

Women's soccer player checks in from Colombia before XXX Olympiad

By Brian DeBenedictis

UT women's soccer player and Bogota, Colombia, native Natalia Gaitàn is a little over two weeks away from representing her home country in the XXX Olympiad in London. It will be the first-ever Olympic appearance for Gaitàn and the Colombia women's soccer team.

Gaitàn, who will be a senior this fall, is one of four NCAA Division I student-athletes on the Colombia national team roster, which includes Austin Peay's Tatiana Ariza, Indiana's Orianca Velasquez and Kansas' Liana Salazar.

Colombia, which will field one of 12 women's soccer teams in the Olympics, qualified for this summer's showcase event by reaching the finals of the 2010 South American Women's Soccer Championships in Gaitàn's hometown.

Due to an intense schedule, the soccer competition actually kicks off two days before the Olympic Games' opening ceremony with the first group matches Wednesday, July 25. The competition will begin with a group stage. The teams will be divided into groups of four, and the best eight teams will qualify for the quarterfinals. From there, the

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Gaitàn

Photo by Daniel Miller

Barnes & Noble grand opening at Gateway July 11

By Samantha Watson

Barnes & Noble will hold a grand opening Wednesday, July 11, for its new store at UT's Gateway Project, which also will house the new University Bookstore.

"The opening of Barnes & Noble is a great way to kick off Gateway phase one and to showcase the institution's commitment to creating a student-centered environment," said Matt Schroeder, vice president for real estate and business development at The University of Toledo Foundation. "The Gateway Project will be a much-needed destination for students and help to stimulate investment within the Dorr Street commercial corridor."

The ribbon-cutting ceremony will take place at noon at the corner of Dorr Street and Secor Road, followed by special events, promotions and appearances.

Dr. Tom Barden, dean of the UT Honors College, will sign his book titled *Steinbeck in Vietnam* from 1 to 3 p.m. There also will

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Country group Gloriana to perform at Music Fest 2012

The University of Toledo is bringing a rare opportunity for fans of country music's Gloriana to see the 2009 American Music Awards Breakthrough Artist of the Year for free during Music Fest 2012.

The free, public event will take place Friday, Sept. 14, on UT's Main Campus and will feature a mix of national and local recording artists.

Gloriana has been on the rise for the past four years since their debut single, "Wild at Heart." With the recent single, "Kissed You Goodnight," which was premiered on the television show, "The



Gloriana is Tom Gossin, left, Rachel Reinert and Mike Gossin.

Bachelorette," Mike Gossin, Rachel Reinert and Tom Gossin have reached No. 9 on the Billboard Country Singles Chart.

"Music fans will be in for a real treat when Gloriana takes the stage at the third annual Music Fest," said Lawrence J. Burns, UT vice president for external affairs. "They

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UT Medical Center recognized for its advocacy of LGBT patients

By Samantha Watson

The University of Toledo Medical Center has been named a 2012 "Leader in LGBT Healthcare Equality" thanks to its staff's commitment to the equal treatment of all lesbian, gay, bisexual and transgender patients.

"This is something that we've been working on for a number of years, and we're glad to finally achieve this status," said Dr. Shanda Gore, UT associate vice president for equity, diversity and community engagement.

UTMC is one of only 71 medical facilities nationwide to achieve this status, one of 10 in the state, and the only one with this designation in northwest Ohio. In order to be considered a leader, hospitals had to answer

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Astronomy researcher receives award for investigation, education

By Samantha Watson

A University of Toledo faculty member has been selected as a 2012 Cottrell Scholar in recognition of his passion for both research and education.

The prestigious award, which includes a \$75,000 grant, was given by the Research Corporation for Science Advancement to Dr. J.D. Smith, UT associate professor in the Department of Physics and Astronomy.

The Research Corporation for Science Advancement, which is celebrating its 100th anniversary this year, awards only professors in their third year of a tenure-track appointment. It recognizes outstanding young faculty in the fields of astronomy, biochemistry, biophysics, chemistry or physics who excel in both research and teaching, and who show exceptional potential in both areas.

Smith was the only recipient in astronomy this year, and one of only 11 awardees, who hailed from institutions that included Cornell, Yale, CalTech and UCLA.

He will use the award to support two projects, one research-based and one educational, that he proposed to the Research Corporation for Science Advancement last summer.

For his research project, Smith plans to study “How Galaxies Die and Why,” investigating when and how galaxies stop producing stars or “die.” Smith explained that galaxies normally are forming new stars from reservoirs of

gas and dust, but can stop quite abruptly and for very poorly understood reasons.

In order to conduct his research, Smith plans to utilize the Herschel and Spitzer space observatories, along with ground-based telescopes, to follow the gas and dust in galaxies transitioning from a star-forming state to “red and dead,” a term used by astronomers because of the red appearance of old stars. With an international group of collaborators, Smith has helped discover a new population of such rare but important galaxies.

“We’ve found a new way to identify galaxies undergoing this transition, and now we’re trying to study in particular not what’s happening to the aging stars within them, but what becomes of all this raw material, the stellar fuel itself,” Smith said.

By following the fuel for the first time, Smith hopes to gain insight into the processes that control the life and death of all galaxies in the universe, including our own.

For his educational project, Smith wants to improve the impact of elementary astronomy labs, both at UT and beyond.



Photo by Daniel Miller

RISING STAR: Dr. J.D. Smith, UT associate professor of astronomy, was named a 2012 Cottrell Scholar by the Research Corporation for Science Advancement for his investigative work and teaching.

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Barnes & Noble

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be a book signing with one of UT’s mascots, Rocky, for his book titled *Here’s Rocky!*

Coupons will be handed out to the first 100 customers July 11 for specials in the bookstore, and patrons also can register to win prizes, including a NOOK Simple Touch, Starbucks gift cards, UT clothing and items, and more.

Special appearances will be made by Rocky, Rocksy, Blue Crew and the UT cheerleaders, and entertainment will be provided by the University’s radio station WXUT. Free samples from the convenience area will be served as well as select items from the Starbucks café, which is located in the University Bookstore.

The new Barnes & Noble will have a full-service Starbucks café with specialty coffee drinks, soups, bagels, cookies, hot pretzels, baked goods and more. It also will have a convenience area with snacks, drinks, and health and beauty aids.

