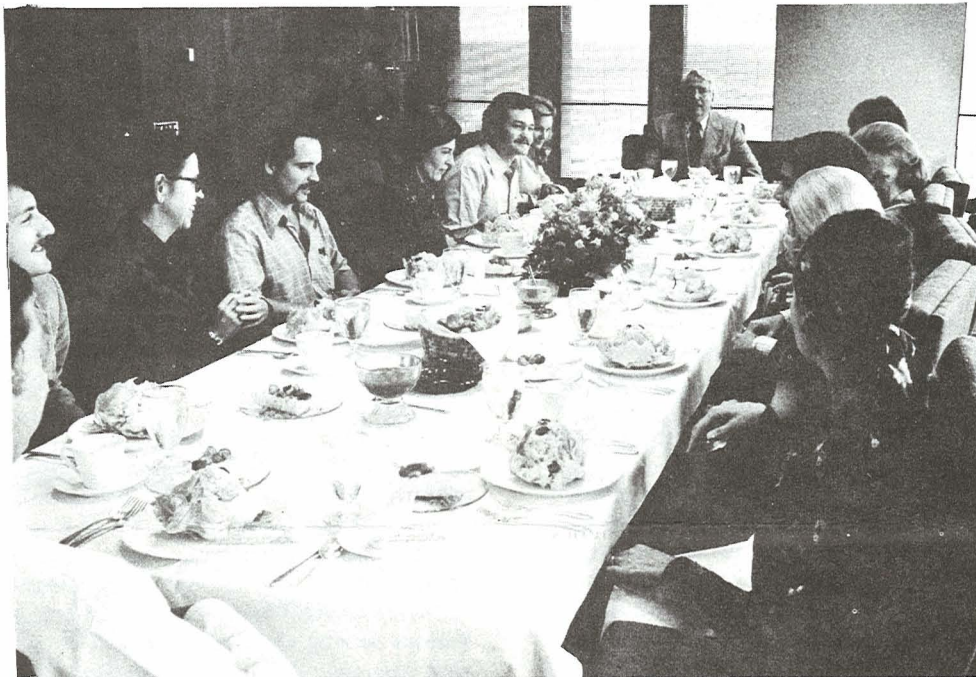
The finding is hailed as one of the most significant in this field in years in that it opens new pathways for experimentation on the role of cholesterol in heart attacks and a class of heritable disorders arising from dominant genes.

Dr. Goldstein began work in this area while at the University of Washington School of Medicine. He studied 500 survivors and their families from a group of 1,166 persons who were heart attack victims. He found that 31 per cent of

these survivors had high levels of fat in their blood, either cholesterol or triglycerides, or both, and that 20 per cent of these persons apparently suffered genetic defects, one of which was familial hypercholesterolemia.

In 1972, Dr. Brown and Dr. Goldstein began a series of experiments with human cells in tissue culture at Southwestern. They discovered that cells from patients with familial hypercholesterolemia contained a faulty gene that failed to supply the cells with a particular type of receptor on its outer membrane surface. Without this receptor, the cells could not form bonds with low-density lipoproteins and thus failed to inhibit the synthesis of 3-hydroxy-3-methylglutaryl coenzyme A reductase (HMG CoA reductase), an enzyme which controls the production of cholesterol. Without this delicate system of control, production of cholesterol in the cell is largely uncontrolled. Results of these studies have been published in numerous scientific papers.

Under grants from the National Institutes of Health, the American Heart Association and the National Foundation, Dr. Goldstein and Dr. Brown are currently studying possibilities of controlling cholesterol synthesis.



### FORTNIGHT COMMITTEE HOSTED

President Charles Sprague and Dr. Bryan Williams, associate dean of students, hosted a luncheon for Fortnight Ball committee members in the president's conference area in November. Those attending were Mrs. J. W. O'Boyle, chairman of the committee, Mrs. Frank E. Austin, Jr., Mrs. Perry Gross, Mrs. James Cleaver, Mrs. Frank Schoenemann, Mrs. Dan Chandler and Mrs. Bryan Williams. Five medical students who helped arrange tables at the ball were also present.

## YULE ENJOY THIS!

Christmas holidays are coming! Health Center personnel will enjoy this special time from Monday, Dec. 23 to Friday, Dec. 27, then return to work on Monday and Tuesday, Dec. 30-31. Next, the New Year will be celebrated on Wednesday, Jan. 1, 1975.

