

Technology magazine honors engineering faculty member

By Jim Winkler

Good things come in very, very, very small packages. Just ask Dr. Abul-Majeed Azad, winner of a 2007 Nano50 Award from Nanotech Briefs, an industry magazine, who has developed a new, nanotechnology-derived process to make hydrogen fuel from a byproduct of steel production.

The associate professor of chemical and environmental engineering was recognized at the NASA Tech Briefs National Nano Engineering Conference in Boston Nov. 14, and his research featured in the magazine's November issue. Nanotechnology is a fast-emerging science that concerns itself with the engineering of materials at the level of individual atoms and molecules.

The method relies on some well-established scientific principles. When steam passes over a hot iron surface, the metal reacts by soaking up the oxygen in the steam to form iron oxide and releasing hydrogen. While it is certainly a clean way to produce hydrogen compared to fossil-fuel combustion, it would not produce enough of the gas for use in cars, in industry and at home to cover production costs.



Photo by Daniel Miller

INSTANT REACTION: Doctoral student Sathees Kesavan dropped sodium borohydride solution into the iron precursor as Dr. Abdul-Majeed Azad watched the black nanoscale iron particles that formed instantaneously.

But increasing the surface area of the iron makes the process, known as metal-steam reforming, easier and more effective.

That's where nanotechnology — and hundreds of thousands of tons of iron oxide annually dumped into landfills by steel manufacturers, providing a readily available, cheap supply of the metal — enter the picture.

To make nanoscale iron powder, Azad relies on a process known as solvothermal reaction, which doesn't use water as a solvent. He dissolves waste iron oxide in a mineral acid, adds hydrazine, a compound found in rocket fuel, and then ethanol as a solvent. The mixture is taken to about 100 degrees Celsius in a stainless steel jacket and kept for four hours under a pressure equivalent of five atmospheres.

This causes the iron oxide to transform into very tiny, sugar cube-shaped grains of iron that are magnetic, have a large surface area, and can't be seen with the naked eye because they are about five billionth of a meter in size. The method produces iron nanoparticles in a more environmentally

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Ohio governor lauds UT researchers, energy work during visit

By Jon Strunk

Choosing UT and its research into photovoltaics and other alternative energies as the backdrop for his Nov. 28 visit, Ohio Gov. Ted Strickland joined Congresswoman Marcy Kaptur and other University, business and elected leaders for a tour of a number of alternative energy-related startup businesses located in UT's incubator building at the corner of Westwood Avenue and Dorr Street.

Ohio should make a commitment that by 2025, 25 percent of the state's electricity would be generated from renewable and advanced energy resources, like solar power, Strickland told a crowd of about 50 following the tour.

Strickland praised UT faculty and researchers, saying he and Lee Fisher, Ohio's lieutenant governor and director of development, looked forward to continuing to build on the millions of dollars in alternative energy awards UT had already received, as

well as the commercialization and, ultimately, the jobs that will result from the knowledge created at the University.

"We want to help you take the second and third steps from the laboratory toward job creation," Strickland said.

Strickland's visit added momentum to a research area at UT that already has considerable speed.

With help from Kaptur, Dr. Frank Calzoni, vice president for research development, and many tal-

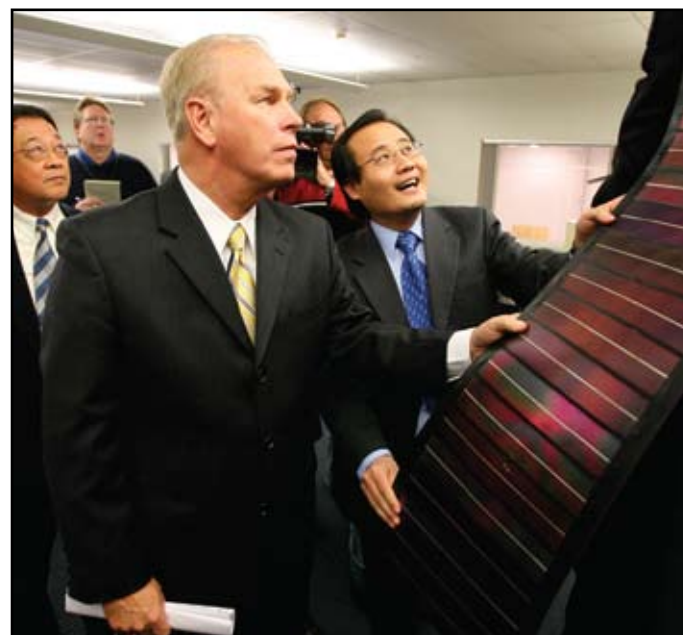


Photo by Daniel Miller

HOT RESEARCH: Dr. Xunming Deng, professor of physics, right, showed a solar panel his team fabricated to Ohio Gov. Ted Strickland.

ented researchers, UT has become a center of alternative energy research, particularly in solar power. In February, UT received an \$18.6 million award to take the lead in the creation of the Center for Photovoltaics Innovation and Commercialization.

In addition to a \$3.6 million award for solar research from the U.S. Department of Defense and a prominent article in Newsweek magazine, UT recently was chosen to house the University Clean Energy Alliance of Ohio, a collection of 15 Ohio universities working together to advance and commercialize energy research.

The governor also said he may have caused UT President Lloyd Jacobs' ears to itch.

"No one has been a better role model for higher education in this state than Lloyd Jacobs," Strickland said, adding that he frequently talks about UT's accomplishments

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Women and Philanthropy grant available at UT

By Alissa Hammond

Women and Philanthropy at The University of Toledo is accepting applications for the first grant to be given by the group.

Women and Philanthropy is a group of women donors who have created an association to promote the University through investments and grants to UT initiatives. Up to \$20,000 is available in this first grant cycle.

A group of women donors, spearheaded by local businesswoman and the current chair of the group Marianne Ballas, met in 2004 to begin laying the groundwork for a women's giving circle at UT. In 2005, they officially organized under the name Women and Philanthropy at The University of Toledo. Members are committed to forging new relationships and building a commu-

nity of thoughtful, effective philanthropists among women diverse in age, interests and backgrounds.

Members of the giving circle pledge to donate a minimum of \$1,000 per year to their donor-designated fund at The University of Toledo Foundation. A grant is then made from this pooled fund.

Members will review grant applications and a recipient will be chosen and announced April 18.

The grant guidelines and an application form may be found on the Women and Philanthropy Web site: http://www.utoledo.edu/offices/women_philanthropy/grant.html.

The grant is available only for UT projects or programs. Faculty, staff and students are encouraged to apply. The deadline for grant applications is Jan. 18.

Safe Places program re-launched

By Matt Lockwood

Walking around campus you may begin noticing stickers outside of office doors indicating that the space inside is a "Safe Place." The stickers are part of the Safe Places project being re-launched by UT Spectrum, a student gay-straight alliance.

The Safe Places stickers identify safe locations where people can ask questions, discuss problems and get information about lesbian, gay, bisexual and transgender issues.

"People who participate in the Safe Places program are those willing to go the extra mile on these types of issues," said Noah Gillespie, coordinator of the Safe Places program. "It doesn't mean other places on campus are unsafe."

UT President Lloyd Jacobs is a participant in the program and recently placed a Safe Places sticker outside of his office.

In a memo to the campus, Jacobs wrote, "Making our campus welcoming to all students, staff and visitors, and especially to our lesbian, gay, bisexual or transgender friends and colleagues, fits with our mission of improving the human condition and our commitment to making UT the most student-centered university in the nation."

