The UT Baptist Research Park of officially launched its construction on March 9, with a groundbreaking ceremony for the first of its facilities, the Regional Biocontainment Laboratory (RBL). The ceremony was held in the field where the former Baptist Hospital was imploded in November 2005.

Construction began in February on the $25 million RBL, where researchers will study infectious diseases contained in high-tech biosafety laboratories. The UT Health Science Center was competitively selected as one of 13 RBLs to be built throughout the United States with the National Institute of Allergy and Infectious Diseases, part of the NIH. Scientists working in RBLs will develop new drugs that will protect the public from infectious disease and bioterrorism.

Researchers will now be able to study methods to identify E. coli in contaminated food sources, look for new drugs that will help against drug-resistant tuberculosis, and improve diagnostics and drug treatment of streptococci. UTHSC scientists will also search for a vaccine for the bioterrorism threat tularemia.

In addition to housing research that would reduce the threat of infectious disease, the new RBL will benefit the Mid-South by bringing more jobs for scientists and support personnel to the area, sparking economic growth. The RBL is scheduled for completion by June 2008. Federal and state dollars will cover the RBL’s cost. It is the first of six buildings to be part of the $450 million park. The next building on the site will house UT’s College of Pharmacy.

UTHSC leaders are also planning the park’s next project, the Clinical and Translational Science Institute, which will focus on turning scientific discoveries into therapies for patients. Researchers in the new institute will also work closely with the RBL and other university departments.
March was National Women’s History Month, which observes the rich and varied contributions of women to the history and culture of the United States. This year’s theme, “Generations of Women Moving History Forward,” celebrated the wisdom and tenacity of prior and future generations, while recognizing the power of generations working together.

At UTHSC, women have long contributed to the advancement of their departments, tirelessly working to bring about progress in their individual fields. One such woman is Mary Alice Gaston, former director of the Department of Dental Hygiene and assistant dean of the College of Allied Health Sciences. Now retired, Gaston’s inspirational journey begins with her dad, who told her she could do anything she wanted if she tried hard enough.

“He just never expected me to go out and do it,” laughed the emeritus professor. Relentlessly, following her father’s advice, she began her journey later in life. Seventeen years after getting married and having her children, Gaston began school to pursue a life long goal, which began as a dental assistant. By now, UTHSC was a dentist who told her she could do anything she wanted if she tried hard enough.

While living in Alabama, a neighbor who was a dentist persuaded her to work for him. Gaston recalls feeling divided between being at home for her children and her love for the profession. She told her would-be employer, “If you’ll let me come to work at 9:00 in the morning and leave at 2:30 in the afternoon to pick up my kids from school, I’ll work for you.” Surprisingly, the dentist agreed to her terms, so she worked for him for about six months until her husband transferred.

With her dad’s first heart attack in 1972, the family moved home to Memphis to be near Gaston’s parents. Her thoughts returned to her dream, and she decided to go back to school to become a dental hygienist. By now, UTHSC offered an associate’s degree program, soon to be a bachelor’s program. “I came in at a really good time,” said Gaston. “I got my associate’s degree, and two years later finished up the courses for a bachelor’s.”

When she graduated in 1975, the job market for dental hygienists in the area was depressed, but the Department of Periodontology at the UT dental school had an opening. Dr. Jim Clark interviewed her and hired her as an instructor. “I think he liked the fact that I was a mature woman, and my prior experience as a dental assistant had something to do with it,” said Gaston.

Mary Alice Gaston, RDH, MS

See MARY ALICE, pg. 4
In January, the UT Health Science Center was selected to participate in the NIH funded Alzheimer’s Disease Cooperative Study (ADCS). The study tests new therapies for Alzheimer’s disease and related disorders, as well as new clinical research methods to assess patients.

Alexander Auchus, MD, professor in the UTHSC Department of Neurology and staff neurologist at the VA Medical Center, is the local site principal investigator and will conduct the research here. Dr. Auchus has assembled a team of co-investigators including neurology faculty and staff, geriatric medicine, geriatric psychiatry, neuropsychology, neuroimaging and caregiving research. Funding is subject driven, with UTHSC receiving funds according to the number of participants recruited and enrolled.

More than 4,600 people have participated in the ADCS studies at more than 70 leading clinical research sites in the United States and Canada. These clinics have been selected to participate in the $52 million study. The ADCS was formed in 1991 as a cooperative agreement between the National Institute on Aging and the University of California San Diego. “Our site selection indicates our recognition by this elite group of medical scientists. UT is now ‘on the map’ in Alzheimer’s clinical research,” stated Dr. Auchus.

Dr. Auchus and colleagues have the opportunity to conduct this research under four separate studies. One study will test the effectiveness of home based assessment. The other three studies test the effects of three different substances on slowing the brain deterioration caused by the disease. The home-based assessment is a type of telemedicine. Telemedicine is the use of telecommunications technology to improve health care services, through off site databases, linking clinics or physicians’ offices to central hospitals, or transmitting diagnostic images to another site. The assessments will be tested for effectiveness by having the patients or their caregivers complete questionnaires in response to their reaction to medications. If successful, the home based assessment could reduce travel time of patients suffering from Alzheimer’s or other memory disorders.

The three substances that Dr. Auchus’ team will test are thought to favorably modify the brain deterioration seen in patients with the disease. One substance, intravenous immunoglobulin (IVIg), is a mixture of antibodies derived from human plasma and FDA approved to treat other conditions, but not Alzheimer’s. The antibodies in IVIg latch onto beta amyloid proteins and may draw the proteins out of the brain.

Alexander Auchus, MD

“UT is now ‘on the map’ in Alzheimer’s clinical research.”
— Dr. Alexander Auchus

URBAN SMILES continued from pg. 1

“Seventy five percent of the children we see are at risk children,” said Lewis, who explained that he feels a connection to the children because he grew up in a poor neighborhood. “I get a chance to bond with some of the children, asking questions about their home life and school grades,” he added.

Preventive services offered through this mobile program include prophylaxis, fluoride, examination and sealants, as well as diagnosing the children’s dental needs and making referrals. Dr. Peggy Waring, professor in the Department of Dental Hygiene and Urban Smiles director, said their focus now is on helping children find follow up care.

“Many of the children we serve have barriers in terms of transportation, and that is the weak link that we are working on now,” Dr. Waring stated.

A local dentist and UT alumnus is doing his part to connect that link. Dr. Rodrick Miller has agreed to take on the children’s follow up and restorative care, treating children identified with urgent needs. Many of these children have TennCare, and many more have no insurance and will be treated without charge.

After graduation, Dr. Miller moved to the Bronx, New York, to complete his general practice residency. There he treated medically compromised patients, as well as hospital patients at Bronx Lebanon Hospital Center in South Bronx. Since returning to Memphis in 2002, he began two dental practices in the inner city. Dr. Miller has worked with the underserved youth in Memphis and has seen the impact dental follow up care can have for a child in pain. When a colleague told him about the Urban Smiles effort, Dr. Miller decided to take on the children’s follow up care. “No money could give me the kind of feeling that I receive helping these patients,” he said.