## MIS staffers, students sweep awards in competition

Medical Illustration Services staff and biomedical illustration graduate students swept up awards in competition at the fall meeting of the Southwest Chapter of the Biological Photographers Association (BPA) in Galveston on Oct. 25 and 26.

Entries were placed in two major divisions, Photography and Art. These were comprised of several categories, including medical-surgical illustration and photography, graphic design, natural science and photomicrography.

Bob Cooper, director of Medical Photography, took first place in Photography for his aerial photo of the Health Science Center complex. Graduate student Joe DePasqual won first prize in medical-surgical illustration for a sepia wash and air brush rendering of an ileum bone.

Roland Castanie of Medical Art was awarded Best of Show in Art with his pen and ink drawing of a ram's head. He also won first place in the natural science category in Art for his pen and ink

drawing of a pair of bald eagles' heads.

Medical photographer David Hills' high-speed photo of a water drop was chosen Best of Show in Photography.

Each winner was given a certificate from the BPA.

Dr. Frank Lang of Instructional Communications, and Bill Stenstrom, Department of Ophthalmology, participated in the meeting's program.

Other UTHSC participants displaying work were medical illustrator Steve Harrison and graduate students May Cheney and Lynne Kleis.





#### DR. VOLLMER TAKES POSITION IN IDAHO

Dr. Virginia Vollmer, former assistant professor of Instructional Communications, has become director of a continuing education program for nurses headquartered at Idaho State University in Pocatello, Idaho. The program is part of the Western Interstate Committee on Higher Education (WICHE) and is coordinated with similar programs in Montana and Wyoming. Dr. Vollmer will be using self-instructional audiovisual packets in the program, including one she recently developed called "Physiologic Basis of Patient Care." Here, at a reception given by the Instructional Communications staff, Dr. John Vanatta, professor of Physiology, bids her "farewell."

## Major grants support Allied Health programs

This year, armed with new grants and contracts totaling more than \$1.5 million, the School of Allied Health Sciences (SAHS) has significantly expanded in size and scope, according to SAHS Dean John W. Schermerhorn.

The largest funding boost has come from the Veterans' Administration, which is providing a grant of approximately \$1.2 million over a seven-year period to expand and upgrade four of the school's teaching programs at the Dallas VA Hospital (VAH). These include the physicians' assistant (PA) program, physical therapy, teacher education and the new undergraduate nutrition and dietetics degree programs. The latter, the Coordinated Undergraduate Program in Dietetics, leads to a bachelor of science degree with a major in dietetics, and will be initiated in June, 1975. Applications are currently being reviewed.

Additional major awards have been granted by the Department of Health, Education, and Welfare, and benefit the PA program, as well as the operation of a regional center for continuing education in the rehabilitation field with on-going training for professionals from a five-state area. The awards also provide for supplemental workshops to train an additional 200 rehabilitation counselors this year, salary support for faculty in undergraduate education in rehabilitation science and expansion of SAHS teacher training and health care administration.

In addition, SAHS will participate in a \$one million National Cancer Institute award to Southwestern's Department of Physical Medicine and Rehabilitation, receiving \$130,000 over a two-year period. This will support three new faculty members in areas of rehabilitation

and nutrition for cancer patients.

Enrollment in SAHS this year is up nearly 20 per cent, from approximately 150 to 190. Faculty has almost doubled and now totals 42.

Addition of health care administration, a program to train administrators of nursing homes and similar institutions, brings the number of degree offerings to eight. The school is also initiating a graduate program offering a master's degree in rehabilitation counseling.