The program was originally launched at UT in the 2002-03 academic year and about 35 "safe places" remained. There are now

80 safe places and growing.

Gillespie said the program was re-launched after a campus diversity assessment in 2006 found most lesbian, gay, bisexual and transgender people didn't feel completely safe on campus.

"The goals of this program are to create



Photo by Terry Fell

SAFE PLACE: President Lloyd Jacobs and Noah Gillespie, coordinator of the Safe Places program, put a sticker outside of the Office of the President to designate it a "Safe Place" for people to get information about lesbian, gay, bisexual and transgender issues.

a network of education, and a more tolerant and accepting campus," Gillespie said.

To obtain your Safe Places packet, complete the registration form located at <http://spectrum.utoledo.edu> and either e-mail it to ngilles@utnet.utoledo.edu or drop it off at the Spectrum office, located in Student Union Room 3522 on Main Campus.



Photo by Daniel Miller

TOUCHING EXHIBIT: Jeff Rhodes, a junior in the Judith Herb College of Education and the College of Arts and Sciences, read a message on one of the panels of the AIDS Memorial Quilt that was on display Wednesday and Thursday in the Student Union on Main Campus as part of AIDS Awareness Week.

Officials ask UT community to register for emergency message service

By Jon Strunk

University of Toledo e-mailed a communication to all members of the UT community last week asking that they register their cellular phones to receive messages from the Red Alert emergency mass communication system in the event of an incident on campus.

To receive Red Alert messages, students, faculty and staff must register their e-mail and cell phone numbers via the Red Alert channel on the Home tab inside the myUT portal. They are strongly encouraged to register to receive instantaneous text messages; however, if they do not have text availability, they can choose to receive a voice message. Due to the logistical requirements of disbursing many voice messages, voice mails may be significantly delayed.

In a letter to the campus, UT Police Chief Jeff Newton wrote that while UT has been working to improve emergency communications for some time, the violence at Virginia Tech only served to increase the

urgency to have a system in place to help prevent similar tragedies and provide information on other campus-wide warnings, such as tornados, mass utility failures, violent incidents, missing or abducted children, or chemical contaminations.

"While it is hoped that registrants will rarely see a Red Alert message, it is important to be able to communicate rapidly and clearly to avoid potential injury or tragedy," Newton wrote.

Newton added it was important for registrants to know that some cell phone carriers may offer users the ability to block mass text messages, similar to a SPAM filter, and that this option should not be accepted.

"Red Alert is only as powerful as the number of students, faculty and staff it can communicate with," Newton wrote. "Please visit the myUT portal and register for this important service."

UT administrators hope to have the system ready to use early next semester.

In memoriam

Dr. Edward T. Kirkpatrick, Weston, Mass., died Nov. 25 at age 82. He joined the University in 1959 as professor and chair of mechanical engineering as well as director of the Computation Center, positions he held until his departure in 1964. In the early days of the space race, he served as adviser to the Rocket Club and its controlled rocket experiments. More lightheartedly, he brought some national attention to the campus with his invention, the Twistometer, an oscilloscope that measured the torso torque and shake rate on dancers performing the Twist.

Owens Corning historical records preserved in Canaday Center

The University of Toledo's Ward M. Canaday Center for Special Collections recently acquired the historical records of Owens Corning, the Toledo glass fiber manufacturer.

The collection, nearly 200 linear feet in size, documents the company from its founding in 1938. It joins collections of historical records from two other Toledo glass companies, Libbey-Owens-Ford Inc. (now Pilkington North America) and Owens-Illinois Inc., which also are preserved in the Canaday Center.

"With the addition of the records of Owens Corning, the Canaday Center has become the most important archival repository in the country for studying the history of the glass industry," said Barbara Floyd, director of the Canaday Center. "Researchers can study the history of the flat and window glass industry, the history of glass bottle production, and now the history of the manufacturing of glass fibers, all in one location."

All of Toledo's glass companies trace their beginnings back to the arrival of Edward Drummond Libbey in the city in 1888, Floyd said. Libbey brought his New England Glass Co. to Toledo that year, and shortly thereafter hired Michael Owens to supervise his manufacturing plant. Owens used his technical expertise to invent a machine to automatically produce glass bottles, and he and Libbey spun off that company as the Owens Bottle Machine Co. In 1929, that company merged with the Illinois Glass Co. to create Owens-Illinois Inc. Libbey and Owens also spun off a company that produced flat glass, called the Libbey-Owens Sheet Glass Co., which merged in 1929 with the Ford Plate Glass Co. to become Libbey-Owens-Ford. In 1935, Owens-Illinois began a cooperative venture with Corning Glass



Photo by Daniel Miller

WALKING ON THE MOON: Artifacts commemorating NASA's first manned mission to the moon in 1969 are included in the Owens Corning collection. Fire-safe Fiberglas Beta yarns developed by Owens Corning Fiberglas were used in the space suits worn by the Apollo 11 astronauts.

Works in Corning, N.Y., to experiment with the production of glass fibers. That company became Owens Corning three years later.

"Having the records of all three of these companies in one archival repository will allow researchers to study how the companies developed in relation to one another," Floyd said. "And because these companies are not only the largest glass companies in Toledo but also among the largest in the world, the Canaday Center's collections document far more than just Toledo history. They represent the history of the glass industry globally."

Owens-Illinois began experimenting with the production of glass fibers in the 1930s after Prohibition drastically reduced the demand for glass bottles and left the company with excess production capacity. The company began experimenting

with glass wool production, and produced furnace filters as its first product. In 1932, the company perfected the production of wool fibers for use as insulation. In 1935, the company began negotiations with the Corning Glass Works to cooperatively experiment with glass fiber production, and the joint venture produced many new products. The two companies formed a new corporation — Owens Corning Fiberglas — in 1938, headquartered in Toledo and led by Harold Boeschstein, an Owens-Illinois vice president.

The company worked with the military during World War II on many new applications of glass fibers. The Navy used glass wool as insulation in their warships, and the company also produced heat-resistant fabric for the military that was woven from glass fibers.

Owens Corning insulation has been used in household products such as refrigerators and stoves. Fiberglas (the Owens Corning trademarked name for its product) fabrics were popular in the 1950s and 1960s for draperies that helped insulate large picture windows common to home designs of the time. Fiberglas also was used to create underground storage tanks, pipes and even car bodies such as the Corvette.

In the 1960s and 1970s, Owens Corning worked with NASA to develop non-combustible materials for use in manned spacecraft following a tragic fire in 1967 that killed three astronauts in training. Neil Armstrong's spacesuit that he wore to walk on the moon was made of Owens Corning's pure glass fibers. In 1980, the company acquired the rights to the Pink Panther from United Artists, and the cartoon figure has been the company's official savvy "spokesperson" since that time. Owens Corning moved into a new corporate headquarters building downtown in 1996.

"The collection documents the amazing breadth of the company's products and technological innovations," said Kimberly Brownlee, manuscripts librarian in the Canaday Center. "One usually doesn't think of glass as anything other than a window or a bottle. But Owens Corning has made glass into almost every kind of product imaginable, from fabric to insulation to shingles. Researchers will be able to study many different aspects of the company from the collection."

Brownlee said the staff has started to organize, catalog and preserve the collection, but this work will likely take many months before the records are available to researchers in the Canaday Center.

For more information, contact Floyd at 419.530.2170 or Brownlee at 419.530.5578.

UT researchers study best ways to suppress dangerous crystalline silica dust

By Jim Winkler

Each spring Toledo and northwest Ohio jumps from winter to construction season, with motorists greeted by orange barrels, lane closures, and thundering jackhammers and saws breaking up and sawing concrete roadbeds.