The new expanded general reading area will provide customers with a comfortable, quiet place to sit and read. Books available will include more than just textbooks; best-sellers, bargain books and gifts will be

available on the new shelves.

There will be a new children’s area with an extensive title list and game section, with story time every Thursday at 11 a.m. beginning in August. Live performances and readings will occur in the café regularly — including performances by UT students.

The bookstore and café will be open Sunday from 11 a.m. to 6 p.m., Monday through Friday from 8 a.m. to 9 p.m., and Saturday from 9 a.m. to 9 p.m.



Photo by Daniel Miller

STACKING UP: Jessica Curtis, right, and Krista Huff put textbooks on the shelves at the new University Bookstore last week.

In addition to the Barnes & Noble bookstore, the Gateway Project will include Gradkowski’s Sports Grille, Jimmy John’s, Great Clips, YogurtU and other retailers. The

upper floors are Lofts at Gateway apartments for UT students. The 48 units will house 112 students in two- and four-bedroom modern, fully furnished apartments.

UT Medical Center to introduce comprehensive stroke network

By Tobin J. Klinger

Most people are familiar with the signs of a heart attack, but few fully understand the signs of a stroke. However, knowing the signs and putting yourself immediately in the hands of medical professionals who know how to react can make all the difference in achieving a full recovery.

The University of Toledo is raising the region's health care to a higher degree of healing with new neurovascular X-ray technology and a comprehensive stroke network that will enable more rapid identification and treatment intervention for patients who show signs of stroke.

UT Medical Center leaders will introduce a new team of stroke neurointerventionalists and showcase the new technology during a ribbon-cutting ceremony at 10:30 a.m. on Monday, July 9, in the cardiovascular laboratory.

If you or someone you love is experiencing symptoms like sudden numbness or weakness of face, sudden confusion, trouble speaking or understanding, trouble walking, dizziness, loss of balance or coordination, or sudden severe headache with no known cause, a neurointerventional specialist may be able to rapidly provide treatment using minimally invasive techniques to avoid the potentially devastating consequences of stroke.

"By developing this robust network that includes the expertise of these highly specialized physicians, UTMC is

able to bring to the community and the region the absolute best care for those suffering a stroke," said Dr. Scott Scarborough, senior vice president and executive director of UT Medical Center. "Our team approach is simply the best way to ensure that your loved ones have the greatest likelihood of identifying signs of stroke and limiting its damaging effects."

"Intervention is the key to limiting the effects of stroke," said Dr. Jeffery P. Gold, chancellor, executive vice president for biosciences and health affairs, and dean of the College of Medicine and Life Sciences. "By bringing together our outstanding group of neurologists and neurointerventionalists, and leveraging the latest technology, we are seeing in real-time what issues exist and are able to provide treatment unlike any other in the region. Simply put, if you show signs of a stroke, having access to an interventionalist significantly enhances your chance for full recovery."

The new Philips Allura Xper FD20/20 equipped biplane suite will be unveiled at the event. The machine offers the ability for a full "north-to-south/east-to-west" view of the brain, giving physicians a complete picture to the team that can react immediately.

Astronomy researcher

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"We've taught introductory labs in astronomy very much the same way for probably 25 years," Smith said. "The techniques used are often quite outdated, so that in many ways students are not fully engaged by the material."

Smith said he hopes to move a number of the labs into UT's Ritter Planetarium to utilize the unique capabilities of the new SciDome XD full-dome digital projector, a major renovation completed last year. He plans to share these lab modules with other institutions equipped with similar full-dome projectors.

With his astronomy colleagues, Smith also plans to continue hosting international astrophysics conferences at UT, following up the very successful "WittFest" meeting held on campus in 2010 in honor of Dr. Adolf Witt, Distinguished University Professor Emeritus of Astronomy.

Smith is one of three Cottrell Scholars from UT since the program's inception in 1994. Dr. Karen Bjorkman, dean of the College of Natural Sciences and Mathematics, won the award in 1999 in the field of astronomy, and Dr. Ale Lukaszew, UT assistant professor in the Department of Physics and Astronomy, won in 2004 in the field of physics.

This month, Smith will join other Cottrell Scholars in Tucson, Ariz., to discuss their research and collaborate on bringing that research into the classroom.

"In the end, research is about people — people curious about or even driven by a fundamental desire to understand the universe around them," Smith said.

UT Medical Center

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a series of questions on the Health Equality Index survey. Only 407 hospitals nationwide chose to respond, 35 of which were from Ohio. The Buckeye State had the third-largest amount of respondents, with California in first and Washington in second.

The Health Equality Index is sponsored by the Human Rights Campaign, America's largest civil rights organization working to achieve LGBT equality. The annual survey, now in its sixth year, consists of questions that determine whether a hospital meets the core requirements to become a leader.

"As health-care providers, we have a requirement to be inclusive of all diversity, and LGBT is one that has often been overlooked," said Norma Tomlinson, associate vice president and associate executive director at UTMC.

The 2012 requirements were the inclusion of the terms "sexual orientation" and "gender identity" in the written patient nondiscrimination policy, as well as in the employment nondiscrimination policy; an explicitly inclusive visitation policy that grants equal access to same-sex couples as well as same-sex parents; and training for key staff members in LGBT patient-centered care. All

questions in the survey related to one of these requirements.

"The core was really very easy to meet except for our employee training in LGBT patient-centered care," Tomlinson said. Last year, this requirement was the only thing that stood in the way of UTMC earning its status. She said this was made easier this year with the help of webinars provided by the Health Equality Index.

In order to meet the diversity training requirement, at least one management employee from the areas of administration, nursing leadership, service excellence, human resources and registration had to be educated and trained in LGBT patient-centered care.

"Even though this year the only requirement was educating these key members, we need to educate our staff so that everybody is welcoming to all of our patients and visitors regardless of their values, beliefs and lifestyle," Tomlinson said. "We need to educate all of our people — from registration to caregivers and others that interact with patients and their families."

The hospital's definition of family has changed thanks to the Health Equality Index, and in fact the current policies involving family have come directly from ideas



Photo by Daniel Miller

UTMC is a 2012 "Leader in LGBT Healthcare Equality"

promoted by the survey. One part of the visitation policy defines the term "family/visitor" as "a person who plays a significant role in an individual's life."