#### NURSES ATTEND BURN SEMINAR

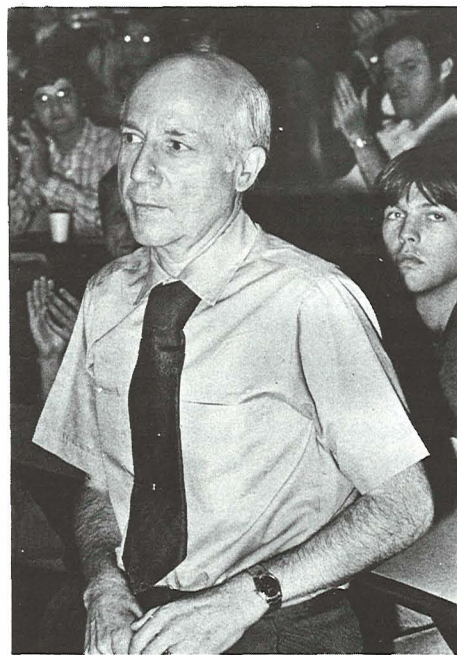
From left to right, Dr. Charles Baxter, professor of Surgery at Southwestern; Cornelia Kenner, clinical instructor of Medical-Surgical Nursing at Texas Woman's University College of Nursing; Janet Marvin, R.N., M.N. of the University of Washington School of Medicine; and Dr. John Moncrief, Medical University of South Carolina, all took part in a seminar for nurses in the care of the thermally injured Nov. 11-15. Sponsored by the Center and TWU, the program covered the initial care of burn patients, principles in planning a burn unit and the psychology of burn children. WBAP radio reporter Sandi Banks (center) interviewed the speakers during the session.

## SMU honors Miss Rucker

Miss Anne Rucker, former registrar at Southwestern, was among distinguished alumni of Southern Methodist University (SMU) honored as part of the school's 1974 Homecoming activities on Oct. 25.

The SMU Alumni Association recognized Miss Rucker at its annual Woman of Achievement Awards luncheon, along with Ms. Lee Clark, executive producer of KERA-TV's "Newsroom" program, and Dr. Sharon Woodruff, a Washington, Mo., psychiatrist and neurologist.

Miss Rucker retired in August, after serving as registrar since 1944.



#### NOBEL LAUREATE LEADS SEMINAR

Dr. Melvin Calvin, Nobel laureate and director of the Laboratory of Chemical Biodynamics at the University of California at Berkley, was guest speaker at a Faculty Seminar on Oct. 23. Dr. Calvin, a world-renown bioorganic chemist, was awarded the Nobel Prize in Chemistry in 1961 for his fundamental studies in the field of photosynthesis. His topic concerned chemical evolution in the origin of living systems.



# newsmakers... newsmakers... newsmakers...

## Accounting

We are very proud to announce that **Betty Outler**, accountant, after successfully meeting the requirements, has received her certificate as a Certified Public Accountant. This achievement is an extremely high accomplishment. All of the Accounting Department says CONGRATULATIONS BETTY!!!

Because of a particular comment, this brief note is just to let **Accounts Payable** know they have not been forgotten. Well, it's been said, and you are in the paper. Keep up the good work!

We feel a big "Thank You" is in order for the **Payroll Office** — THANK YOU!!

—Lynn Jimenez

## Allied Health

Two ex-secretaries in the Administration Department, **Charlotte Franklin** and **Marge Heinisch**, have become proud mothers. Charlotte has a new son, **Ryan Cole**, born August 31. **Erica Suzanne**, born Oct. 31, is Marge's new daughter. We wish Charlotte and Marge lots of luck in their new duties.

**Dean John Schermerhorn's** daughter, **Susan**, was married on Nov. 27 in San Francisco, Calif. **Jackie McCutchin** (SAHS receptionist) is engaged, and the wedding date is Dec. 28.

**Sharon Stephenson**, Administration Department, and **Don Woerz's** wife (Physical Therapy), **Sharie**, have recently returned home after having surgery. We are happy to report they are doing well.

Good cheer flowed freely during the Physicians' Assistant faculty/student football game on Nov. 3. The faculty won — 21-0! Team members included **Barry "Flash" Buschmann**, **Mike "Rocket" Lawler**, **Darol "Dandy" Graham**, **John "Crowd Pleaser" McElligott**, **John "Hot Dog" Weed**, **William "Wild Bill" Neal**, and **John "Vince" Delahunt**.

—Mickey Noblett

## Graduate School

Pre-registration packets for students currently enrolled in the Graduate School of Biomedical Sciences will be mailed after Dec. 1. These should be filled out and returned to **Suzanne Weakley** in the Graduate School office by January 6. Further registration for new students will begin Jan. 17.