And with a boom in construction going on in some parts of northwest Ohio, workers in excavators can often be seen digging in a cloud of dust.

Construction means progress, but it can be loud, dusty and sometimes harmful to health, which is one reason four University of Toledo researchers are using a new \$185,000 grant from the National

Institute for Occupational Safety and Health (NIOSH) to conduct a study to determine the best ways to suppress hazardous dust produced during concrete polishing and grinding.

Three Department of Public Health and Homeland Security faculty members — Drs. Farhang Akbar-Khanzadeh, professor; Michael Bisesi, professor and chair; and Sheryl Milz, assistant professor — and Dr. Sadik Khuder, a professor of medicine and study design expert, are conducting the research that will compare the effectiveness of two well-established dust-control techniques. One involves spraying water where dust is

being generated, while the other uses powerful vacuums attached to concrete grinders and polishers. Both methods aim to reduce toxic dust emissions.

A local concrete company is participating by setting a field laboratory where experiments will be conducted.

"The cloud of dust you see when someone is cutting or grinding concrete is not harmless," Akbar-Khanzadeh said. "It contains crystalline silica particles that have been linked to a serious lung disease known as silicosis that, in some cases, leads to lung cancer."

Crystalline silica dust can be unleashed

during construction, sandblasting, mining, quarrying, asphalt paving, concrete mixing, glass and ceramics manufacturing, and tunneling. Silica is a mineral found in sand, granite, concrete and other substances. Particles invade the lungs, causing minute cuts, lesions and scar tissue that eventually fill up the air sacs and make breathing difficult.

Akbar-Khanzadeh explained that there are technologies and practices available to prevent dust-related disease, adding that it is vital that employers monitor dust levels to assess the risk of exposure of employees and they put control measures in place

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Engineering students to present projects at design expo

By Alissa Hammond

A system to monitor and predict failure of a sump pump, a device that helps those with disabilities and the elderly shop for groceries with complete independence, a racing wheelchair, and a moving holiday decoration scene are four of 40 projects that will be on display during the UT College of Engineering Undergraduate Research and Senior Design Exposition.

The expo will take place Friday, Dec. 7, from noon to 3 p.m. in Nitschke Hall on Main Campus and feature projects from the departments of Bioengineering, Chemical and Environmental Engineering, Civil Engineering, Electrical Engineering and Computer Science, Engineering Technology, and Mechanical, Industrial and Manufacturing Engineering.

“Our senior design projects course is not just another course for our students; it is a capstone experience where students synthesize and demonstrate what they have learned over their entire program of study,” said Dr. Nagi Naganathan, dean of the College of Engineering. “These projects are valuable not just because of their technical merit. Students work on real-world problems while affirming what engineering is all about — dedicating their professional knowledge and skills to the advancement and betterment of human welfare.”

A part of the required senior design project for students is to form business-consulting units to come up with a solution for a client’s technical or business challenge. After creating a plan, businesses, industry and federal agencies sponsor the projects, according to Christine Smallman, director of college relations and facilities management



Photo by Daniel Miller

READY TO ROLL: Dr. Mohamed Samir Hefzy, left, and Dr. Mehdi Pourazady held up models of a racing wheelchair designed for a UT student by mechanical engineering seniors, from left, Jacob Hofelich, Bret Schlosser, Kyle Bedal and Jon Willett. Jill Caruso of the Ability Center of Greater Toledo was the client adviser on the project.

in the College of Engineering, who started the Senior Design Clinic in 1997 in the Mechanical, Industrial and Manufacturing Engineering Department. Since then, it has grown to include all college departments.

“The College of Engineering Undergraduate Research and Senior Design Exposition is one of the proudest moments in our college. The day is an assessment of the quality of education our students have received from the fine faculty in our college, as well as a day when students showcase quality senior design projects,” Smallman said. “Due to the engineering student’s mandatory co-op experience, on-the-job experience and the senior design course,

they are able to showcase their development as an engineer ready to join the work force or continue on to graduate school.”

One of the projects designed by students is a system to monitor and predict failure of a sump pump; the system has communication ability through a dial-up phone line or the Internet. This project has been designed by UT students Kenyatta Carlisle, Gideon Engelberth, Ben Sauder and Timothy Smith. The faculty adviser is Dr. Roger King, professor of electrical engineering and computer science, and the client adviser and sponsor are Jeff Culver and Predictive Technologies.

Store-Search.org, a Web-based shopping assistant designed by UT students

Kevin Durst, Matt Marincic and Chadd Schwartz, allows customers to search store inventory for items. The site then tells them the in-store location of the item, as well as allows customers to create an itemized shopping list organized for easy navigation of the store. The faculty adviser on the project is Dr. Cyrus Hagigat, assistant professor of engineering technology.

A customized racing wheelchair was designed and constructed by Kyle Bedal, Jake Hofelich, Ben Sarver, Bret Schlosser and Jon Willett, who worked with faculty advisers from the Mechanical, Industrial and Manufacturing Engineering Department, Dr. Mohamed Samir Hefzy, associate dean of graduate studies and research administration, and Dr. Mehdi Pourazady, associate professor. Created for a UT student, the aluminum, three-wheel, A-frame racing wheelchair features a steering compensator, which allows steady direction and prescribed turning around curves. Client adviser is the Ability Center of Greater Toledo and the sponsor is the National Science Foundation.

Another project is based around the holiday season. A Christmas scene was constructed that contains moving characters of Santa and Mrs. Claus and Rudolph, the Red-Nosed Reindeer. A stamp controller brings the characters to life, thanks to a solar-powered battery. Ahmad Alshawwaf, Mishal Alsuliman, Rob Hayes, Paul Holtz, Jeffrey Rice and Jeremy Smallman are the students behind the design, and Dr. Ahmad Farhoud, associate professor of electrical engineering and computer science, is the faculty adviser. Hayes Brothers Ornamental Ironworks served as client adviser and sponsor.

Engineering faculty member

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benign way and at a cost lower than more traditional reactions using either hydrogen or carbon at very high temperatures.

The particles not only can be used to produce hydrogen gas for use in fuel cells, but also have the ability to neutralize contaminants such as perchlorate, arsenic and hexavalent chromium, which have been identified as health hazards.

According to Azad, nanoscale iron particles are 10 to 1,000 times more reactive than conventional iron powders — already used in some traditional waste-water treatment processes — because the nanoparticles’ smaller size collectively gives them a much larger surface area.

The technology holds promise as a way to clean up a pervasive problem of

unhealthy levels of perchlorate and arsenic in drinking water supplies that plague many parts of the world.

Perchlorate, a chemical used in rocket fuel, has been found in the drinking water of more than 11 million Americans nationwide. It keeps iodide from being absorbed by the body, has been found to damage fetuses and infants, and could lessen brain development and lead to Attention-Deficit Disorder.

“Nanoscale iron appears to act like a sponge for perchlorate and arsenic,” Azad said, noting that particles can bind up to 100 times as much arsenic as the larger iron particles currently used in filters.

Azad has worked with colleagues at California’s Lawrence Berkeley National Laboratory to assess the efficacy of nano-

scale iron in removing arsenic from drinking water. His research has been funded by the Department of Energy through an Edison Materials Technology Center grant to support his PhD student, Sathees Kesavan, who graduates this semester.

Collaborating with Main and Health Science campus researchers, Azad also plans to study how nanoscale iron and iron oxide particles can be used to improve magnetic resonance imaging.