"When people come to registration, their first encounter with us, they have to pick their marital status — we have a choice called life partner," Tomlinson said. "Right there, you're setting up an open, welcoming environment."

Tomlinson has been working with Gore and the Office of Equity, Diversity and Community Engagement to make UTMC a leader for around three years now. Reaching this status has not only been a victory for UTMC, but for this office as well.

"It took a team to put this together, it wasn't just one or two people," Gore said. "I'm honored to be able to represent a number of people in the area of diversity, but it's hats off to the hospital directly; they're the ones doing the work on the front lines."

Tomlinson hopes to help make UTMC even more comfortable for patients of all diversities. In order for the hospital to keep its "Leader in LGBT Healthcare Equality" status, it must meet core requirements of the Health Equality Index every year.

"It's been a great journey to get here, and we still have more work to do, but we're excited to celebrate today and to roll up our sleeves and do more," Gore said.

UT offers integrated course with incarcerated students

By Samantha Watson

This fall, 15 UT students and 15 inmates at the Toledo Correctional Institution will come together to study the history and politics of mass incarceration through the Inside-Out Prison Exchange Project.

The course is designed to allow students, both inside and outside, to work together as equals in a classroom setting.

"People who are incarcerated are stigmatized, both culturally and structurally," said Dr. Renee Heberle, UT associate professor of political science. "In the larger scheme of things, the Inside-Out Project wants to break down the stigmas and the stereotypes and the barriers, using education as the vehicle."

Students in the course know one another on a first-name basis only, and the two groups are not allowed any contact outside the classroom. Anonymity is the most important rule of the class and violation of it is cause for expulsion. This policy is for the security and privacy of all students, inside and out.

"The reason that the inside students are incarcerated is irrelevant to the class and to the entire process," Heberle said. "We are not there to discuss why they're there, how they got there, or how long they should be there. We are there to be students together."

The first week of the semester, the two groups of students meet separately to answer any questions, get to know one another within their groups, and discuss rules. The next week, the two groups meet for the first time to do introductory and icebreaking activities.

They meet separately once again the third week to discuss first impressions and answer additional questions and concerns. Then all 30 students meet together once a week for the rest of the semester.

"That third separate meeting is sometimes the most moving of the term

because that's when people begin to realize and discuss openly why and how the anxiety and the tension that they thought was going to exist in the classroom is dispersed," Heberle said.

During class, students sit in a circle alternating inside and outside students to provide more integration. The discussions are led by students, while the facilitator or instructor guides them with assignments and exercises related to the readings.

The Inside-Out Prison Exchange Project is available for all majors. All students, inside and out, meet individually with faculty to determine whether they are mature enough for the program and ready for the experience.

Generally, only juniors and seniors are admitted, but sophomores and graduate students can be accepted if they show interest. The program can be adapted for grad students by giving them additional independent work.

In the past, the program has included a variety of courses, such as American History, Persuasive Writing and the Ethics of Public Policy. Currently, there is only one course per semester, but UT hopes to have more in the future.

The University has participated in the Inside-Out Prison Exchange Project since 2010 and has an active alumni group, People for Change. The group recently hosted the regional hub meeting for the Inside-Out Prison Exchange Project with a total 54 instructors and students from the Midwest.

UT students interested in participating in the program should contact Heberle at renee.heberle@utoledo.edu.

Visit www.utinsideout.org to read more about the UT program and the alumni group. Read more about the national program at www.insideoutcenter.org.

UT graduate receives paralegal award

By Samantha Watson

Julia Hanson, who graduated from The University of Toledo in May, is one of two recipients of the first National Association of Legal Assistants Certified Paralegal Scholarship Award.

The award recognizes students who excel in their academic paralegal studies and show strong professional leadership. It was presented by Delmar, Cengage Learning, a long-standing partner with the National Association of Legal Assistants.

Nominees from around the country were ranked based on references, achievements, course work, leadership and professional goals by an award selection committee of paralegal educators and program directors.

"I was really surprised, pretty excited and kind of in shock at first," Hanson said. "I'm honored."

She was chosen because she demonstrated a focused maturity, ethical values, creative problem solving and a strong work ethic. She also took initiative both in and beyond the classroom, as shown by her internship in Washington, D.C., in spring 2012.

Hanson applied for and was accepted into the Washington Center's Internship Program, which paid for her living expenses as she interned with Keith Watters & Associates, a personal injury and criminal defense law firm. After working with the firm for a semester, the firm decided to hire her as an official employee upon graduation.

"Having the energy and courage to apply for the Washington Center's Internship Program and to carry through with this incredible experience speaks volumes to Ms. Hanson's drive to be the best paralegal she can be," said Kathleen Reed, UT associate professor and director of paralegal studies.

Hanson is the first of Reed's students to complete the Washington Center's

Internship Program, and it was Reed who nominated Hanson for the National Association of Legal Assistants award after seeing the drive and passion she had for her paralegal studies.

"Professor Reed put all the work into it, so I owe her a lot of credit," Hanson said.

Hanson graduated in May from UT's Paralegal Studies Program with a 3.78 overall grade point average and a 4.0 in her paralegal courses. Her grades allowed her to be on the president's and dean's lists, as well as a part of the National Society of Collegiate Scholars and Phi Kappa Phi Honors Society.

Hanson also worked part time throughout her collegiate career and was a member of the Undergraduate Law Society and Paralegal Association of Northwest Ohio.

"Julia is one of the best and brightest students I have been privileged to have," Reed said.

The scholarship award will pay for Hanson's application to be admitted to the National Association of Legal Assistants Certified Paralegal Program. Delmar, Cengage Learning also provided Hanson with a Certified Paralegal Review Manual and a Certified Legal Assistant/Certified Paralegal Study Guide/Mock Examination, both published by Delmar, Cengage Learning.

The review books will assist Hanson with a certified legal assistant/certified paralegal exam she must take in order to become a certified paralegal; she plans to take the test in December.



Hanson

Gloriana

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are riding a wave of popularity and that will only grow when they release a brand new album, *A Thousand Miles Left Behind*, on July 31.

"Music Fest is becoming bigger and bigger," Burns added, "and the addition of Gloriana will make this year's festival one of the largest yet."