## Internal Medicine

**Dorothy Bass** of the Liver Group is a new grandmother of a 7 lb. 6 oz. baby girl, **Samantha**, born Nov. 7.

**Dr. David Kem**, formerly in this department, is now chief of Endocrinology at the University of Oklahoma School of Medicine in Oklahoma City,

Okla. **Betty Lloyd**, Dr. Kem's former secretary, is now administrative secretary to **Marilyn Haschke**, director of Nutrition and Dietetics at the Allied Health School.

**Dr. Jay P. Sanford** in Infectious Disease visited research stations in the Antarctica region in November for 10 days. The trip was his first as a consultant for the Office of Polar Programs of the National Science Foundation. Dr. Sanford received the appointment earlier this year.

**Dr. Juha P. Kokko**, Renal Group, recently returned from a month-long lecture tour to England, Germany, India, Australia and Japan. Dr. Kokko spoke in universities in these countries concerning his current research projects. He also attended the 26th International Congress of Physiological Sciences in New Delhi, India, where he presented a paper.

## Journal of Clinical Investigation

Our former Editor I, **Mary Beaumont**, is now a world traveler! Mary is currently in the Fiji Islands with the Peace Corps training to teach English to high school students in that country.

The new Editor I is **David Porter**, a graduate of North Texas State University.

—Bea Telles

## Medical Computing Resources Center

MCRC is growing! Those new members added to the staff are: **Patti Daniel**, **Delores Grady**, **Jim Haughey**, **Eric Jacobson**, **Arnold Kaber**, **Meg Lewis**, **Margaret Metzger**, **Mary Pluff**, **Mary Ellen Plummer** and **Stan Wiedeman**. Welcome to all!

Congratulations to **Dovie and Frank Wu**. They have recently become the proud parents of a baby girl, **Jennifer**, who weighed 6 lbs. 8 oz. Mother and daughter are doing well.

The **Mizes** have just returned from a delightful trip to South America. **Susan** tells us this is a trip everyone should make, but be prepared for a tight plane schedule. Welcome home, **Susan**, you were missed by all.

**Dr. Joan Reisch** rejoined our faculty on Sept. 2, after completing her Ph.D. in statistics at SMU. She will be working full time (at least!) as a teacher and consulting statistician along with **Dr. Richard Browne**.

—Julie Rayburn

## Medical Information

The National Council of Jewish Women made a cash donation to Genetic Counseling in the Department of Pediatrics in **Ann Harrell's** name for her volunteer work in handling publicity for Tay-Sachs screening in Dallas last March.

**Elaine Clay** joined our staff in October. She is coordinating group tours, publishing the school calendar, and doing various other public relations duties. **Johnie Qualls**, formerly in our division, is now with Family Planning as a social work aide. Another newcomer is **Silvi Taylor**, who now takes care of the *Newsletter*.

—JoLene Guthrie

## Microbiology

**Dr. Richard Finkelstein** attended the United States — Japan Cooperative Medical Science Program in October where he was part of the Cholera Panel. Researchers from all over both countries attended the meeting. Dr. Finkelstein presented a paper and chaired seminars.

## Physical Plant

**Charles Underwood** in Utilities will challenge anyone to a game of chess whenever possible!

## Physiology

Beer and cheese was the theme of the recent Physiology get-together to welcome incoming graduate students **Karen Burton**, **Rick Samson**, **Caroline Most**, **Phil Jones** and **Rick Schmitt**.

Welcome to **Dr. Jovo Martinovich** and family who have recently joined the department from Belgrade, Yugoslavia.

Congratulations to **Larry and Elaine Bruce** on their beautiful new home in Denton — sure is better than driving from Lake Texoma every day!

**Drs. Robert Moss, Keith Cooper** and **Samuel McCann** flew off to Milan to participate in the Sero Symposium and then journeyed to New Delhi to attend the 26th International Congress of Physiological Sciences with side trips to Israel, Katmandu and other places.

**Dr. and Mrs. Ivan Danhof** have just returned from Mexico City where Dr. Danhof attended the 5th World Congress of Gastroenterology, along with a vacation to Morelia and San Miguel de Allende.

**Cheri Reimann** took a marvelous vacation, first home to Minnesota, then on to Reno and next San Francisco.

**Joan Kailey** took a whirlwind trip to San Francisco — her second visit to the Bay Area this year — where she did plenty of shopping, shopping and more shopping.