According to Nanotech Briefs’ Web site, the Nano50 Awards recognize the “top 50 technologies, products and innovators that have significantly impacted, or are expected to impact, the state of the art in nanotechnology. The winners of the Nano50 Awards are the best of the best — the in-

novative people and technologies that will continue to move nanotechnology to key mainstream markets.” A panel of nanotechnology experts judged the nominations, with technologies, products and innovators receiving the 50 highest scores named as award winners.

Other institutions represented by the winners were Stanford, Princeton, Rice and Old Dominion universities; universities of Texas, Virginia, Florida and Missouri; Massachusetts Institute of Technology; Harvard Medical School; Xerox, Oak Ridge, Lawrence Livermore and Idaho National laboratories; NASA Langley Research Center; and the National Institute of Standards and Technology.

Elephants push engineering students to think outside box to develop novel feeding device

By Chelsea-Lynn Carey

Last fall five UT engineering students used their knowledge and educational experience to counter the clever elephants at the Toledo Zoo. The students were charged with designing and building two automatic elephant feeders, which posed a more difficult task than originally thought.

The students unveiled their feeder during the 2006 UT College of Engineering Undergraduate Research and Senior Design Exposition, and the Toledo Zoo has been using the feeder for almost a year.

The five engineering students were Brandon Via, Jeremy Oyer, Alyssa Main, Brett Anderson and Michael Burghardt.

Their faculty adviser was Dr. Lesley Berhan, associate professor of mechanical, industrial and manufacturing engineering.

"The Toledo Zoo wanted a device that could feed the elephants small amounts of food at intervals throughout the night, which is healthier and more interactive for them," Via said.

The group developed four concepts, but only had time to physically test the final design, according to Via.

"We took all of our conceptual designs and evaluated them on a number of criteria. There were several things to consider on the zoo's behalf, such as ease of use, making it small enough to fit in their facility, making it mobile so they can use it in various locations, and making it durable so it will serve the zoo for a long time," Via said. "We also had to look at such issues as cost, functionality, maintenance and safety. We compared the pros and cons of each design based on these issues, and chose the one that seemed the most feasible."

The final design was chosen based on simplicity and functionality. "The design chosen took up less space than the other designs and only requires an electronic timer to work. We could also very easily put this



Photo by Terry Fell

SNACK TIME: Renee and her son, Louie, eat carrots and hay dispensed by the automatic elephant feeder designed by UT engineering students. The feeder has been in use at the Toledo Zoo for about one year.

product on wheels, which would allow the zookeepers to move it between the various facilities and feed the elephants from different locations," Via said.

There were multiple elephant-caused concerns that developed as this design came together, said Don Redfox, Toledo Zoo elephant trainer. These included the elephants' ability to destroy most anything put in their reach and their problem-solving skills.

"We quickly came to find there is really no such thing as 'elephant-proof,'" Via said. Almost anything put within their reach can be, and most likely will be, destroyed quickly. It became evident that the device needed to be out of the reach of the elephant rather than "elephant-proof."

"Renee, our adult female elephant, has applied her natural problem-solving skills to figure out how to spring the doors by hitting them with sticks, toys and other objects," Redfox said. "I put a top on the feeder to prevent this, and she learned to throw sand into the opening under the top and above the doors until she weighted down the area enough to spring the doors and get the hay and treats. I added a hinged panel on the front, and so far this has solved the problem."

"When we heard several months later what the elephants were trying to do to get the food, by throwing branches and sand at the device, it was pretty amusing," Via said. "It was also great news to us — it means our product was serving its purpose well. As an added bonus, it's almost an enrichment tool for the elephants. Now they're using the mind a little more each day to figure out how to get their food, and the zookeepers can keep them guessing where the food will drop by moving the device around every day."

"The feeders are used every day and working great," Redfox said. "The team was great to work with and really stepped up to solve an unconventional problem."

"I had a blast working on this project. Not many people get to use their engineering degree to try to improve the lives of animals and humans at the same time," Via said. "Personally, I found just how valuable my engineering degree could be — they certainly don't teach courses on designing feeders for elephants — but our group had no doubt that we had the tools and knowledge to apply from our engineering course work to make the project work."

Via and the other group members graduated in December 2006.

UT community asked to assess food preferences

By Jon Strunk

The University of Toledo has distributed a survey to all faculty, staff and students to get their view of what the optimal food service program at UT looks like.

UT community members can complete the five-minute online survey through Dec. 7; it was e-mailed Nov. 29 and also is accessible via the University Announcements section on the UToday news page. Additionally, one participating student and one participating faculty or staff member will win a \$100 gift card.

"This is the first time we're looking holistically at our food service needs since we became a new institution following the merger," said Dawn Rhodes, interim vice president for administration. "With a hospital and a residential academic campus, our food service needs are different, and we intend to identify the best business model and vendor to support those needs."

Rhodes said UT has hired a consultant group with expertise in both health-care and academic settings and is in the process of completing interviews and focus groups with administrators, faculty, staff and students.

"This survey will be a key component telling us what the various UT constituent groups want. Once that's established, combined with a decision on the business model, we can start working to identify who is the best vendor to provide that service," Rhodes said.

She also emphasized that there will be broader representation on the group that ultimately chooses a food service vendor.

Ohio governor

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as he travels the state and speaks with other university leaders.

According to Jacobs, the conversation in Columbus regarding higher education changed following Strickland's election.

"I think for a long time, university and political leaders were missing each other; we were talking past each other," Jacobs told the governor. "In the short time you have been in office, you have launched dramatic changes in the way we think about education and its role in our communities and their economic development. Our conversations have become very constructive."

From the board

The UT Board of Trustees approved the following personnel actions at its Nov. 19 meeting:

NEW PERSONNEL: **Michael Alston**, security officer, UT Police, effective Sept. 10; **Brittany Austin**, research technician, Environmental Sciences, effective Aug. 1; **Theresa Barabash**, nurse practitioner, Urology, effective Oct. 1; **Vera Blitz**, greenhouse manager, Plant Science Research, effective Oct. 29; **Thomas Cromley**, resource analyst, Purchasing Services, effective Sept. 24; **Margaret Delcher**, interim coordinator, Student Health Services, effective Oct. 1; **Paul Fabry**, assistant soccer coach, Intercollegiate Athletics, effective July 23; **Mark Fox**, patent technology associate, Research and Development, effective Oct. 22; **Richard Frohne**, security officer, UT Police, effective Sept. 17; **Theresa Garris**, nurse practitioner, College of Medicine, effective Oct. 24; **Joseph Gilbert**, assistant football coach, Intercollegiate Athletics, effective Aug. 6; **Marcelo Gonzalez**, senior research associate, Mechanical, Industrial and Manufacturing Engineering, effective Sept. 1; **John Growden**, security officer, UT Police, effective Oct. 22; **Stephen Hardy**, program specialist, Student Recreation Center, effective Nov. 1; **Karen Jensen**, administrative assistant 2, Mulford Library, effective Sept. 10; **Lynn Labardee**, teaching associate, College of Nursing, effective Oct. 9; **Rolinda Lemay**, academic program coordinator, Environmental Sciences, effective Oct. 1; **Xin Li**, visiting scientist, Physiology, Pharmacology, Metabolism and Cardiovascular Sciences, effective Oct. 23; **Richard McNutt**, assistant football coach, Intercollegiate Athletics, effective Aug. 7; **Sasmita Mishra**, interim research technician, Environmental Sciences, effective Oct. 1; **Connie Mueller**, staff development specialist, Surgical Intensive Care, effective Oct. 4; **C'Shalla Parker**, staff development specialist, Outpatient Clinic, effective Sept. 24; **Wiona Porath**, academic program coordinator, Bioengineering, effective Oct. 9; **Gregory Pothast**, software specialist, Information Technology, effective Oct. 15; **Cindy Puffer**, coordinator and managed care pharmacist, Pharmacy, effective Nov. 1; **David Reamey**, systems technician, University Libraries, effective Sept. 24; **Debra Robertson**, HR specialist, Human Resources, effective Aug. 27; **Laura Sammut**, teaching associate, College of Nursing, effective Oct. 5; **Charles Schnur**, temporary project manager, Residence Life, effective July 30; **Maria Stevens**, executive secretary 2, Enrollment Services, effective July 25; **Karen Tormoehlen**, nurse practitioner, University Health Services, effective May 3; **James Waite**, director of development, Institutional Advancement, effective Oct. 14; **Mohammad Wadood Majid**, systems analyst, Information Technology, effective Oct. 15; **Kyle Walton**, interim hall director, Residence Life, effective July 2; **Katrina Wilson**, security officer, UT Police, effective Sept. 18; **Oliver Wolcott**, assistant baseball coach, Intercollegiate Athletics, effective Sept. 5; **Xianbi Xiang**, lab specialist, Physics and Astronomy, effective Aug. 6; **James Zeller**, systems analyst, Institutional Research, effective Oct. 15; and **Karol Zsarnay**, staff development specialist, Surgical Intensive Care, effective Oct. 4.