Urban Smiles will make annual visits to the Head Start centers and Jubilee schools, as well as the new program at Youth Villages. With the follow up services provided by Dr. Miller, the program will continue spreading smiles across Shelby County.

See ALZHEIMER’S, pg. 14
I n September 2006, the UTHSC chapter of the Student National Medical Association SNMA began in formal "rap" sessions on various health and wellness topics with young women housed at the Reconation Academy. Located in UT's Behavioral Health Building, the academy is a residential detention center providing alternative education and treatment services. The women, ages 13 to 19, had committed crimes of varying degrees, excluding murder. Over time, as volunteers developed the residents' trust, they noticed the young women's self esteem blossom as they considered new possibilities open to them on leaving the facility.

This past January, the first of the original 24 girls left the academy. Instead of going back onto the streets, however, she chose to attend Job Corps. Her success marked SNMA's success, as Geralynn Williams, chapter president, said, "In addition to inspiring them, they are inspiring us as well."

The idea for the mentorship program began when Dr. Otis Anderson, III, a 2005 alumnus of the UT College of Medicine COM who is doing his second year psychiatry residency in the behavioral modification area of the facility, called on the SNMA to adopt the school for ongoing support. The 60 SNMA volunteers are mainly first and second year students of the COM.

Two groups of 12 young women meet with SNMA on a bi-weekly basis. One group consists of newly admitted girls and another group is for students completing the program's initial phases. The primary role of SNMA is to educate young women on how to live healthier lives during their detainment and upon their release. Topics include "smoking cessation, alcoholism awareness, drug abuse, sexual health awareness and HIV/AIDS," said Williams. The young women may ask questions and speak with SNMA medical students, as well as specialists in each area.

After building a rapport with the young women, Williams said the volunteers asked them what non health related issues they would like to discuss. "We began to incorporate various 'life skill' sessions into the schedule that covered things from etiquette and 'dress for success' to professional development skills, such as interview and job application skills," Williams observed.

"We also included some fun sessions, such as makeup application classes and holiday gift distributions to break the monotony of some of our more serious topics," she said.

"I noticed that the ladies have grown so much in their interpersonal skills," noted Williams, describing the young women's initial apprehension in opening up to the volunteers. "Now they are very active in the dialogues."

Moreover, Williams remarked how she was encouraged by the words of one of the student group leaders during the holiday gift drive visit. The student pulled her aside and expressed her gratitude, saying, "Like many others, you could have just turned your back on us because we are locked up." The student told Williams about one of the counselors taking her to get an HIV test because of the health awareness segment focusing on knowing one's HIV status. "After leaving that day, I had to fight back tears," recalled Williams.

What began as an educational program for adolescent girls became an opportunity to change lives. Ultimately, the program sends the message that no matter how rocky a start in life one has, it does not have to hinder a person from reaching their fullest potential.
UT ALUMNUS PRESENTS ‘MY PERSONAL HEALTH RECORD’

“How hard is it to obtain my health records? How much can my doctor charge? Can I obtain my child’s records? What about my parents’ records? What are my rights?”

These are just some of the questions answered in the personal health management program called “My PHR” presented by Toni Wade, an alumnus of the Health Informatics and Information Management (HIIM) program in the UTHSC College of Allied Health Sciences.

A personal health record (PHR) is a compilation of an individual’s medical records from primary care physicians, specialists and other health care facilities. A PHR will provide other caregivers with information in a variety of circumstances, such as if a person chooses to move or switch doctors.

The free one hour “My PHR” program teaches participants how to obtain medical records discussing privacy myths, physicians’ fees and patients’ rights, as well as how to organize the PHR whether in a file folder, using computer software or on a database on the Internet. Individuals can also use the PHR to manage health information such as allergies, medications, previous diagnoses and surgeries, which will help physicians consider the entire health profile. “Doctors may not know a person’s dietary history or exercise record,” stated Wade.

Beth Bowman, professor and interim chair for the UT Department of HIIM, said the state of Tennessee has very specific laws concerning a person’s right to access health records and the cost of obtaining the documents. Tennesseans have the right to access information in their medical records but may be charged a fee for copies, she explained. Bowman also stressed the importance of compiling a PHR for each family member, noting the Hurricane Katrina disaster as a worst case scenario.

“Hurricane Katrina made everyone realize how important it is to have personal health information in a disaster.” — Beth Bowman

“Hurricane Katrina made everyone realize how important it is to have personal health information in a disaster. Patients could not get medications because they did not know the names of the medications they were taking. Cancer care was disrupted because new caregivers did not know what treatment regimen the patient was under. If patients had a PHR with this information and copies of their health records, a new provider could easily assume their care,” said Bowman. Caregivers for elderly parents would also benefit from a personal health record to coordinate the family member’s care.

Compiling such data in an online data base or paper folder would also be crucial to families struggling to piece together medical records lost in the storm or for families in everyday situations like providing children’s immunization records to begin kindergarten.

Wade, a coding analyst in the Health Information Management Department at the Regional Medical Center, received training from the American Health Information Management Association as a community education coordinator. Her course will be offered at UTHSC as an HR 128 training session, tentatively in April or May. Check the calendar for updates.

To schedule a “My PHR” presentation for a community group, e-mail Wade at twade@the.med.org. For more information about the UTHSC bachelor’s or master’s programs in HIIM, send inquiries to him@utmem.edu.

AUBERTIN RESPONDS TO COMMERCIAL APPEAL READERS’ DENTAL QUERIES

The week of February 5 took Mary Aubertin, DDS, assistant professor of biologic and diagnostic sciences in the College of Dentistry, far from her laboratory and out into the community through cyberspace. After being interviewed by a reporter from The Commercial Appeal for an article on how best to preserve one’s teeth for a lifetime, the newspaper asked her to respond to readers’ dental questions via a blog.

Most questions focused on periodontal disease and loss of bone and recession around the teeth. Dr. Aubertin reported that the questions included things like: What is the benefit of including mouthwash in my daily routine? When should one seek referral to a periodontist? How is gum recession best treated? Does medication for osteoporosis have any effect on the teeth? What causes enamel discoloration and breakdown? What causes teeth to crack? When should wisdom teeth be extracted? What is the best way to replace missing teeth?

Dr. Aubertin observed, “This was probably most beneficial in that instead of relying on advice from friends and family, citizens could actually talk with a dental professional and receive more accurate information.”

Dr. Aubertin is the third UTHSC faculty member to be featured as an expert on The Commercial Appeal blog in the last six months.

GRADUATE RESEARCH DAY

The Graduate Student Executive Committee will hold Graduate Research Day on April 20, in the GEB Lobby.

Graduate students are encouraged to submit an abstract and participate in presenting their research in poster format. Two cash prizes will be awarded: 150 prize for a first through third year student winner; 200 prize for a fourth year student winner. For information or questions, contact aglatt@utmem.edu.
CARDIOLOGY FELLOWS AND STUDENTS HONORED

In February, seven cardiology fellows and five medical students represented the Division of Cardiovascular Diseases through their presentations at the annual Southern Society for Clinical Investigation (SSCI) session in New Orleans. This year saw the inaugural joint meeting of the SSCI with the North American Chapter of the International Academy of Cardiovascular Sciences.