Gloriana will perform along with several other artists from 3 p.m. until midnight in the grassy area south of the Memorial Field House, adjacent to Centennial Mall.

One lucky local band will open the event after being selected through a Facebook-based contest. Fans can vote for that group and participate in the Local Band Challenge

by visiting www.facebook.com/utmusicfest through Saturday, July 14.

The complete band lineup for Music Fest 2012 will be unveiled when the contest winner is announced Monday, July 16.

For more information about Music Fest 2012, contact Amelia Acuna in the Office of University Communications at 419.530.5874 or Amelia.Acuna@utoledo.edu.



Roles of lifetimes challenge students in medicine, theatre

By Cynthia Nowak

“Mrs. Vasquez, the test results came back from the lab, and I’m afraid I have some bad news.”

Even seasoned medical professionals may dread the moment when those conversations with their patients become necessary. Training helps, which is why all disciplines of medical study include interviewing classes. Optimum realism is provided by standardized patients: individuals trained to simulate symptoms or issues likely to be encountered in actual clinical settings.

At UT, physician assistant students have been finding those simulations intense, challenging — and a surprising amount of fun — thanks to an interdisciplinary collaboration between the College of Medicine and Life Sciences and the College of Visual and Performing Arts.

The result is a professional encounter between students of Dr. Vivian Moynihan, assistant professor of physician assistant studies, and those of Irene Alby, associate lecturer of theatre. The physician assistant students are enrolled in Moynihan’s Principles of Interviewing and Medical History class; the theatre students provide the syndromes, symptoms, concerns, questions and sometimes feisty opinions of the standardized patients.

“The theatre students’ participation have made the course almost entirely experiential, which a medical interviewing course needs to be,” Moynihan said. In a team approach, two physician assistant students conduct the interview, two others serve as peer evaluators; at the next interview, roles are reversed.

The most challenging interviews — those involving a patient’s sexual history, for instance, or ones conveying a negative medical outcome — are included.

“It’s a great way to practice such situations in a safe environment,” Moynihan

said. “The teams didn’t know what the bad news would be until they walked in the door, then it was changed when the teams flipped. That allowed a wide range of emotions.

“The theatre students did not make it easy for the physician assistant students — and physician assistant students thought it was great.”

Physician assistant student Kelly Dooley recalled the unexpected realism when an actor played it angry: “I don’t know what came over me. I held it together during the interview, but afterwards I started crying because I was unprepared for that kind of emotion. It’s not you, it’s just that patients can be feeling bad, not in a great mood. It was awesome, working on communicating with them.”

From Alby’s perspective, the class is an opportunity for actors to hone their craft: “The use of standardized patients — and in other fields, mock trials and business simulations — are real ways that actors can find work.”

When Moynihan initially called with the idea, Alby said, the two immediately connected: “We decided we had to make it happen.”

The theatre students who participated in spring semester, she added, began by providing backstories for the medical scenarios Moynihan had created. “When you play a hostile patient, an actor wants to know the reason for the hostility,” Alby explained. “Our goal was to be as honest as possible. Acting is always about reality, but there are different styles of acting — some with heightened reality, some that are funny. In this case, the students had to be absolutely real without any of the craft showing.



Photo by Daniel Miller

STAYING IN PATIENT: Kelly Dooley, left, and Andrea Harris created a medical interview that provides a professional stretch for both.

“Sometimes, real can be pretty extreme, but there had to be the sense each interview was reality, happening at that moment.”

Moynihan, who previously had relied on second-year physician assistant students to serve in the roles, praised both the increased realism and the intensity of the experience for both groups of students in the class, which will next be offered fall semester.

“The sense was that this was real,” she said. “The physician assistant students really valued the upperclassmen helping, but they’d act with an eye toward the medical technicalities. With the theatre students, it’s much more like a real patient interview.”

“You could see [the physician assistant students] nail something the second time that they’d missed the first time, or becoming more

humanized rather than completely medical,” said Andrea Harris, a theatre/film major who participated. “And as actors, we were being challenged, growing in our characters. In one case, I had to find ways to portray pain I had never felt. There was a lot of improv in what we did.”

Alby, who has developed a theatre course devoted to standardized patient service, speaks for all actors when she exulted, “Finally, there’s an understanding that the type of skills we have are compatible with a field that on the surface seems so different.”



CELEBRATING START OF RENOVATION: Posing for a photo at last month’s groundbreaking for a renovation project to create UT Medical Center’s Gardner/McMaster Parkinson’s Center were, from left, Dr. Lawrence Elmer, professor of neurology and medical director of the Center for Neurological Health, and benefactors Philip Gardner, Helen McMaster and Michael Gardner. The nearly 6,000-square-foot center will be named to recognize the generous donations from the family of Findlay businessman Philip Gardner, as well as the Harold and Helen McMaster Foundation. In addition, the Parkinson’s Foundation of Northwest Ohio has raised more than \$160,000 to help offset the approximately \$1.35 million in renovation costs.

Photo by Daniel Miller

Avian monitoring system hatches opportunities for College of Engineering

By Cynthia Nowak

Wind turbines to generate electricity are sprouting up coast to coast, as are concerns over their effect on bird populations. Now that turbine developers are exploring sites along Ohio's lakeshore — with its teeming waterfowl population and famed songbird migration routes — the need for solid research on the issue becomes apparent.

The UT College of Engineering is partnering with Bowling Green State University on exactly that. In a study that's part of the Coastal Ohio Wind Project and funded by the U.S. Department of Energy, UT is providing the technological support for Bowling Green researchers who are collecting data on bird and bat migrations. Despite their use of sonar to skirt obstacles, bats can be affected by barometric pressure changes around the turbines' revolving blades.

Dr. Mohsin Jamali, UT professor of electrical engineering and computer science, explained the three-pronged approach the department is taking to assist BGSU researchers: "We're using acoustics, recording the bird and bat calls for analysis. Then infrared photography provides the X and Y coordinates — where the animals are. Finally, modified marine radar gives information that includes elevation and travel velocity."

The goal, he added, is to design a comprehensive monitoring system, then miniaturize it for use in offshore turbines so that migration data can be continuously transmitted to researchers. Presently, the equipment is carried from site to site in a small truck.