FACULTY APPOINTMENTS/REAPPOINTMENTS: **Shaheda Ahmed**, assistant professor of pathology, effective Sept. 4; **Joseph Atallah**, assistant professor of anesthesia, effective Aug. 17; **Mirza Baig**, assistant professor of urology, effective July 1; **Theresa Barabash**, clinical instructor of urology, effective July 1; **Kenneth Bertka**, clinical associate professor of family medicine, effective July 1; **Samih Bittar**, assistant professor of medicine, effective Sept. 4; **Raymond Bourey**, academic rank pending, College of Medicine, effective Dec. 1; **Wenhao Chen**, assistant professor of medical microbiology and immunology, effective Dec. 17; **Nancy Collins**, professor of medical microbiology and immunology, effective Oct. 15; **Daniel Feinberg**, visiting instructor, University Libraries, effective Sept. 3; **Yongqing Feng**, assistant professor of medicine, effective Sept. 1; **Mohamed Salah Elzawawi**, visiting assistant professor of radiology, effective Aug. 1; **Rajorshi Ghosh**, visiting assistant professor of art, effective Sept. 24; **Timothy Janiga**, assistant professor of surgery, effective Aug. 1; **Kimberly Jenkins**, instructor

of anesthesiology, effective Sept. 17; **Mohammad Kanjwal**, instructor of medicine, effective Sept. 1; **Theo Keith**, research professor of mechanical, industrial and manufacturing engineering, effective Jan. 1; **Christine Kiel**, assistant professor, College of Engineering, Lorain County Community College agreement, effective Aug. 13; **Melissa Kounine**, assistant professor of orthopaedic surgery, effective Oct. 1; **Larry Krill**, associate professor of medicine, effective Nov. 1; **Dianna Lento**, visiting assistant professor of nursing, effective Aug. 18; **William Logie**, assistant professor of curriculum and instruction, effective Aug. 6; **Robert Mrak**, professor and chair of pathology, effective Sept. 17; **John-David Smith**, assistant professor of physics and astronomy, effective Jan. 1, 2008; **Stanislaw Stepkowski**, professor of medical microbiology and immunology, with tenure, effective Dec. 17; and **Jiang Tian**, assistant professor of medicine, effective July 1.

CLINICAL ASSISTANT PROFESSOR APPOINTMENTS: **Dean Christopher Bailey**, Family Medicine, effective Nov. 5; **Indira Bhagat**, Pediatrics, effective Nov. 20; **Donald Cameron**, Neurology, effective Sept. 29; **Michelle Gardner**, Obstetrics and Gynecology, effective June 22; **Jennifer Gance**, Obstetrics and Gynecology, effective Sept. 5; **Robert Kalb**, Family Medicine, effective Nov. 18; **Robert Karp**, Psychiatry, effective Aug. 13; **Roger Kucway**, Radiation Oncology, effective Sept. 10; **Krishna Mallik**, Orthopaedic Surgery, effective Sept. 29; **Kenneth Mapes**, Surgery, effective Oct. 5; **Heather Meade**, Pediatrics, effective Nov. 20; **Spilios John Pappas**, Surgery, effective Oct. 1; **Tara Shamy**, Pediatrics, effective Nov. 20; **Cherilyn Marie Shurtz**, Pediatrics, effective Nov. 20; and **Shannon Wronkowitz**, Pediatrics, effective Nov. 20.

TEMPORARY REHIRED FACULTY: **Philip Conran**, professor emeritus of nursing, effective Aug. 20.

CHANGES IN STAFF CONTRACTS: **Barbara Akpanudo**, from triage nurse to research nurse, College of Medicine, salary adjusted, effective Aug. 1; **Susan Andrews**, from student ombudsman to director of student customer service, Student Services, effective Sept. 14; **Carylon Anteau**, from systems analyst to senior systems analyst, Information Technology, effective Oct. 1; **Lisa Baker**, from transfer admission coordinator to assistant director of undergraduate admission, Adult Transfer Admission, salary adjusted, effective Sept. 10; **Justin Ballard**, from assistant network specialist to network specialist, e-Learning and Academic Support, effective Aug. 20; **Paula Ballmer**, admissions representative, College of Nursing, salary adjusted, effective Aug. 15; **Kathy Bielski**, senior business manager, Enrollment Services, salary adjusted, effective July 1; **Constance Black-Posl**, project coordinator, Early Childhood, Physical and Special Education, salary adjusted, effective July 1; **Sherry Blosser**, from systems analyst to senior systems analyst, Information Technology, salary adjusted, effective Sept. 15; **John Blust**, administrative coordinator, College of Medicine, salary adjusted, effective Oct. 8; **Gary Carr**, from student services coordinator to interim director of student services management, Student Services, effective Sept. 26; **Julie Christy**, interim information technology chief, Clinical Informatics, salary adjusted, effective Sept. 1; **Charles Clark**, from acting director to associate director, Institutional Research, effective Aug. 27; **Amanda Costell**, director of small projects, Campus Environment and Physical Plant, salary adjusted, effective Sept. 10; **Melissa Crabtree**, team leader of quality, communication and security, Information Technology, salary adjusted, Aug. 27; **Don Curtis**, senior Web developer, Enrollment Services, salary adjusted, effective Jan. 1; **Matthew DeVries**, from research assistant to lab research compliance coordinator, Research and Sponsored Programs, salary adjusted, effective Sept. 10; **Kathleen Diegel**, team leader of integrity process management, Information Technology, salary adjusted, effective Sept. 4; **Claire Edmondson**, from transfer systems coordinator to assistant director of undergraduate admission, Direct From High School Admission, salary adjusted, effective Sept. 10; **Brad Evans**, head coach of women's soccer, Intercollegiate Athletics, salary adjusted, effective July 1; **Jared Faris**, from assistant network specialist to