Dr. Manesh Thomas, a cardiology fellow, received the Young Investigator Award for his abstract, “Zinc Dyshomeostasis in Rats with Aldosteronism: Response to Spironolactone.” He was also named first-place winner of the Young Clinician Scientist Award. In addition, Dr. Rami Khouzam, a 2006 graduate of the division’s training program, received the prestigious Tinsley Harrison Award. The award was presented by the editors of the society’s publication, The American Journal of Medical Sciences.

The seven doctoral fellows were Drs. Yelena Selektor, Shad Alsafwah, Basil Paulus, Shannon Shook, Brian Dockery, Manesh Thomas and David Battin. Five medical students Frank Todd, Jonathan Whaley, Kayla Goodwin, Matthew Roberts and Matthew Neal also presented their findings at the meeting. The SSCI presented each fellow, resident and student with a Trainee Award.

Dr. Karl T. Weber, director of the division, expressed his congratulations to the recipients, stating, “I believe this experience will promote student growth and development while celebrating the rewards attendant with creating new knowledge through discovery. It is an advanced practice of medicine that will improve lives, serve the immediate and at large communities, and reduce human illness.”

The student clinician award for the most outstanding presentation of clinical research was given to Jason Blair this year, at the UT College of Dentistry 2007 Student Research Day and Table Clinic Competition.

Jason will represent UT in September at the student poster competition of the American Dental Association national meeting in San Francisco. His award is sponsored by the Dentsply Corporation and was presented by Leann Keefer on behalf of Dentsply and Dean Russell O. Gilpatrick representing the UT College of Dentistry.

Other winners for outstanding presentations of 2006 summer research projects were Jason Ross, winner of the Harold Cloogman Award, along with Scott Careton, Curtis J. Holmes, James Heck III, Scott Weiskopf and Jason Blair, winners of awards from the Memphis Chapter of the American Association for Dental Research.

Fifty three students presented results of their studies in posters and table clinics at the event, held on February 20 at the Wassell Randolph Student Alumni Center.

Featured speaker, Harold C. Slavkin of the University of Southern California School of Dentistry, discussed technological and demographical changes transforming the future of research, education and patient care.

Slavkin, dean of the school and former director of the National Institute of Dental and Craniofacial Research, is an authority on the genomics and molecular biology of craniofacial development and an advocate for student participation in research.
FORTY-YEAR MILESTONE FOR PHYSICAL THERAPY

In the last century, physical therapy has grown from its humble beginnings into a more integrative field, which includes educating the entire family about ways they can assist with ongoing management of a patient’s care on a daily basis. When designing its curriculum, the UTHSC Department of Physical Therapy considers psychosocial aspects, clinical gait analysis and women’s health issues, as well as other fields such as neurobiology, pharmacology, epidemiology and anatomy. In addition, the program has grown to include a doctorate in Physical Therapy Science.

With the winter 2006 graduates marking the department’s 40 year anniversary, Dr. Barbara Connolly, department chair and professor, reflected on the many changes that have occurred.

Two students enrolled in UTHSC’s first physical therapy class in September 1965. They entered the program with a bachelor’s degree. After 16 months, they graduated in December 1966 with a certificate in physical therapy.

“Four months ago, a European hacker gained control of the computer controlling the microscope pictured, downloading several programs onto that computer. Even though these programs had harmless sounding names one was called QuickTime, they were designed to find new targets and report back to the hacker. These programs then scanned and probed the network to identify their next targets. Having identified the targets in a matter of hours, the program then attacked fifteen other systems here at the Health Science Center. The hacker gained control of the microscope’s computer because it did not have a strong pass word.”

These words appeared in an e-mail from Joe Morrison, UTHSC security officer, to illustrate that computer security is not the sole domain of the Information Technology gurus.

“Computer security starts with every one on the UT Health Science Center campus,” Morrison said. “We are all responsible for computer security every student, faculty and staff member who accesses our systems, uses a laptop or employs some other technology to gain entry to our shared information.”

Preventing security incidents is Morrison’s primary focus. One of his most effective tools in achieving this goal is enlisting the support of all UTHSC team members.

“Too many people are in a state of denial when it comes to computer security,” Morrison said. “They don’t believe their computers or systems can be compromised. It’s the attitude that things like that happen to somebody else, not me,” he continued. “Well, that’s not true. It can happen to all of us if we don’t take adequate preventive steps to ensure the integrity of our information.”

What is a computer security incident? It’s defined as an attempt to interfere — again, successfully or unsuccessfully — with system operations in an information system. Security incidents include but are not limited to such acts as:

- Using another person’s user identification and/or password.
- Leaving confidential data displayed to the public or passersby.

See COMPUTER SECURITY, pg. 15

COMPUTER SECURITY STARTS WITH YOU

At that time, there were only about 45 programs in the country, and this was the first program in Tennessee,” stated Dr. Connolly. “The Tennessee Physical Therapy Association said we needed a program in the state. Richard Barnes, the first director of the program, developed a proposal for the curriculum and achieved the interim accreditation so that students would enter the program. Full accreditation was the month before graduation, which was customary at that time. A lot of work went into that first year so that the first students could graduate from an accredited program,” she said.

Dr. Connolly came to UT in 1973 to serve as director of physical therapy PT at what was then the Child Development Center, now the Boling Center.

“The program that Barnes headed was housed in the Boling Center but moved shortly afterwards to the old Baptist Rehabilitation Hospital on Lamar Avenue,” she stated.

The program converted to a bachelor’s degree program in the early 70s and continued at that level until 1989 when UTHSC started the master’s program. As the field expanded, the department admitted their first student into the doctoral program in 2002.

“Four months ago, a European hacker gained control of the computer controlling the microscope pictured, downloading several programs onto that computer. Even though these programs had harmless sounding names one was called QuickTime, they were designed to find new targets and report back to the hacker. These programs then scanned and probed the network to identify their next targets. Having identified the targets in a matter of hours, the program then attacked fifteen other systems here at the Health Science Center. The hacker gained control of the microscope’s computer because it did not have a strong pass word.”

These words appeared in an e-mail from Joe Morrison, UTHSC security officer, to illustrate that computer security is not the sole domain of the Information Technology gurus.

“Computer security starts with every one on the UT Health Science Center campus,” Morrison said. “We are all responsible for computer security every student, faculty and staff member who accesses our systems, uses a laptop or employs some other technology to gain entry to our shared information.”

Preventing security incidents is Morrison’s primary focus. One of his most effective tools in achieving this goal is enlisting the support of all UTHSC team members.

“Too many people are in a state of denial when it comes to computer security,” Morrison said. “They don’t believe their computers or systems can be compromised. It’s the attitude that things like that happen to somebody else, not me,” he continued. “Well, that’s not true. It can happen to all of us if we don’t take adequate preventive steps to ensure the integrity of our information.”

What is a computer security incident? It’s defined as an attempt to interfere — again, successfully or unsuccessfully — with system operations in an information system. Security incidents include but are not limited to such acts as:

- Using another person’s user identification and/or password.
- Leaving confidential data displayed to the public or passersby.