**Xuma** (in the Caribbean) was the island retreat of **Dr. Peter Fawcett** and family for two weeks this summer.

The **Hideki Nakanos** discovered America (at least New Mexico, Arizona and Colorado) where they reported they saw a bear. . . "at near distance."

—Consuelo Chavez



# newsmakers.. newsmakers..

## Print Shop

The Print Shop is now "open under new management", with the appointment of Jerry Seitzler as Supervisor. Congratulations to Jerry on this promotion, and success in your new endeavor.

Estelle Bullock has returned to the Print Shop, after an absence of about 14 months. Glad to have her back.

Jay Lambert is our newest employee, and transferred from the mail room.

## Radiology

The Radiology Department has been keeping the airlines busy between DFW and the Washington, D.C. area lately. Robert Murry, instructor in Radiological Physics, attended a symposium presented by the Bureau of Radiological Health, Federal Drug Administration, HEW in cooperation with the society of Photo-Optical Instrumentation Engineers on Oct. 21-23.

The following week, Dr. Mary E. Gaulden attended a meeting of the Radiation Bioeffects Advisory Committee to HEW, of which she is a member. She then served as advisor to the Medical Advisory Committee of the Bureau of Radiological Health on Nov. 4-5.

Also, Will Ivie, Radiation Safety Section, made a personal trip to Washington, D.C. at the death of his mother. Our condolences to Will on this loss.

Dr. Don Carlson and Jackie Thornton are preparing to return to the Los Alamos, New Mexico facility for further experimentation with negative pi mesons. Their work is part of a planned pretherapeutic effort to gain information on the effects of negative pions from this beam which is the first of its kind in the

world. These particles may offer certain advantages for the treatment of cancer by radiation.

The department welcomes John Roberts, new administrator, who comes from Harvard Medical School at Peter Brent Brigham Hospital in Boston, Mass. Other new personnel include Patti Dean, Janie Covington (transfer from Purchasing), Johnny Bush, Dr. Adriana Frenkel (transfer from Biochemistry) and Curtis Chaney (transfer from Internal Medicine).

—Janie Covington

## Student Store

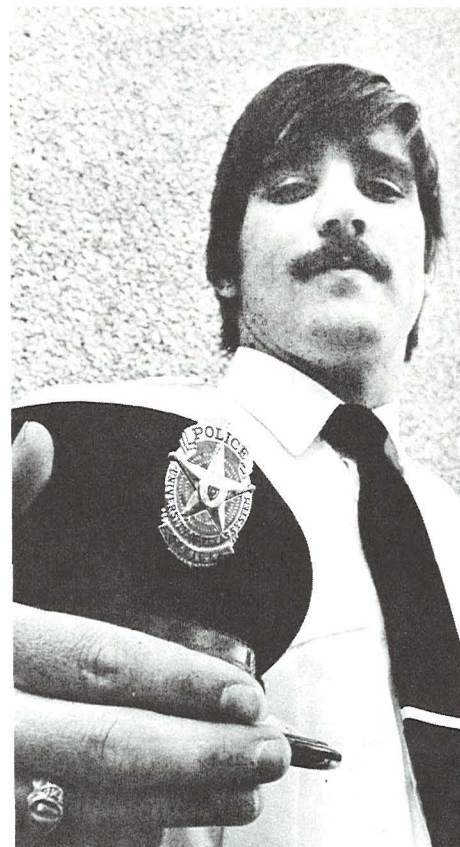
Sallie Allen is the new Student Store manager as of Nov. 1. Sallie is originally from Lake Charles, La., and has been a high school teacher as well as a management trainee for Sanger-Harris. She enjoys retailing and hopes to "make the Student Store a service-oriented business to students and faculty."

## University Police

University Police supervisors and non-commissioned officers attended a public relations seminar as part of an eight-hour in-service school on Oct. 8.

Conducted on campus by Joe Webb, associate director of police training of The University of Texas System in Austin, and Alan Hamilton of the UT System's director of police training office, the seminar included videotapes showing officers right and wrong procedures in handling encountered situations, such as campus directions for guests.

Two newly commissioned officers graduated from the UT Police Academy in Austin on August 21. They were Douglas Smith and Robert Edington. Principal speaker for the event was former Texas governor Allan Shivers, now a member of the UT Board of Regents.