network specialist, e-Learning and Academic Support, effective Aug. 20; **Shannon Finch**, chargemaster specialist, Revenue Cycle, salary adjusted, effective Nov. 2; **Mark Fink**, director of facility support and projects, e-Learning and Academic Support, salary adjusted, effective Aug. 6; **Amy Finkbeiner**, manager, Volunteer Services, salary adjusted, effective Sept. 2; **Sandra Flick**, transplant coordinator, Renal Transplant Administration, salary adjusted, effective Sept. 2; **Suzette Fronk**, from assistant athletic director, Intercollegiate Athletics, to assistant director of contracts and fiscal planning, Budget and Planning, salary adjusted, effective July 1; **Laura Frost**, clinic manager, Outpatient Clinics-Orthopaedics, salary adjusted, effective Sept. 1; **Nancy Gauger**, operations supervisor, Operating Room, salary adjusted, effective Sept. 2; **Daniel Gierhart**, supervisor of central transcription services, Health Information Management, salary adjusted, effective Oct. 10; **Samuel Giles**, from coordinator to licensing associate, Direct From High School Admission, salary adjusted, effective Oct. 2; **Angela Green**, from assistant director of fitness to assistant director of programming, Student Recreation Center, salary adjusted, effective Aug. 20; **Ellen Harbaugh**, from coordinator to supervisor of record completion, Health Information Management, salary adjusted, effective Aug. 29; **Chris Henderson**, associate director of adult student admission, Enrollment Services, salary adjusted, effective July 1; **Robert Hogle**, interim information technology chief operating officer, Information Technology, salary adjusted, effective Sept. 1; **Jennifer Holloway**, renal transplant coordinator, Renal Transplant Administration, salary adjusted, effective Sept. 2; **Lynn Hutt**, from staff auditor to compliance/privacy officer, Compliance Office, effective Oct. 1; **William Ingler**, from postdoc to research assistant, Physics and Astronomy, effective Jan. 3; **John Jagos**, operations supervisor, Sterile Processing, salary adjusted, effective Sept. 2; **Danyell Johnson**, nurse practitioner, Orthopaedics, salary adjusted, effective June 10; **Lars Jorgensen**, head coach of women's swimming, Intercollegiate Athletics, salary adjusted, effective July 1; **Amy Kall**, from accessibility specialist to academic adviser, High School Outreach, salary adjusted, effective Sept. 3; **Michael Karabin**, from senior associate director to deputy athletic director, Intercollegiate Athletics, effective Oct. 8; **Anne Knepper**, research nurse, Surgery, salary adjusted, effective Sept. 17; **Melissa Korb**, renal transplant coordinator, Renal Transplant Administration, salary adjusted, effective Sept. 2; **Stacie Kreinbrink**, manager of document records management, Health Information Management, salary adjusted, effective Oct. 10; **Kevin Kucera**, associate vice president for enrollment services, salary adjusted, effective July 1; **Catherine Kwapich**, director of enrollment services for transfer and international students, Enrollment Services, salary adjusted, effective July 1; **Charles Lehnert**, associate vice president for facilities and construction, salary adjusted, effective Aug. 28; **Stacey Leonard**, staff nurse, College of Medicine, salary adjusted, effective Sept. 1; **Xianbo Liao**, from visiting scholar to research professor, Physics and Astronomy, effective May 8; **Heather Lorenz**, senior industrial hygienist, Safety and Health, salary adjusted, effective Aug. 10; **Christine Lonsway**, assistant director, Intermodal Transportation Center, salary adjusted, effective Sept. 1; **Henry Marshall**, manager of benefits, Human Resources, salary adjusted, effective Sept. 1; **Tracy Mauntler**, head coach of women's tennis, Intercollegiate Athletics, salary adjusted, effective July 1; **Joyce McBride**, from senior budget analyst to assistant director of academic budget and planning, Budget and Planning, salary adjusted, effective Nov. 1; **Tami McKimmie**, from marketing assistant to outreach coordinator, Outpatient Clinic-Orthopaedics, salary adjusted, effective Sept. 17; **Ruth Meinhart**, assistant dean and director of Student Success Center, salary adjusted, effective Aug. 7; **Robert Meyer**, from systems analyst to senior systems analyst, Information Technology, effective Oct. 1; **Marc Miller**, director of technology, Clinical Informatics, salary adjusted, effective Sept. 2; **Nicholas Morgan**, from senior admission coordinator to assistant director of undergraduate admission, Direct From High School

Admission, salary adjusted, effective Sept. 10; **Thomas Neese**, director/business manager of operating room, Anesthesiology, salary adjusted, effective Sept. 2; **Patrick Okerbloom**, from senior budget analyst to manager of budget reporting and analysis, Budget and Planning, salary adjusted, effective Nov. 1; **Chasity O'Neill**, from director of institutional advancement to director of development, Institutional Advancement, salary adjusted, effective July 22; **Kathy Page**, director of enrollment services, salary adjusted, effective Aug. 3; **Shirley Palowski**, executive secretary 2, Information Technology, salary adjusted, effective Sept. 1; **Patricia Pertz**, from budget analyst to senior budget analyst, Budget and Planning, salary adjusted, effective Nov. 1; **William Pierce**, director of undergraduate admission, Enrollment Services, salary adjusted, effective July 1; **Susan Peschel**, operations supervisor, Operating Room, salary adjusted, effective Sept. 2; **Kimberly Pollauf**, academic adviser, Student Access/Success Program, salary adjusted, effective Aug. 7; **Georgetta Prystash**, from administrative coordinator to manager of medicine and cancer clinics, Outpatient Clinic, effective Oct. 29; **Jane Quinn**, from office manager 2 to supervisor of document and records management, Health Information Management, salary adjusted, effective Jan. 1, 2008; **Julie Quinonez**, from assistant registrar to associate registrar, Registrar's Office, salary adjusted, effective Aug. 11; **Karen Reitz**, from administrative secretary 2 to administrative assistant 3, Surgery, salary adjusted, effective July 22; **Dawn Rhodes**, from vice president to interim vice president for administration, effective Sept. 5; **Karen Robinson**, testing coordinator, University College Testing Center, salary adjusted, effective Aug. 13; **Patricia Robinson**, from RN clinic manager to RN case manager, Neurology, salary adjusted, effective Sept. 10; **Theresa Rudnicki**, manager of recovery room, Outpatient Surgery/Post-Anesthesia Care Unit, salary adjusted, effective Sept. 2; **Rebecca Rynn**, manager, Glendale Medicine Clinic, salary adjusted, effective Sept. 10, salary adjusted Oct. 29; **Lorie Sarnes**, prevailing wage compliance officer, Campus Environment and Physical Plant, salary adjusted, effective Sept. 10; **Cynthia Schneider**, operations supervisor, Operating Room, salary adjusted, effective Sept. 2; **Floyd Shoup**, director of facilities maintenance, Campus Environment and Physical Plant, salary adjusted, effective Sept. 10; **Pamela Snyder**, from research nurse to nurse practitioner, Outpatient Clinic, effective Sept. 17; **Diana VanWinkle**, interim quality assurance specialist, College of Engineering, salary adjusted, effective Sept. 10; **Harvey Vershum**, from interim director to director of energy management, Campus Environment and Physical Plant, salary adjusted, effective Sept. 10; **Norine Wasielewski**, senior director of family medicine, Student Medical Center, salary adjusted, effective July 1; **Rickie Waugh**, from medical assistant to supervisor of medical assistants, Outpatient Clinic-Medicine, salary adjusted, effective Oct. 1; **Douglas Winner**, from associate vice president for finance to interim chief financial officer of medical center, Finance and Strategy, salary adjusted, effective Oct. 1; and **Jeffrey Witt**, from assistant director of revenue to director of Student Recreation Center, salary adjusted, effective July 18.