See COMPUTER SECURITY, pg. 15
SUCCESSFUL MATCH DAY 2007

Match Day is the national event, occurring every March, where senior medical students “match” at residency programs across the United States. The UT College of Medicine celebrated one of their most successful Match Days on March 15, with 57 percent of the class pursuing primary care specialties.

The Cadre Building in downtown Memphis was alive with cameras flashing and crowds of students gathering for photos, while family sat back and watched proudly. Sherry Coscia of Memphis reflected on her son Rudy’s match, which will take the reconstructive surgery postgraduate to Sacramento, Calif. “It’s been a climactic day; the end of a long journey. I’m very proud of him. His life is just starting.”

VICE CHANCELLOR NAMED FOR DEVELOPMENT AND ALUMNI AFFAIRS

William F. Owen Jr., MD, chancellor of the University of Tennessee Health Science Center and vice president for Health Affairs at The University of Tennessee, has announced the appointment of Linda Garceau-Luis as vice chancellor for Development and Alumni Affairs.

Serving as the senior development officer for the University of Tennessee Health Science Center UTHSC, Garceau Luis will be based in Memphis and serve all three UTHSC campuses. Reporting to Chancellor Owen, Garceau Luis began on March 1.

Most recently, Garceau Luis worked for more than five years as an independent consultant, providing development services to large and small not-for-profit organizations. Prior to starting her own firm, she spent 10 years as director of Major and Planned Giving for Vanderbilt University Medical Center in Nashville. Before assuming that role, she worked for four years as director of Major Gifts at the State University of New York at Binghamton. Previously Garceau Luis worked with Dartmouth Medical School for four years as the director of capital gifts.

“Ms. Garceau Luis brings extensive business acumen and experience to this position,” stated Chancellor Owen. “She will provide the leadership and coordination for all private fundraising at UT Health Science Center, working in close collaboration with the leading development and alumni officers of the UT System.” He added, “She will provide direction and staffing for development and alumni activities in coordination with the deans of our six colleges and with the leadership of the statewide Health Science Center campuses.”

Garceau Luis holds an MBA from Vanderbilt University and a Master of Arts from Dartmouth College in Hanover, N.H. She also holds a Bachelor of Science degree from Plymouth State College of the University of New Hampshire. She has published several articles on planned giving and endowment, and serves as a board member for the Senior Citizens Foundation and the Monroe Harding Children’s Home. She is also a member of the National Committee on Planned Giving, Middle Tennessee Planned Giving Council and the Leave a Legacy organization.
Mail Services would like to remind the campus that its high speed processing machines cannot distinguish domestic mail from foreign mail, which has resulted in some foreign mail being metered with domestic rates.

Also, Mail Services asks that you do not place campus mail in the orange bag. Only mail to be metered should be in the orange bag. Mail Services appreciates the opportunity to serve the campus.

“Now we have operators who understand the campus,” said Jason Holden, director of telecommunications. The department brought the system back in house with temporary operators while interviewing for full time staff. The temporary workers compiled a spreadsheet about the types of calls they received so they could route the calls more efficiently.

In February, the new operators, Anita Bell and Tuschin Jordan, started answering calls. Both operators report to Joyce Holland, telecommunications manager.

Coming back to work after taking retirement to care for her mother, Bell has more than 20 years of experience in telecommunications at the Regional Medical Center. “Making telephone calls count keeps me smiling,” said Bell. Jordan, who also comes to UTHSC with experience in the service industry and as an operator, exclaimed, “I am simply elated about my new position; the pleasure has been all mine.”

“You’ve been very eager to be a part of the university all smiles every time I go in their office,” said Holden. “Identifying the name changes and new employees are some of the bigger challenges. So far it’s going great. They are a very bright, excited team.

“Our operators are here to help but call volume can be very heavy at times,” Holden observed. “That’s why we encourage team members to use other available sources, like online databases and the campus directory. That will help keep the operators free to serve customers with more complicated inquiries.”

REMEMBER TO BAND AND MARK FOREIGN MAIL

“Public Health Nursing with Disadvantaged Populations”

May 3-4, 2007

Keynote Speaker: Susan Cooper, MSN, Commissioner of Health for the State of Tennessee

Offered by:
The College of Nursing
University of Tennessee
Health Science Center

For more information, please visit the conference Web site:
http://nursingnet.utmem.edu/phnconference/
or
contact Trinika Bowdre at
800 733 2498 or 901 448 6099
tbowdre@utmem.edu

E-GARAGE GETS NEW PAY STATION

UTO Parking Services installed a new self service pay station in the E Lot garage during March 2007. This new pay station will accept nickels, dimes, quarters and 1 coins. It will also accept 1, 5, 10 and 20 bills.

Credit cards will be accepted later. To augment this system, enhanced electronic surveillance and an intercom will be monitored by the campus police dispatcher.

Parking Services managers feel this new pay station will offer the campus community and visitors additional parking access options.

The UT ID swiping in and out will save campus users 5. Please keep your UT ID on you because there will not be an attendant to talk to or let you out. You must swipe in to be able to swipe out; otherwise you will have to pay 5.

All students parking free from 5 p.m. until 3 a.m. during the week must swipe out before 3 a.m., or they will have to pay 5 to exit. This garage will be under surveillance 24 hours a day, 7 days a week. Please adhere to the instructions given.
Another new technology is the gait analysis system or GAITRite system, which is a computerized mat with sensors embedded that electronically captures a person’s footprints when walking. The measurements can be useful, for example, in examining the gait of a person with prosthesis or an arm sling. Students also have the opportunity to use this type of technology with real patients during their 34 weeks of internship experiences in clinics all over the country.

Over the last 40 years, the demand for physical therapists has grown, with the student enrollment increasing from those first four to a current maximum of 60. “In the 90s, we saw a pool of about 450 applicants. The pool is currently smaller than that, but we are beginning to see an increasing number of applicants again,” said Dr. Connolly. Physical therapy has indeed evolved from a field concerned with addressing the specific injury to an interdisciplinary approach incorporating lifestyle and prevention. At both the early and late stages of life, the need for physical therapy has grown. The nation’s population is aging and premature babies are surviving birth and requiring early intervention. To address these many new challenges and to meet their patients’ changing needs, UTHSC’s Department of Physical Therapy continues to grow as well.

PHYSICAL THERAPY continued from pg. 7

children and adults with neurological problems and musculoskeletal sciences includes orthopedic and sports physical therapy.

About five years ago, the department started the Doctor of Physical Therapy Science ScDPT program. Distance learning and weekend based learning courses help licensed physical therapists expand their knowledge while continuing to work. The first two ScDPT students graduated last May, and both live and work in Johnson City, Tenn.

“We are the only PT graduate program in Tennessee, so therapists who want advanced degrees have to get them from us. Students do pre course work at home and then come here for one intense two day weekend to do post course work,” explained Dr. Connolly. The program is for therapists who want to become faculty or perform clinical research.

Another recent development in the department occurred only three years ago, with the degree completion program, which is for physical therapists in the state who received bachelor’s degrees in PT. They have the option to pursue a second degree online and weekend for a doctorate in PT. “It fills in the holes of what they didn’t get in their entry level program, said Dr. Connolly. “They are brought up to current level of entry level in PT and advised of the new PT advancements.”