Dr. Jeremy Ross, BGSU wildlife biologist, has collected two seasons of data being analyzed by UT engineering. He spoke for this story after pulling an all-nighter assembling data in a deployment area at the mouth of Crane Creek in eastern Lucas County, on the border between Ottawa National Wildlife Refuge and Magee Marsh Wildlife Area.

As he explained, "We're using these various tools to assess what's going on at the lakeshore transition zone, an area known globally for songbird migrations. It's also a breeding ground for other species.

"A lot of the expense of projects like this lies in analyzing the data. We don't have the staff to spend hundreds of hours tracing by hand the blips on a radar screen that represent birds or bats, so we needed the development of an algorithm that could track the blips and provide the heading, altitude and relative size of the target. That's where the computer engineering comes in, being able to deal with many gigabytes of data."

"Jeremy tells us what he wants to see, then we produce it," added Jamali, who has nearly a dozen doctoral, master's and undergraduate students working with him. "We've developed software in-house that's superior to the commercial version."

In the process, the team may end up creating technology less expensive than typical monitoring equipment, making it attractive to other research teams with relatively small budgets.

Jamali noted that applications for the software go further. He's involved in a bird

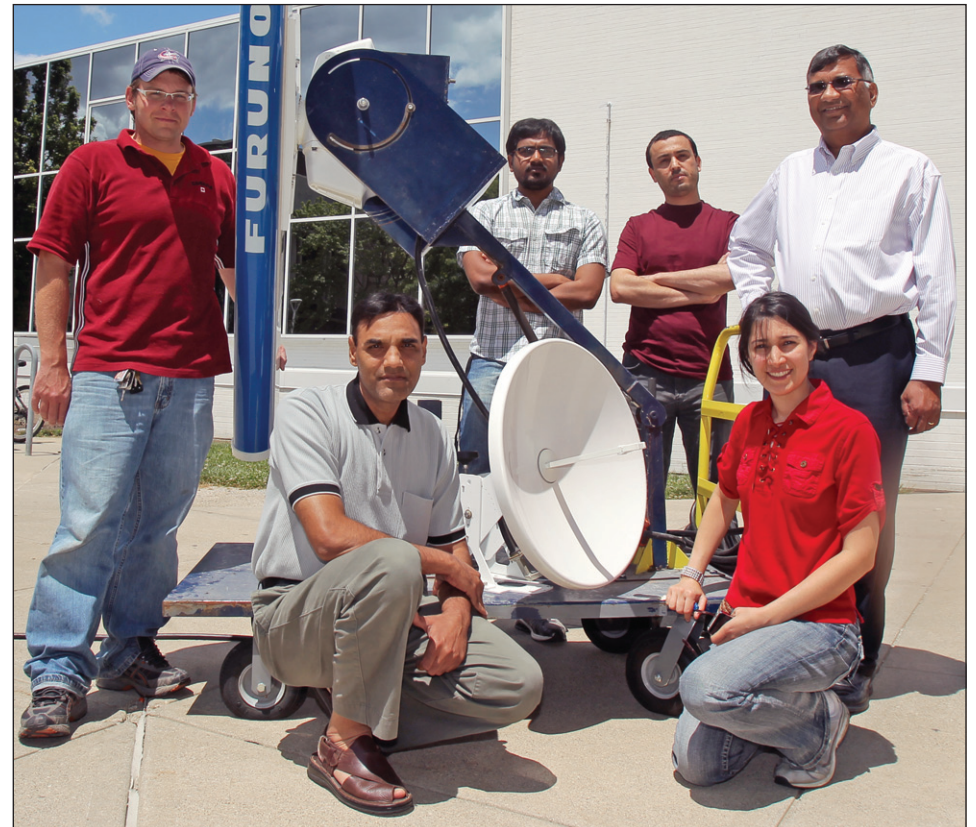


Photo by Daniel Miller

MONITORING THE SKIES: Providing technological support for BGSU researchers to collect data on bird and bat migrations are, from left, Dr. Jeremy Ross; UT engineering students Mohammad Wadood Majid, Vamshi Gummalla, Amin Jarrah and Golrokh Mirzaei; and Dr. Mohsin Jamali, who posed with project equipment.

strike project, which addresses the increasingly headline-grabbing problem of collisions between aircraft and birds or bats in flight.

"All the work on this project is applicable to bird strikes as well," Jamali said, adding that he's working on a related proposal with Dr. Peter Gorsevski of BGSU, the principal investigator for the turbine project. Drs. Joe

Firazado and Vern Bingmant are the other BGSU team members.

Wind turbines will become common in this area, Ross said. "It's important to have the facts early so that animal migrations can be addressed. Ohio is taking the right tack by emphasizing pre-assessment before wind turbines are built."

Free screening of part of 'Weight of Nation' slated for July 25

The University of Toledo is part of Live Well Greater Toledo, a collaboration of leaders coming together to improve access to physical activity and nutrition.

Live Well Greater Toledo will present a film screening of "Children in Crisis" from the HBO documentary, "The Weight of the Nation," Wednesday, July 25, from 6 to 9 p.m. at Owens Corning, 1 Owens Corning Parkway.

"The film offers an in-depth look at obesity and will be followed by a discussion about how we can work together for solutions locally and nationally," said Vicki Riddick, UT senior wellness officer.

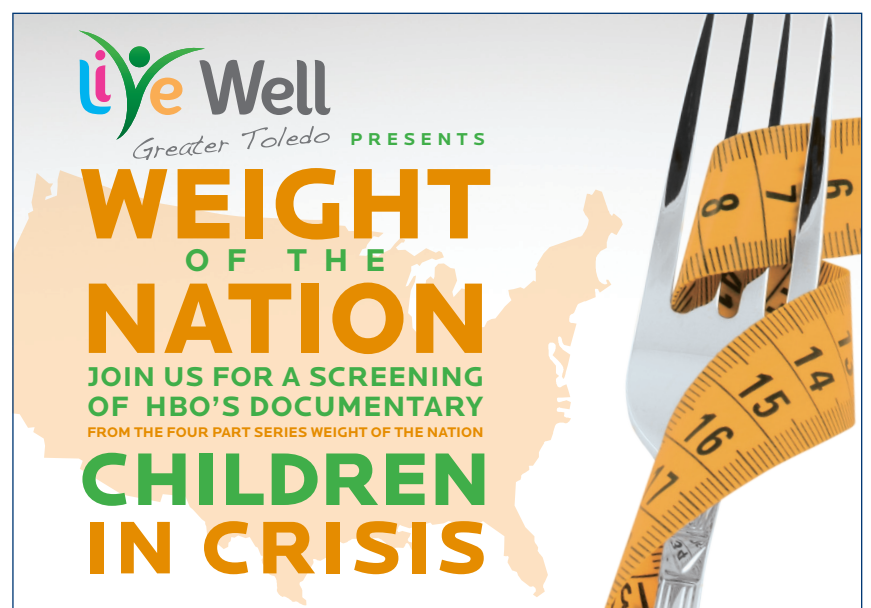
"This will be an excellent opportunity for you to join our efforts to improve nutrition and physical activity, and work toward improving the health of our community," Riddick said.