### POLICE RECEIVE NEW INSIGNIA

Officer Ron Nicholson of the University Police is shown with the new police badge recently issued commissioned officers of The University of Texas System. Designed by UT System director of police Frank Cornwall, the insignia has an orange background, blue lettering and the UT Seal in the middle of the star.

## Now open:

(from page 1)

western's collection of Texas medical history, the archives of the school and a general history of medicine section.

For the first time, the library will also offer 20 to 30 popular magazines, as well as numerous prominent newspapers from across the country. These will be in the main floor lounge area. Funds for this service were provided by the Friends of the Library group.

Library hours have been extended to a 2 a.m. closing time Monday through Thursday and Sunday.

### NEWSLETTER

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Bob Fenley  
Director

John Weeks  
Associate Director

Silvi Taylor  
Editor

Ann Harrell  
Jill Burns  
JoLene Guthrie  
Elaine Clay  
Reporters

David Hills  
Photographer



### VFW DONATES FUNDS FOR CANCER RESEARCH

For the third year, the Texas Ladies Auxiliary to the Veterans of Foreign Wars donated collected monies to the Center which will be used for cancer research or to sponsor cancer research fellows. Mrs. Clifford Teer, past president of the organization, presented the \$7,219.20 check to Dr. Charles Sprague, UTHSCD president, in October.



# CPR maintains breath-heart-life

Could you save a life with cardiopulmonary resuscitation?

The Department of Anesthesiology sought to answer this affirmatively by offering a course teaching the techniques of cardiopulmonary resuscitation (commonly known as CPR) to all Center employees in October. The numerous two-hour sessions included lecture, demonstration and CPR practice using life-like manikins.

D. Palafox, technical staff assistant in Anesthesiology, led the classes. He maintained the technique was simple because no extraneous equipment was needed.

"Only your eyes and hands are essential," he said.

He pointed out that the time factor differentiating clinical death and biological death determines the success of CPR. Usually, four to six minutes have to elapse before a person is declared biologically dead.

"This gray area between clinical death and biological death is important in saving a life with CPR," Palafox noted. Within this critical period, a rescuer can become the breath and/or the circulation system for the victim, thus saving his life.

The most important factor for successful resuscitation is immediate opening of the airway. This is accomplished easily and quickly by tilting the victim's head backward as far as possible. To do this, the rescuer places one hand

beneath the victim's neck and the other hand on his forehead. He then lifts the neck with his hand and tilts the head backward by pressure on the forehead with his other hand. This maneuver extends the neck and lifts the tongue away from the back of the throat, preventing the tongue from dropping against the back of the throat which causes obstruction of the airway.

If adequate spontaneous breathing is not resumed, the rescuer should begin artificial breathing. Maintaining the backward head tilt with his hand behind the victim's neck, the rescuer pinches the victim's nostrils together with the thumb and index finger. He then opens his mouth widely, takes a deep breath, makes a tight seal with his mouth around the victim's mouth and blows into the victim's mouth. This initial maneuver should be four quick full breaths.

The carotid pulse (the artery in the neck area) should be checked quickly. Absence or questionable presence of this pulse indicates the need for the third step, artificial circulation. This external cardiac compression consists of the rhythmic application of pressure over the lower one-half of the sternum, or breastbone. Placing the palm of his right hand over this area and covering it with his left hand, the rescuer begins depressing the sternum one and a half to two inches, using 80 to 120 lbs. of pressure. After 15 compressions, two quick breaths are administered mouth-to-mouth. This rhythm is continued at a rate of 80 compressions per minute, using a 15:2 ratio.

Palafox has been pleased with the response to the course from Center personnel. "I've had fantastic response," he said. "I really never enjoyed teaching it until this project began."

He feels the procedure is essential for everyone to know. "This could help someone in an everyday situation, such as a heart attack victim," he said. "If you can keep him alive, you can be the determining factor in his living or dying."



Henry Turner (center) of Animal Resources Center practices cardiopulmonary resuscitation (CPR) with a lifelike manikin as Anne Schlachter, also in Animal Resources, and D. Palafox of Anesthesiology observe. Palafox lectured then demonstrated the CPR technique in a recent series of instruction of Center personnel.

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