Tennessee also has mandatory continuing education, with licensed physical therapists completing a required number of hours each licensing period.

“We hope that we instill in our students the need for continuing education, and I think we see that, whether it or not because the field does change so much,” Dr. Connolly stated.

Besides changes in the degrees offered, the department has also seen technological advances. They recently purchased a balance machine with three programs to assess a person’s postural stability and limits of stability. This machine has a very sensitive computer system that helps assess the risk for falling. When observing limits of stability, for instance, a person’s balance forwards, backwards and side to side can be measured. Students use the machine in their research, working with faculty mentors.

One group of students is looking at children’s habits for backpack use. “We’re putting them on the balance master, assessing the changes in balance when they wear their backpacks on two shoulders versus one shoulder,” Dr. Connolly said. The group is now applying the same research to women with handbags.
WHY THE DELTA MATTERS

Tom Piazza, author of "Why New Orleans Matters," will keynote the Delta Regional Authority’s annual conference at the Gold Strike Casino Resort in Tunica, Miss., from April 18 to 20.

Piazza received the 2006 Humanities Book of the Year award from the Louisiana Endowment for the Humanities for the book, written following Hurricane Katrina. He examines New Orleans’ spirit and how its people endure and transcend the recent conditions, writing, “That spirit is in terrible jeopardy right now. If it dies, something precious and profound will go out of the world forever.”

The Delta Regional Authority's Federal Co chair Pete Johnson will use Piazza's book title to introduce the conference theme, "Why the Delta Matters." The Delta Regional Authority DRA is a federal state partnership serving counties and parishes in parts of the eight state region known as the Delta. Johnson and the governors of the states comprise the organization's board.

“The nation's most resilient people live in the Delta. Our residents have been forced to overcome one challenge after another throughout the course of this country's history. Our job is to finally allow them to achieve economic parity with the rest of the country,” said Johnson.

The DRA operates a grant program in each of the eight states it serves. This program allows financially deprived cities and counties to leverage money from other agencies. In addition, the DRA has expanded its regional initiatives in the areas of health care and faith based programs. Later this month, the authority will unveil its Delta Development High way System. In May, the authority will introduce an information technology plan for the region.

Johnson stated, “Our job at the DRA is to provide a unified voice for the region.” “We are a regional advocate, planner and coordinator. In that role, we have numerous programs designed to improve the lives of the people we serve. In 2006, we distributed more than 7.8 million through our grant program. We also recently launched a major diabetes awareness and prevention program in recognition of the fact that diabetes has such a negative effect on our region's work force.”

The free, three day conference is expected to attract several hundred business and community leaders from throughout the region. Those planning to attend are asked to register in advance at www.dra.gov.

SICK LEAVE BANK OPEN ENROLLMENT

Employees of the UT Health Science Center have a wide array of benefits available. Among them is the sick leave bank.

When asked how a grant from the sick leave bank helped during illness, one member employee replied, “There were times that I didn't know if I would receive a paycheck, and I know that I would have to have it if it had not been for the sick leave bank.”

ELIGIBILITY

Employees must:

- be classified as regular, full time or part time and be in an active pay status, which allows accrual of sick leave.
- have a balance of at least 48 sick leave hours as of June 30, 2007.
- agree to a one time assessment donation of 24 hours of sick leave for full time employees. Part time employees’ assessments will be pro rated based on the percentage of time as signed to work.

ADMINISTRATION

Administration for the sick leave bank is provided by a board of trustees. In January 2006, the trustees were changed during a joint meeting. Former and new trustees worked diligently to provide thorough and timely decisions on requests. The new trustees look forward to providing the same level of service to employees.

A heartfelt thanks goes out to each of them for their dedication.

TO ENROLL

Enrollment forms are available on the HR benefits Web page at www.utmem.edu/hrmanresources/benefits.htm. Forms should be completed and returned by Friday, June 29, 2007 to the HR Benefits Department at 4110 Madison Ave., Suite 727 or via fax to 448 7497. For additional information, employees may contact the HR Department at 448 5600.

RETIREEs: JAnuARY AND FeBrUARy 2007

The following UTHSC team members retired earlier this year. We appreciate their many years of dedicated service.

Joseph Randal Avis
Service Specialist II
Mechanical Services
13 years

Louise A. Carter
Social Worker
Center for Development
11 years

Mildred J. Taylor
Associate Professor
Administration College
34 years

Henry S. Evans
Service Aide I
Custodial Services
20 years

Lois Bolden
Instructor
Nursing
22 years

Lottie Wilson
Clinical Assistant
Operatory
37 years
When David Nutting, PhD, associate professor in the Department of Physiology, and his wife Betsy Tolley, PhD, professor of Preventive Medicine, are not teaching or doing research, the two UT Health Science Center professors share the love of their five-year-old, Ceile.

Ceile (that’s KAY-lee), a brown and white bearded collie, flew to California in December to compete with the big dogs in the American Kennel Club (AKC)/Eukanuba National Invitational Dog Show. Ceile was accompanied by Dr. Nutting, her “Dad,” while Dr. Tolley stayed home with the couple’s five other canines. Officially known as “C.H. Buckram-Stonehavn C. Sunshine,” Ceile presented well in the preliminary shows, but did not win the coveted “Best of Breed” in the finals. Dr. Nutting stated that Ceile placed among the top 25 dogs of her breed, which is why she was invited to the annual show.

Because of Ceile’s enthusiasm in the show ring, the AKC herding representative invited her to be a demonstration dog for a herding exhibition near the show arena. Dr. Nutting said that the herding exhibition was the truly “fun part” of the trip. “She likes almost everyone,” stated Dr. Nutting, “but she definitely is Daddy’s girl.”

Now, Mari is training with the local team and working hard to reach her 5,000 goal before flying to Anchorage, Alaska, this June to trek across 26.2 miles of wooded trails.

Although Mari has not met Jordana, she said it is ironic that they live in the same county in Mississippi. Mari lives in Southaven.

“I will be wearing Jordana’s name on my jersey,” Mari stated. To contribute to Castro’s goal, visit her Web site: http://www.active.com/donate/tnttn/tnttnMCastro.

Last year, 15-year-old Jordana Keffer cut her long, brown hair and donated it to one of those organizations that makes wigs for children who lose their hair during cancer treatment.

Three weeks later, she went for a check up and was diagnosed with acute lymphatic leukemia. After watching her own hair fall out in clumps while undergoing chemotherapy at St. Jude Children’s Research Hospital, the optimistic teenager now wears a wig herself. Jordana, who misses running and being active, travels to Memphis from Hornlake, Miss., frequently for therapy.

When Mari Castro, a dental assistant at the University of Tennessee Dental Clinic, heard that the Leukemia and Lymphoma Society LLS would be raising funds for research, she decided she had to do something about it. She joined the LLS Team in Training, which provides training for events such as marathons, half marathons, triathlons and bike rides. Since 1988, more than 295,000 volunteer participants have helped raise more than 660 million.