Community leaders will be on hand to address this health issue and help participants learn more about maintaining a healthy lifestyle, and contribute to recommendations on how local businesses and other organizations can improve the community to empower individuals and families to make healthier choices.

"The Weight of the Nation" is a presentation of HBO and the Institute of Medicine, in association with the Centers for Disease Control and Prevention and the National Institutes of Health, and in partnership with the Michael & Susan Dell Foundation and Kaiser Permanente.

Space is limited; RSVPs are requested by Monday, July 23, to utmc.utoledo.edu/livewell.

For more information on the free, public presentation, call 419.729.8135.



Discover downtown Toledo with summer walking tours

By Aaron Horn

Explore what downtown Toledo has to offer this summer with free lunchtime walking tours Thursdays through Aug. 30.

All Discover Downtown Walking Tours will be held from noon to 1 p.m. The tours will showcase great Toledo locations like the Casey Pomeroy House and Uptown.

“Too often Toledo area residents get caught up in negativity and lose sight of Toledo’s many positive qualities,” said Sue Wuest, assistant director of the UT Urban Affairs Center. “The Downtown Toledo Walking Tours give us all a chance to take a closer look at what makes our city beautiful and unique. Take a tour this summer and you will come away with a renewed appreciation for our rich history and our architectural wonders.”

Tours will take place rain or shine and are sponsored by The University of Toledo Urban Affairs Center and the Toledo-Lucas County Public Library.

The tour schedule is:

- July 12: Vistula’s Superior Street. Meet at 1107 N. Superior St.
- July 19: One Lake Erie Center. This location is the former Lamson’s Department Store at Jefferson Avenue and Erie Street. Meet at the Erie Street entrance.
- July 26: Standart Lofts in the Warehouse District. Meet at 34 S. Erie St. and park in the former Erie Street Market parking lot.
- Aug. 2: Toledo Museum of Art Architectural Tour. Meet at the museum, 2445 Monroe St., at the Monroe Street entrance.
- Aug. 9: Extreme Makeover — The Casey Pomeroy House. Meet at 802 Huron St.

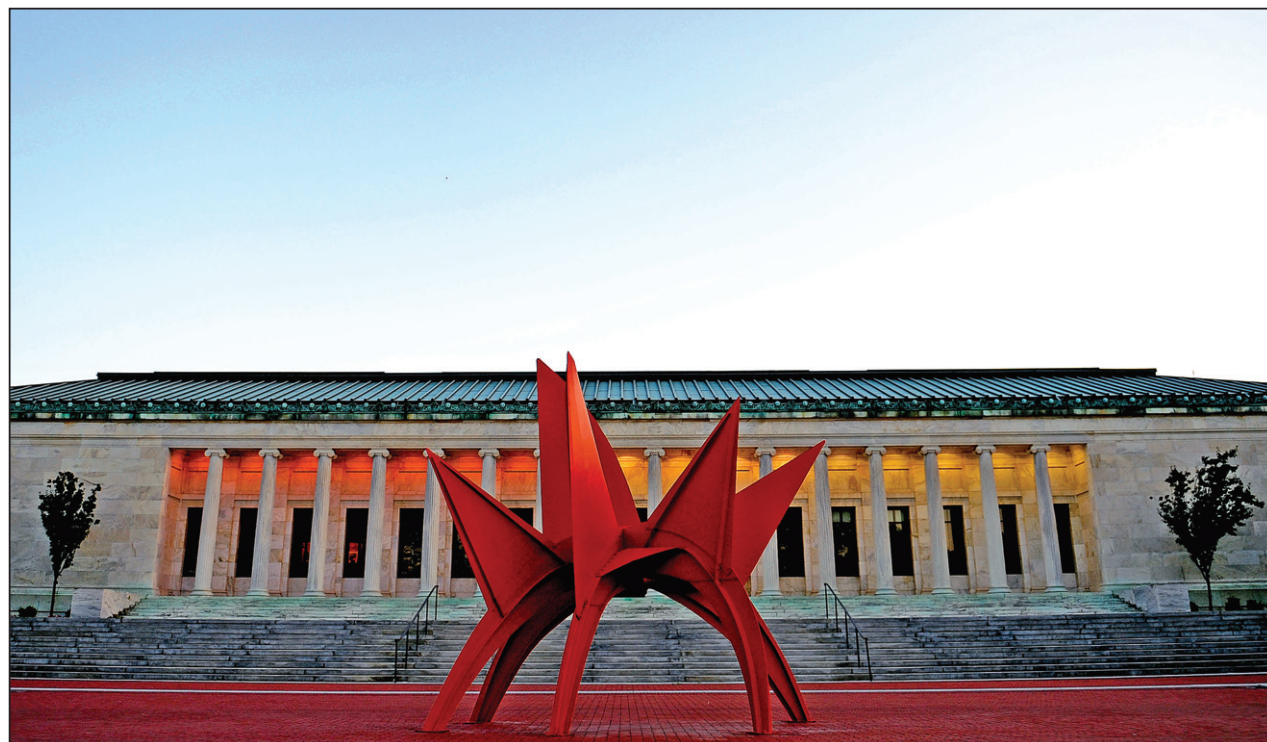


Photo by Andrew Weber

ARTFUL STROLL: Meet at the Toledo Museum of Art, 2445 Monroe St., Thursday, Aug. 2, and learn more about its architecture during a summer walking tour.