CHANGES IN FACULTY CONTRACT: **Joseph Atallah**, assistant professor of anesthesiology, joint appointment with Department of Orthopaedic Surgery, effective Nov. 1; **Andrew Beavis**, from associate professor to associate professor of physiology, pharmacology, metabolism and cardiovascular sciences and director of cardiovascular and metabolic diseases track, salary adjusted, effective Sept. 10; **Carol Bennett-Clarke**, from associate professor to professor of neurosciences, salary adjusted, effective Jan. 1, 2008; **Mark Burket**, from professor to professor of medicine and director of the Cath Lab, salary adjusted, effective July 1; **Johnnie Early**, dean, College of Pharmacy, salary adjusted, effective July 1; **Nabil Ebraheim**, professor and chair of orthopaedic surgery, salary adjusted, effective July 1; **Joanne Ehrmin**, professor and chair of acute and long-term care, salary adjusted, effective Aug. 15; **Alexei Fedorov**, from assistant professor to associate professor of medicine, salary adjusted, effective Jan. 1, 2008; **Thomas Fine**, associate professor of psychiatry, salary adjusted, effective July 1; **Jacalyn Flom**, lecturer

in management, salary adjusted, effective Aug. 4; **Diana French**, professor and chair of primary care, salary adjusted, effective Aug. 15; **Karen Graham**, assistant professor of physician assistant studies, salary adjusted, effective Aug. 6; **James Hampton**, from associate professor to professor of nursing, salary adjusted, effective Aug. 15; **Rhonda Hercher**, from assistant professor to assistant professor of surgery and ER assistant medical director, effective Oct. 24; **Marthe Howard**, professor of neurosciences, salary adjusted, effective July 1, 2006; **Virginia Keil**, associate professor and associate dean, Judith Herb College of Education, salary adjusted, effective July 1; **Michele Knox**, associate professor of psychiatry, salary adjusted, effective Sept. 1; **Barbara Kopp Miller**, associate professor of occupational therapy and director of Center for Successful Aging, joint appointment in Department of Public Health, tenure granted, effective July 1; **Anand Kunnathur**, from associate dean and professor to senior associate dean and professor, College of Business Administration, salary adjusted, effective July 1; **Catherine Marco**, professor of surgery and director of professional medical surgery ethics curriculum, salary adjusted, effective Sept. 1; **Steven Martin**, from associate professor and interim chair to associate professor and chair of pharmacy practice, salary adjusted, effective Aug. 1; **Anand Mutgi**, from professor and associate director of Medical Residency Program to professor of medicine, salary adjusted, effective Oct. 1; **Michael Nagel**, from clinical assistant professor of neurology to volunteer status, effective Aug. 1; **Sonia Najjar**, from professor and director of molecular basis of disease and director of Center for Diabetes and Endocrine Research to professor of physiology, pharmacology, metabolism and cardiovascular sciences and director of Center for Diabetes and Endocrine Research, effective Sept. 10; **T.S. Ragu-Nathan**, from chair and professor to chair and professor of marketing and interim director of India MBA Program, salary adjusted, effective July 1; **Isabel Novella**, associate professor of medical microbiology and immunology, salary adjusted, effective Aug. 1; **Jean Overmeyer**, from assistant professor to associate professor of biochemistry and cancer biology, salary adjusted, effective Jan. 1, 2008; **James Patrick**, from professor emeritus and acting chair of pathology to professor emeritus of pathology, effective Sept. 16; **Kathryn Pilioid-Carpenter**, instructor of nursing, salary adjusted, effective Aug. 15; **Susan Pocotte**, assistant professor of nursing, contract change from 10 months to 12 months, salary adjusted, effective July 1; **Michael Rees**, associate professor of urology, joint appointment in Medical Microbiology and Immunology Department, effective Dec. 1; **Susan Rice**, associate professor of nursing, salary adjusted, effective Aug. 15; **Martin Ritchie**, from professor to professor and chair of counseling and mental health, salary adjusted, effective Aug. 6; **Joseph Ryno**, from assistant professor to assistant professor of surgery and ER assistant medical director, effective Oct. 24; **Randall Schlievert**, from assistant professor to associate professor of pediatrics, salary adjusted, effective Jan. 1, 2008; **Cynthia Smas**, from assistant professor to associate professor of biochemistry and cancer biology, salary adjusted, effective Jan. 1, 2008; **Susan Sochacki**, from instructor to assistant professor of nursing, salary adjusted, effective Aug. 15; **Thomas Sodeman**, associate professor of medicine, three-month military leave, effective Aug. 13; **Mark Vonderembse**, from professor and director to professor of information operations technology management, salary adjusted, effective Aug. 19; and **David Weldy**, assistant professor of family medicine, joint appointment with Department of Kinesiology, effective Aug. 6.

STAFF SEPARATIONS: **Debra Beach**, interim instructional designer, Distance and e-Learning, effective Aug. 31; **Teresa Boatman**, interim instructional designer, Distance and e-Learning, effective Aug. 29; **Anna Crawford**, assistant director, Financial Aid, effective July 20; **Yoland Durden**, associate director, Gear-Up Program, effective Sept. 14; **Ben Ebihara**, senior research associate, Mechanical, Industrial and Manufacturing Engineering, effective Sept. 30; **Joseph Ecklund**, associate director, Residence Life, effective Oct. 19; **Phillip Ezakovich**, security officer, UT Police, effective Sept. 6; **Deithra Glaze**, director of benefits, Human Resources, effective Nov. 1; **Matthew**

Gottfried, lab manager, Geographic Information Science and Applied Geography Research Center, effective Aug. 31; **Tina Hacker**, senior human resource representative, Human Resources, effective Oct. 19; **Martino Harmon**, director, African-American Student Enrichment Initiatives, effective Oct. 26; **Dorian Hooker**, manager, Gear-Up Program, effective Sept. 14; **Diane Hughes**, infection control coordinator, Infection Prevention and Control, effective Sept. 26; **Susan Jankowski**, manager, Health Science Campus Bookstore, effective Nov. 21; **Rita Krieger**, teaching associate, College of Nursing, effective July 20; **Larry Low**, computer specialist, Clinical Informatics, effective Jan. 22; **Elizabeth Martin**, budget analyst, Budget, effective Sept. 14; **Jade McWhorter**, manager of record completion, Health Information Management, effective Dec. 27; **Daniel Morissette**, senior vice president for finance and strategy, effective Oct. 24; **Chasity O'Neill**, director of development, Institutional Advancement, effective Oct. 5; **Jeff Peters**, senior instructional designer and coordinator, Distance and e-Learning, effective Oct. 29; **John Pryzbyl**, computer lab and staff supervisor, Information Technology, effective Nov. 9; **Dawn Reinhart**, financial analyst, Grants Accounting, effective Nov. 6; **Robert Roe**, research associate, Institutional Research, effective Sept. 5; **Randy Samner**, hall operations manager, Residence Life, effective Oct. 19; **Jennifer Schilens**, interim assistant director of staffing and training, Residence Life, effective Sept. 14; **Charles Schnur**, temporary projects manager, Residence Life, effective Oct. 10; **Nicholas Siefke**, researcher, Gear-Up Program, effective Sept. 14; **Aamir Shabbir**, senior research associate, Mechanical, Industrial and Manufacturing Engineering, effective Oct. 16; **Rahwae Shuman**, director, Gear-Up Program, effective Sept. 14; **Kathryn Slight**, outreach coordinator, Outpatient Clinic-Orthopaedics, effective Sept. 7; **Kristina Sully**, nurse practitioner, Student Health Services, effective Sept. 30; **Katherine Treuhart**, administrative assistant 2, Outpatient Clinic-Orthopaedics, effective July 20; **Sara Weisenburger**, staff auditor, Internal Audit, effective Sept. 27; and **Stephanie Wright**, assistant treasurer, Finance, Technology and Operations, effective Oct. 12.