The Black Student Association 15th Annual BSA Ball
April 14, 2007, at 7 p.m. ♦ Memphis Marriott Downtown

The BSA Ball is an opportunity to recognize andapplaud the achievements of African American students enrolled in the various colleges at the University of Tennessee Health Science Center. Specifically, BSA recognizes its peers graduating seniors who have distinguished themselves in the areas of outstanding academic excellence and community service. There will be dinner, a speaker and dancing. The cost is 25 for students 40 for couples and 50 for employees 50 for couples. The cost of the tickets will increase after April 2, 2007, so get your tickets today. Tickets will be sold every Tuesday, Wednesday and Thursday in the General Education Building lobby from noon to 1 p.m. The attire is formal/semi formal. Please contact Mitzi Milligan at mmillig1@utmem.edu if you have any questions.

Grants

Congratulations to the following UTHSC team members who have recently received grants totaling more than 5,000.

Elizabeth Fitzpatrick
National Institutes of Health
“The role of Neutrophils in Hypersensitivity Pneumonitis” 284,891

Ram I. Mahato
National Institutes of Health
“Targeted Delivery of TFO for Treatment of Liver Fibrosis” 229,950

Anjaparavanda Naren
National Institutes of Health
“Vibrio Cholerae as a Bioterror Agent: New Meaning of Treating a Potential Pandemic” 73,000

Randy Nelson
National Institutes of Health
“Modulation of Primate Somatosensory Cortical Responses” 285,438

Rosemary Stocks
National Institutes of Health
“Chemoprotection Against Cisplatin-Induced Hearing Loss” 205,718

Robert Williams
National Institutes of Health
“INIA: Robust Systems Genetics of Alcohol and Stress Effects on CNS” 355,305

Grants

Congratulations to the following UTHSC team members who have recently received grants totaling more than 5,000.

Elizabeth Fitzpatrick
National Institutes of Health
“The role of Neutrophils in Hypersensitivity Pneumonitis” 284,891

Ram I. Mahato
National Institutes of Health
“Targeted Delivery of TFO for Treatment of Liver Fibrosis” 229,950

Anjaparavanda Naren
National Institutes of Health
“Vibrio Cholerae as a Bioterror Agent: New Meaning of Treating a Potential Pandemic” 73,000

Randy Nelson
National Institutes of Health
“Modulation of Primate Somatosensory Cortical Responses” 285,438

Rosemary Stocks
National Institutes of Health
“Chemoprotection Against Cisplatin-Induced Hearing Loss” 205,718

Robert Williams
National Institutes of Health
“INIA: Robust Systems Genetics of Alcohol and Stress Effects on CNS” 355,305

Grants

Congratulations to the following UTHSC team members who have recently received grants totaling more than 5,000.

Elizabeth Fitzpatrick
National Institutes of Health
“The role of Neutrophils in Hypersensitivity Pneumonitis” 284,891

Ram I. Mahato
National Institutes of Health
“Targeted Delivery of TFO for Treatment of Liver Fibrosis” 229,950

Anjaparavanda Naren
National Institutes of Health
“Vibrio Cholerae as a Bioterror Agent: New Meaning of Treating a Potential Pandemic” 73,000

Randy Nelson
National Institutes of Health
“Modulation of Primate Somatosensory Cortical Responses” 285,438

Rosemary Stocks
National Institutes of Health
“Chemoprotection Against Cisplatin-Induced Hearing Loss” 205,718

Robert Williams
National Institutes of Health
“INIA: Robust Systems Genetics of Alcohol and Stress Effects on CNS” 355,305
February 14. Dr. Dagogo Jack’s lecture presentation was titled “Translating Research into Practice.”

Frank DiBianca, PhD, was presented the Marconi Science Award on March 17 in St. Louis by UNICO National, the largest Italian American service organization in the country. Dr. DiBianca is professor of biomedical engineering and imaging, and he holds the Children’s Foundation of Memphis Chair of Excellence.

Howard Baker, Jr., former U.S. Senator, was unanimously endorsed by the Board of Trustees to receive an honorary degree during spring 2007 graduation on May 25. His degree will be Honorary Doctor of Healthcare Leadership.

James H. Beaty, MD, a 1976 alumnus of the UTHSC College of Medicine, was elected president of the American Academy of Orthopaedic Surgeons during their 74th Annual Meeting in February. “The Academy is an exciting group of people and ideas. I see it as a leader among medical professional organizations,” said Beaty. “It is my privilege to lead and grow with the AAOS.”

Thaddeus L. Johnson and A. Wayne Timberlake were honored at a ceremony held in the SAC on March 9 for their recent promotions. Former Police Investigator Timberlake was promoted to police lieutenant, and Johnson took over Timberlake’s position of police investigator. “These promotions acknowledge the dedication, hard work and service that each officer has given to the UTHSC community. Students, faculty, staff and campus visitors are well served and are safer because of the many contributions made by the officers,” stated Chief Lue Ida Walls Upchurch.

Sue Scates was invited by Dr. Nick Dunagan, chancellor of UT Martin, to come to Martin to be presented to the Board of Trustees as a success story for the UT New College program of fered through UT Martin. She, along with four others associated with UT Martin, made their presentations to the UT Board of Trustees at their annual meeting on the Martin campus. Scates’ invitation came about as a result of her graduation on December 16, 2006.

John W. Cromwell, MD, has joined UT Medical Group Inc. as chief of the division of colon and rectal surgery in the Department of Surgery. He has also been named associate professor of surgery at UTHSC.

Alvin Crawford, MD, UT College of Medicine alumnus, was honored by the American Academy of Orthopaedic Surgeons in February with its 2007 Diversity Award at its 74th annual meeting.

Barrett G. Haik, MD, FACS, was inducted as president of the New York Ophthalmological Society at their 117th meeting on January 8. Dr. Haik is the Hamilton Professor and chairman of the Department of Ophthalmology at UTHSC.

This prestigious society is the oldest medical subspecialty association in the United States and is dedicated to fighting blinding diseases through educational research and academic discovery. Dr. Haik is also director of the UT Hamilton Eye Institute, which is consistently ranked in the nation’s top ten for clinical care. It is the only university eye center providing an advanced level of vision care within a 200 mile radius of Memphis.

Burt Sharp, MD, chair of the Department of Pharmacology at UTHSC, researchers in a study that found prenatal nicotine exposure reduces the availability during adolescence of a receptor that mediates the drug’s impact on cells in the brain’s reward system. The investigators’ findings were highlighted in an article in the February issue of National Institute on Drug Abuse Notes.

William R. Frey, PhD, recently was recertified as a fellow of the American College of Healthcare Executives, the nation’s leading professional society for health care leaders. Dr. Frey is interim dean of the College of Allied Health Sciences at the University of Tennessee Health Science Center in Memphis. Fellow status represents achievement of the highest standard of professional development.

Jerome W. Thompson, MD, was chosen president elect of the American Society of Pediatric Otolaryngology. He will begin his post in 2009.