- Aug 16: Courthouse Square. Meet at 700 Adams St. at the McKinley Statue.
- Aug 23: Discover the Oliver House. Meet at 27 Broadway St. at the entrance to Maumee Bay Brewing Co. in the parking lot.
- Aug 30: Uptown. Meet at 14th Street and Madison Avenue.

For more information about the Discover Downtown Walking Tours, contact Irene Martin at the Toledo-Lucas County Public Library at 419.259.5233 or irene.martin@toledolibrary.org.



Photo by Daniel Miller

SOAKING UP THE SUN: A student relaxed and studied on Centennial Mall.

THE BLADE AND HUNTINGTON PRESENT THE 20TH ANNUAL
UT ALUMNI ASSOCIATION OUTDOOR JURIED ART FAIR

ART ON THE MALL

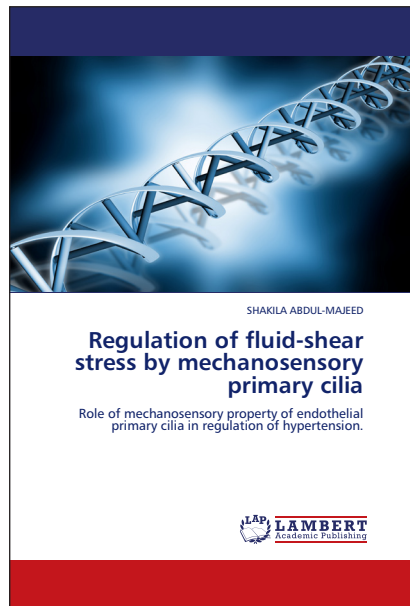
TWENTY YEARS

JULY 29, 2012
10 A.M. until 5 P.M.

Stay-at-home mom gets PhD, has dissertation published

By Samantha Watson

When Dr. Shakila Abdul-Majeed came to America in 1991, she stayed at home to raise her kids even though she had received her master's degree in organic chemistry in India and worked there for eight years.



She is married to Dr. Abdul-Majeed Azad, professor in the UT Department of Chemical Engineering.

She attended graduate school at The University of Toledo, where she switched her studies from organic chemistry to cell biology.

Five months after receiving her PhD in December, Abdul-Majeed was notified that Lambert Academic Publishing, which publishes dissertations, research projects and theses for free, had seen her dissertation on OhioLINK and wanted to publish it.

"It's really nice to know that somebody I don't even know has been able to look at my work and deemed it fit to be published as a book," she said.

For her dissertation, Abdul-Majeed studied the cilium of endothelial cells, which is a sensory organelle found on the apical surface of mammalian cells. Her research was based on the connection between malfunctioning cilia and different diseases that were connected to it, such as polycystic kidney disease.

Abdul-Majeed is now doing postdoctoral research on the genetics of pathophysiological conditions such as hypertension using various congenic rat models. The group of researchers she is working with are involved identifying various genes and genetic factors that cause hypertension.

But when her oldest son graduated from Ohio State in 2006, she decided it was time for her to go back to school and get her PhD.

"I told my husband, 'I have taken care of the kids, now I want to do what I want to do for myself,'" Abdul-Majeed said.



IN THE LAB: Dr. Shakila Abdul-Majeed is conducting postdoctoral research on the genetics of pathophysiological conditions such as hypertension.

"I love my work; I enjoy my work very much," Abdul-Majeed said. "It's a pleasure to come to work every day."

Abdul-Majeed said she is thankful for her supportive husband and children, and especially her PhD adviser, Dr. Surya Nauli, and postdoctoral adviser, Dr. Bina

Joe, associate professor and professor of physiology and pharmacology, respectively, who answered all of her questions and guided her through the process of both her PhD and research.

AFSCME Local 2415, UT finalize contract extension

By Jon Strunk

Members of American Federation of State, County and Municipal Employees Local 2415, the collective bargaining unit representing nearly 2,000 University of Toledo employees on Health Science Campus, voted June 27 to approve a one-year contract extension.

The UT Board of Trustees previously had approved the extension at its June 18 meeting.

"The reason our hospital is recognized as the best in the region is due to the commitment of our employees to ensuring patients receive university-quality care," said Chuck Lehnert, vice president of administration. "I want to thank all AFSCME members for their leadership and their daily efforts to make UT an incredible organization."

Randy Desposito, president of AFSCME Local 2415, said the agreement amounted to a win-win situation.

"Our membership spoke," Desposito said of the vote in favor of the extension. "Everyone knows these are tough economic times, and we worked hard to reach an agreement that protected our membership. We look forward to working with the University as we strive to keep our hospital No. 1 in our community and in the region."

The extension maintains the terms of the final year of AFSCME's current contract that expires June 30, 2012, and extends those terms to June 30, 2013.



Photo by Daniel Miller

Chuck Lehnert, UT vice president of administration, left, George Tucker, regional director of AFSCME, center, and Randy Desposito, president of AFSCME Local 2415, signed a contract extension on behalf of UT and the American Federation of State, County and Municipal Employees Local 2415. The contract extension will expire June 30, 2013.



Photo by Daniel Miller

GOING UP: This Bradford pear tree is one of several varieties transplanted from lot 25 by Rocket Hall due to construction for the new parking area. Two Bradford pears and one sweet gum are taking root in the Student Union bus circle, an oak and an elm were relocated in the area south of Memorial Field House, and a black gum and red oak were moved to the Flatlands. In addition, several new trees recently were planted on Main Campus; varieties include dawn redwood, red maple, Zelkova and quince. "Trees are selected that are native to the region that will easily adapt to the area. We also try to plant different varieties and avoid multicultural plantings, which will reduce the chance of one pest taking out a major grouping of trees," said Doug Collins, director of facilities and grounds services. "We continue to make improvements to ensure the overall campus appearance, which supports UT recruitment."

UT College of Business schedules open house for Executive MBA Program

By Bob Mackowiak

The University of Toledo College of Business and Innovation will hold an open house for those interested in the Executive Master of Business Administration (EMBA) Program the morning of Saturday, July 14.

Participants at the free open house will have the opportunity to learn more about the program, meet faculty and current students, and experience an actual class session.

Advance registration is required. For more information, contact Darlene Miller at 419.530.7982 or email EMBA@utoledo.edu.