FACULTY SEPARATIONS: **David Boilard**, assistant professor of family medicine, effective Sept. 28; **James Byers**, associate professor of pharmacology, effective Sept. 28; **Donald Cameron**, clinical assistant professor of neurology, effective Sept. 28; **Gregory Cerilli**, assistant professor of surgery, effective Sept. 14; **Robyn Gandy**, assistant professor of psychiatry, effective Dec. 28; **Mary Kozy**, assistant professor of nursing, effective June 15; **Kenneth Mapes**, assistant professor of surgery, effective Oct. 4; **Brent Martin**, associate professor and director of lab animal medicine, effective Dec. 20; **Tamyra Mougimis**, assistant professor of anesthesiology, effective June 18; **Dale Patterson**, clinical assistant professor of family medicine, effective June 30; **Spilios John Pappas**, clinical assistant professor of surgery, effective Sept. 30; **Jan Phillips**, clinical instructor of physical therapy, effective June 30; and **Marilynne Wood**, assistant professor of nursing, effective Aug. 3.

STAFF RETIREMENT: **Kay Krueger**, administrative assistant, Finance and Strategy, effective Nov. 1; **Marcia Meeker**, accountant 2, Accounts Payable, effective Sept. 21; and **John Schoonover**, systems analyst 2, Clinical Informatics, effective Sept. 21.

FACULTY RETIREMENT: **Norman Carrico**, clinical professor of family medicine, effective June 30.

FACULTY GRANTED EMERITUS STATUS: **William Bischoff**, professor emeritus of biological sciences, effective July 1; **Bernard Cullen**, professor emeritus of pediatrics, effective Sept. 18; and **Channing Hinman**, professor emeritus of medicinal and biological chemistry, effective July 1.



Photo by Jack Meade

HONORED: UT Police Lt. Jesse Albright and his wife, Arlene, held the handsome plaque Jesse received upon retirement after 21 years of service and posed for a photo with UT Police Chief Jeff Newton, left, and UT Police Lt. Tony Oberneder following a Nov. 28 reception on the Health Science Campus. Chores around the house and trips to visit daughters in Oklahoma and California are in the future for the 63-year-old Navy veteran, who joined the police department of the former Medical College of Ohio in 1986. Albright said that "the people who have been here over the years have made my job very easy," and that the merger between MUO and UT is "a great marriage." He added, "People here have been like a second family. I'm going to really miss the people. It has been a lot of fun."

UT researchers

continued from p. 3

to reduce the levels to which workers are exposed, and consequently reduce their risk of developing silicosis and/or lung cancer.

In the UT study, subjects will be randomly assigned to conventional operations where there are no dust controls or to operations "with proper dust-control options in place," according to Akbar-Khanzadeh.

Personal respirable dust samples will be collected during concrete finishing from three groups of workers applying hand-

held grinders. One group will use grinders connected to running water, while another group will use grinders connected to vacuums. A third group will use grinders with no dust-suppression equipment.

"Our research is aimed at finding the best practical way to lower the risk of exposure to silica dust," Akbar-Khanzadeh said. "This will make working with concrete and other products that contain silica much safer."

UTNEWS

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October Students First Award winners recognized

By Alissa Hammond

Two UT employees recently were honored with the Students First Award for the month of October. President Lloyd Jacobs recognized the winners in front of the group the award is given for: students.

Tracci Harmon, manager of retail operations and student staffing, and Dr. Dennis Morse, professor emeritus of neurosciences in the College of Medicine, were October's Students First Award winners. Both were nominated by students and were chosen by the committee from the President's Commission on Student Centeredness.

Harmon was nominated for keeping students at the forefront of her job and working beyond expected hours. She has been serving UT students for a number of years, both as director of student activities and leadership and her current position.

She has provided snacks for students who did not have time to eat breakfast before early summer classes from her own resources and, according to her nominator, a recent UT graduate and student leader, "She goes above and beyond the call of duty. Her door is literally always open." He added, "She [listens to students about] their lives and struggles. She shows students that she is not only interested in their campus involvement, but also in their hearts and minds."

"I am truly delighted to have received this award, and receiving it during the holiday season stirs even more emotion," Harmon said. "I am passionate about helping students set and achieve their goals. It gives me great joy to know that my efforts are appreciated by the students and acknowledged by President Jacobs and the University."

A student who saw Morse's attention to detail and devotion to teaching nominated him because these qualities make him a



Photo by Daniel Miller

President Lloyd Jacobs handed Tracci Harmon, manager of retail operations and student staffing, gift cards when he surprised her with the Students First Award.



Photo by Jack Meade

Dr. Dennis Morse, professor emeritus of neurosciences, center, posed for a photo with students from his anatomy class and President Lloyd Jacobs.

student-centered faculty member.

Much of Morse's career has been spent teaching and researching vertebrate cardiovascular and visual systems, but in an effort to make teaching more student-centered and informed by developing technology, he shifted his interests to the development of software that effectively teaches students about gross anatomy and histology.

According to the student who nominated him, Morse is known as "the artist" among his colleagues because of his elegant and clear illustrations. Beyond the technical end of his job, he also spends time making sure his students understand the material.

"He spends time working with students who have difficulty mastering this challenging subject and makes sure that they receive the attention they need from their professors in order to succeed," wrote his nominator. "When you spend time with Dr. Morse, you can tell his focus in education is the student. He cares for his students, not only whether or not they perform well on an exam, but who they are as people."

"The receipt of the Students First Award is very special to me since it represents the best kind of feedback — from the consumer," Morse said. "My success in the classroom is made possible by the opportunity to work with bright, motivated adult learners and by being a member of a team of anatomists with similar educational philosophies."

Jacobs surprised both winners with their awards right before Thanksgiving. Each received gift cards to Barnes & Noble and Starbucks, and at the end of the academic year, one overall winner will be chosen to receive a prize of \$1,500.



Photo by Daniel Miller

¡ADIÓS AMIGAS! Smiling for a photo at their retirement party last Thursday were, from left, Janice Przybysz, data system coordinator; and Janet Adam and Kathleen Farquharson, both records management officers. The trio worked in the Registrar's Office. "Janet was retiring in October, but since we are all friends, she decided to go in November with us," Farquharson said. Przybysz and Farquharson have been friends since high school, and both worked in the same office during their UT careers. Przybysz joined the staff in 1969, and Farquharson started working at the University in 1973. During her nearly 20 years at UT, Adam worked in the Parking Office and the Student Medical Center, but spent 17 years in the Registrar's Office. Przybysz said, "I loved working with the students," adding a joke, "and keeping up on the fashions." She plans on catching up around the house, traveling, and spending time with her grandchildren. "My new job is 'Granny 911,'" Przybysz said. Farquharson said, "I loved the people, made a lot of friends — I really loved my job." She also will be spending more time with grandchildren. "My son and daughter-in-law just gave me a brand-new granddaughter. She is my future plans; I will be babysitting her and her 4-year-old brother." "I loved working with the students and helping with their registration problems. I will miss the campus and a lot of people who work here," Adam said. "My husband plans on retiring soon. We plan to do a lot of traveling, seeing the U.S. and hopefully Europe."