Rebecca B. Reynolds, as sistant professor in the Department of Health Informatics and Information Management, has been selected through a national search as director of the graduate program in Health Informatics and Information Management. The program offers an online Master of Science degree requiring 33 hours of coursework. All health profession als are eligible for the degree, which provides them with the competency to manage information in an increasingly complex electronic health environment.

Beth Bowman, professor and interim chair in the Department of Health Informatics and Information Management, is serving this year as chair of the Commission on Accreditation of Health Informatics and Information Management Education CAHIIM. The CAHIIM is the national accrediting body for programs in health informatics and information management. This is Bowman’s third year on the commission.

Samuel Dagogo-Jack, FACP, FRCP, FACE, professor of Medicine and program director, Division of Endocrinology, Diabetes and Metabolism, was honored as the 16th Annual Todd Brown Heritage Lecturer at Meharry Medical College in Nashville, Tenn., on
nervous system. Beta amyloid is a central component of the plaque in the brains of Alzheimer's patients, and its toxicity against brain cells could be a prime cause of the disease. While being tested, the participant would regularly receive two-hour infusions of IVIg under Dr. Auchus' care.

Another substance that will be tested on patients is TTP-488. This substance can be given orally and has shown promising results reducing the amyloid burden in the brain during smaller preliminary studies.

In addition, the effects of lithium on the disease are being studied using tau phosphorylation. Tau is a protein that, when phosphorylated, or switched "on," forms the abnormal fibers appearing in the tangles of the brain tissue of a patient with the disease. Lithium may affect the enzyme that phosphorylates tau, decreasing the formation of tangles. Researchers will evaluate lithium's efficacy by measuring these biomarkers before and after treatment with the drug.

Dr. Auchus anticipates needing participants with Alzheimer's disease, as well as seniors in good health or with memory trouble. When the local group requires participants, they will release the announcement to the media.

### 2007 TEACHING AWARDS

Teaching Awards were presented Saturday night, March 17 at the Peabody Hotel. The recipients are chosen by the students and presented by the Medical Student Executive Council.

### M1 – Class of 2010
Outstanding First Year Course Director, Melburn R. Park, PhD
Outstanding First Year Lecturer, Jack L. Wilson, PhD

### Golden Apple Teaching Awards:
- Gross Anatomy, John D. Boughter, Jr., PhD
- MBOD, Ken Nishimoto, PhD
- Physiology, Polly A. Hofmann, PhD

### M2 – Class of 2009
Outstanding Second Year Course Director, Trevor W. Sweatman, PhD
Outstanding Second Year Lecturer, Muthiah Pugazhenthi, MD

### Golden Apple Teaching Awards:
- Microbiology, J. Patrick Ryan, PhD
- Neurology, Daniel L. Menkes, MD
- Pathology, Charles R. Handorf, MD
- Pathophysiology, Barry M. Wall, MD
- Pharmacology, Trevor W. Sweatman, PhD
- Prevention, Community & Culture, Owen P. Phillips, MD
- Doctoring: Recognizing Signs & Symptoms, H. Gail Beeman, MD

### M3 Class of 2008 & M4 Class of 2007
Outstanding Attending, Joseph T. Santoso, MD
Outstanding Clerkship Director, James B. Lewis, MD
Outstanding Clinical Lecturer, Thomas D. Elmore, MD

### Golden Apple Teaching Awards:
- Family Medicine Attending, I. Keith Ellis, MD
- Family Medicine Lecturer, I. Keith Ellis, MD
- Family Medicine Resident, Ryan Bartz, MD
- Medicine Attending, James B. Lewis, MD
- Medicine Lecturer, Muthiah Pugazhenthi, MD
- Medicine Resident, Amanda C. Logue, MD
- Neurology Attending, Tulio E. Bertorini, MD
- Neurology Lecturer, Daniel L. Menkes, MD
- Neurology Resident, Rada Petrinjac-Nenadic, MD
- Ob/Gyn Attending, Todd D. Tillmanns, MD
- Ob/Gyn Lecturer, Todd D. Tillmanns, MD
- Ob/Gyn Resident, B. Todd Chappell, MD
- Pediatrics Attending, Valerie P. Jameson, MD
- Pediatrics Lecturer, Hershel P. Wall, MD
- Pediatrics Resident, Mariko D. DeWire, MD
- Psychiatry Attending, Robert C. Kores, PhD
- Psychiatry Lecturer, Renate H. Rosenthal, PhD
- Psychiatry Resident, Otis Anderson, III, MD
- Surgery Attending, F. Elizabeth Pritchard, MD
- Surgery Lecturer, George O. Maish, III, MD
- Surgery Resident, T. Christopher Berry, MD

### ALZHEIMER'S, continued from pg. 3

According to the American College of Sports Medicine, daily moderate to vigorous physical activity has many benefits. Some of them are improving body fat composition ratio of fat free mass to fat body mass tissue, increasing metabolism, raising energy levels and improving quality of sleep. Current research suggests that it also shows a reduction in stress and elevates mood by increasing the level of “feel good” hormones in the brain. As an added bonus, it has also been shown to improve cognitive function and self esteem.

Types of exercise should be cardiovascular endurance, resistance training, flexibility and relaxation exercise such as Yoga and Tai Chi.

Exercise does not have to consist of a formal program.

Increasing daily activity by taking the stairs instead of the elevator or parking farther from your office can result in similar positive health and stress reducing benefits.

Students and employees participating in campus recreation activities such as intramural sports and fitness classes benefit from less stress, increased productivity and reduced absenteeism. As a result, they are increasing their morale, which makes for happier, healthier employees and students. For more information about fitness and wellness, visit the UTHSC Fitness and Wellness Web site: www.utmem.edu/campusrec or call Fitness and Wellness Coordinator Fonda Fracchia at 448 5416 or e-mail ffracchi@utmem.edu.

### FITNESS CENTER FIT BIT - By Fonda Fracchia MEd, AFAA Certified

According to the American College of Sports Medicine, daily moderate to vigorous physical activity has many benefits. Some of them are improving body fat composition ratio of fat free mass to fat body mass tissue, increasing metabolism, raising energy levels and improving quality of sleep. Current research suggests that it also shows a reduction in stress and elevates mood by increasing the level of “feel good” hormones in the brain. As an added bonus, it has also been shown to improve cognitive function and self esteem.

Types of exercise should be cardiovascular endurance, resistance training, flexibility and relaxation exercise such as Yoga and Tai Chi.


**EMPLOYEES, STUDENTS CAN THROW PUNCHES FOR CREDIT**

Starting in April, UT Health Science Center employees and students will be encouraged to throw punches and deliver swift kicks; plus, employees will even receive HR 128 training credits to do so.

If this doesn't sound like your normal employee and student training class, that's because it isn't. As part of a new crime prevention program, the UTHSC Police Department will be offering free self-defense classes with the opportunity for hands-on experience.

"UTHSC is one of the safest areas inside the Memphis city limits; however, we have had crimes occur in and around campus that could have been prevented if the people involved or the witnesses had been properly trained on what to do and what to look for," explained Thaddeus Johnson, training commander in the UTHSC Police Department.

Some of the crimes that occurred were inevitable, but we want to focus on the areas that we can prevent," he continued.

A major area of focus for the police department is helping the campus community gain confidence in unforeseen situations that require personal defense action. The self-defense class will help to do this as participants learn basic punches, kicks, knee and elbow strikes. The curriculum will also cover instruction in choke and weapon defenses.

Classes are tentatively scheduled for twice a month starting in April and will be held in the gym of the Student Alumni Center unless otherwise specified. Departments or campus organizations can also arrange classes by appointment.

Self-defense classes are just one aspect of a new crime prevention program that the department is implementing on campus to educate employees and students. Classes on conflict resolution and communication will also be offered to equip the UTHSC community with tools to not only avoid becoming a crime victim, but also to more accurately report crimes and become effective witnesses.

Officer Johnson stressed that employees will be able to use these skills at work as well as in their personal lives.

"These skills are not magical, nor are they 100 percent guaranteed, but they will give members of our UTHSC family a chance on or off campus and may even save someone's life," he said.

Look for additional information on UTHSC's crime prevention program and campus police officers distribute informational fliers and brochures on a monthly basis. Officers are also creating a neighborhood watch program on campus and are hoping to conduct a Citizens' Police Academy for members of the UTHSC community.

---

**COMPUTER SECURITY continued from pg. 7**

- Improperly disposing of electronic media or computers.
- Having unauthorized control of your system “hacked”.
- Losing confidential data because of lack of backups.
- Flooding the network with broadcast or scanning packets.

Morrison suggested that all Health Science Center team members take the following security precautions.

- Properly dispose of electronic media containing confidential data: the media must be physically destroyed.
- Protect electronic health information by not allowing a computer screen to be seen by others.
- Display a password protected screen saver when the computer is not being used.
- Logoff when you leave your computer.
- Use a STRONG eight character password with capital letters, lower case letters and numbers.

- Do not share your password for the computer with anyone.
- Do not display your password on or near your computer terminal.
- Protect data retained as notes in Palm Pilots or laptops and use a power on password.
- Backup data regularly and keep backup media off site.
- Encrypt data on laptops.

Morrison also advises that e-mail be thoughtfully handled.

- Confidential data should not be included in e-mails sent outside "utmem.edu" unless it is encrypted.
- Delete spam, chain and other junk mail without forwarding.
- Use a spam filter.

"If you are connected to the UTHSC network, you must run the standard anti virus or an approved alternative," he noted. "You should configure your anti virus to run/scan at regular intervals, scan e-mails and perform on demand scans with your anti virus and anti-spyware."

Keeping individual computer systems up to date is another important element in maintaining security. Morrison recommends that each team member take the following measures to protect the system on a regular basis.

- Download anti virus updates from an anti virus Web page at http://antivirus.utmem.edu/.
- Download security patches and Microsoft updates from: http://www.utmem.edu/helpdesk/.
- Use automatic updates.

Anyone who needs assistance executing these steps should contact the UTHSC Help Desk at 448 2222.

To report a security incident, contact Joe Morrison at 448 1774 or via e-mail: JMorri24@utmem.edu, or place a call to the confidential UTHSC Compliance Hotline at 448 4900.
APRIL 17
Neuroscience Institute Seminar: “Retinoid Visual Cycle and Photoreceptor Degeneration”
Jian Xing Ma, MD, PhD, The University of Oklahoma Health Science Center
Noon, Link Auditorium
More info: bjsmith@utmem.edu

APRIL 19
Interdisciplinary Leadership Training Series: “Summer Ideas and Fun”
8:30 a.m. - 12:30 p.m., UT Boling Center for Developmental Disabilities
More info: rrobert8@utmem.edu

Physiology Research Seminar: “Structure-function Studies of CFTR”
Dr. John R. Riordan, University of North Carolina
3:30 p.m., 516 Nash
More info: mlester@physio1.utmem.edu

APRIL 20
UM/UT Biomedical Engineering Seminar: “Title TBA”
Raoul Kopelman, University of Michigan Medical School, Ann Arbor, MI
3:30 p.m., The University of Memphis Room 203 Engineering Administration
More info: 678-3733

APRIL 24
Neuroscience Institute Seminar: “Imagery of Cerebellar and Limbic Structure and Function in Sleep Disordered Breathing”
Ron Harper, PhD, David Geffen School of Medicine at UCLA Los Angeles
Noon, Link Auditorium
More info: bjsmith@utmem.edu

APRIL 26
Physiology Research Seminar: “Apoptosis and repair of airway epithelium”
Dr. Steven White, University of Chicago Hospitals
3:30 p.m., 516 Nash
More info: mlester@physio1.utmem.edu

APRIL 27
College of Nursing Alumni Day: “The State of the Nursing Workforce in 2007: The Nursing Shortage and Earnings, Quality and Safety of Care, Projections of the Future and Implications for Policy”
Peter I. Buerhaus, PhD, RN, FAAN, Vanderbilt University Medical Center
7:45 a.m. - 5 p.m., Hilton, Memphis
More info: tevaughn@utmem.edu

MAY 1
Neuroscience Institute Seminar: “Title TBA”
Harry Orr, PhD, Institute of Human Genetics, Minneapolis, Minn.
Noon, Link Auditorium
More info: bjsmith@utmem.edu

MAY 3
Physiology Research Seminar: “Contrasting Role of IRK in Regulation of Epithelial Tight Junctions in Differentiated and Undifferentiated Caco-2 Cell Models”
Mr. Sudhir Aggarwal, graduate student, Dept. of Physiology, UTHSC
3:30 p.m., 516 Nash
More info: mlester@physio1.utmem.edu

MAY 8
Neuroscience Institute Seminar: “Mechanisms of Voltage and Calcium Activated Potassium Channel Function”
Richard Aldrich, PhD, University of Texas at Austin
Noon, Link Auditorium
More info: bjsmith@utmem.edu

MAY 10
Physiology Research Seminar: “Epithelial Tight Junctions”
Dr. Asma Nusrat, Emory University
3:30 p.m., 516 Nash
More info: mlester@physio1.utmem.edu

MAY 15
Neuroscience Institute Seminar: “Progressive Development of Spontaneous Seizures in Experimental Epilepsy”
Edward Dudek, PhD, University of Utah School of Medicine
Noon, Link Auditorium
More info: bjsmith@utmem.edu

MAY 17
Physiology Research Seminar: “Intestinal Tight Junctions”
Mr. Sunee Jain, graduate student, UTHSC
3:30 p.m., 516 Nash
More info: mlester@physio1.utmem.edu

MAY 22
Neuroscience Institute Seminar: “Dissection of a Central Pattern Generator”
John Boughter, PhD, UTHSC
Noon, Link Auditorium
More info: bjsmith@utmem.edu

MAY 24
Physiology Research Seminar: “Isolation and Characterization of a Platelet Secretory Phospholipase A1”
Ms. Alyssa Bolen, graduate student, UTHSC
3:30 p.m., 516 Nash
More info: mlester@physio1.utmem.edu

MAY 31
Physiology Research Seminar: “Phosphoinositides and ATP-sensitive K+ Channels in the Heart”
Dr. Zheng Fan, UTHSC
3:30 p.m., 516 Nash
More info: mlester@physio1.utmem.edu