The College of Business and Innovation offers one of the most accelerated EMBA programs in America, enabling working professionals from across the region to complete their degrees in 12 months. During these 12 months, students have unprecedented opportunities, including:

- Interaction with dedicated, recognized and highly qualified faculty teaching in the EMBA Program;
- Individualized executive coaching to enable student success;
- Networking that will provide students with professional connections;
- Online and on-site classes that offer a great deal of flexibility;
- An iPad, making it easier for students to connect with class colleagues and work on projects together; and
- International study trip (seven to 10 days) that combines company meetings, cultural immersion and firsthand observation of how business works in the international setting.

The Princeton Review has recognized the graduate programs, including the EMBA, in the UT College of Business as among the best since 2008. The college is ranked No. 2 in the nation by the U.S. News & World Report in the area of student services and technology, and offers one of the most effective and efficient blended models of on-site and online courses, with classes meeting on campus just one weekend per month.

In memoriam

Drew A. Cleghorn, Maumee, a junior who was majoring in accounting in the College of Business and Innovation, died June 22 at age 19 after an accident.

Dr. Cloyd A. Payne Jr., Toledo, died June 26 at age 72. He was a part-time faculty member in the Department of Mathematics and Statistics, where he taught since 1986. Payne received his doctorate from UT in 1978.

Clara E. Corona, Toledo, a former UT employee, died June 25 at age 85.

Mary M. Durfy, Allen Park, Mich., died June 22 at age 94. For more than 20 years, she was a volunteer with the Satellites Auxiliary and worked in the former MCO gift shop.

Tyler A. Earle, Ottawa Lake, Mich., a sophomore in the Judith Herb College of Education, Health Science and Human Service, died June 26, at age 21 after a motorcycle accident.

Josephine A. (Ulibarri) Hibbeln, Ogden, Utah, UT associate professor of nursing science for 30 years, died June 19 at age 77. She received a master's degree in nursing in 1989 and a nurse practitioner certification from MCO.

Lucille R. Laskiewicz, Toledo, a former employee of the UT Bookstore, died July 1 at age 87.



Hibbeln

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Library concerns about open-access publishing revealed in survey

By Samantha Watson

A survey conducted by the UT Open-Access Steering Committee discovered that many of the participants had misunderstandings of the open-access method of publishing their research.

The committee, organized by Lucy Duhon, scholarly communications librarian and chair of the library faculty, surveyed UT faculty, researchers and teaching assistants on Main and Health Science campuses in an effort to gauge their interest in and understanding of open access, which is a method of sharing scholarly information, research and knowledge with few or no limitations or restrictions.

One of the main concerns faculty members had with publishing their research in an open-access journal, rather than a subscription-based journal, was the thought of articles not being peer-reviewed.

According to the survey, 77 percent of respondents said that being published in

a respected peer-reviewed journal is very important, particularly when a faculty member is up for tenure or promotion.

The truth is many open-access journals are actually peer-reviewed, according to library officials.

Another concern expressed by faculty members surveyed is the protection of their intellectual property, a concern shared by 46 percent of the participants. But library officials noted the publication of articles in an open-access journal often makes plagiarism easier to detect and easier to prove.

Out of the 83 respondents to this survey conducted last fall, 51 percent considered it very important to be published in the most highly ranked journals in their fields, and many did not know of any open-access journals in their field.

The Directory of Open-Access Journals, available at www.doaj.org, lists thousands of peer-reviewed journals in use, library officials

noted. Also some subscription-based journals are becoming “hybrid” journals that utilize both subscriptions and open access.

“The stage is being set for the mainstreaming of the open-access model of publishing,” Duhon said. “Publishers, even traditional ones, are beginning to recognize that the tide is moving inevitably in this direction, and universities all over have already adopted policies making open access the preferred mode of scholarly communication and preservation.”

A majority of the survey respondents considered the discoverability of their work by a wide audience and the citing of their work by other researchers very important. “The whole point of publication is to reach a wide audience,” one of the respondents wrote.

Some of the survey participants are using open access to reach wider audiences; 47 percent reported having published articles in open-access journals, and 24 percent

used open-access publications in their own research.

Duhon also said there’s a good chance the Federal Research Public Access Act will be passed in the future, immediately broadening the amount of taxpayer-funded research made available to the public. “The pieces are coming together from many different angles,” she said.

The survey was conducted as part of the fifth annual Open-Access Week, an international event sponsored by the Scholarly Publishing and Academic Resources Coalition, in October 2011. UT’s Open-Access Steering Committee will be planning events for this fall’s Open-Access Week.

To see more of the survey’s results, visit Carlson Library’s blog at mulford.utoledo.edu/carlsonblog or openaccessweek.org to learn more about Open-Access Week.



Photo by Daniel Miller

Professor sends students to White House Science Fair

By Aaron Horn

Have you ever dreamed of presenting your hard work to the president of the United States of America? A University of Toledo faculty member has given K-12 students a chance to do just that.

Dr. Kevin Czajkowski, UT professor of geography, created the program SATELLITES, which is an acronym for Students And Teachers Exploring Local Landscapes to Interpret the Earth from Space, to bring together students, teachers and scientists to enhance science and technology education.

“The goal of this program is for students to build confidence and gain experience doing research,” Czajkowski said. “Once that happens, we want them to take what they learn and present it elsewhere.”

Czajkowski has partnered with the Globe Program, which is a worldwide body that encourages students to be hands on with science and design protocols and activities for their peers. Together, they nominated students from Huntington High School in Huntington, W.Va., and O.W. Holmes

Elementary-Middle School in Detroit to attend President Barack Obama’s White House Science Fair in February.

NASA officials selected the students to be a part of this special science fair. Students were able to present their research in front of the president.

“I never thought I’d meet the president. I only thought I’d maybe see him from far away,” O.W. Holmes School student Suzan Shalhout told The Huffington Post. “But I never thought I’d be able to talk to him and shake hands with him. He said, ‘Keep up the good work’ to me.”

Shalhout presented research about the water quality in southeast Michigan communities, and the students from Huntington High School — Ben Jones, Emily Waybright and Derek Carson — presented their studies on how surface temperature is affected by clouds.

“The students gained a lot of experience and created a wonderful memory at the same time,” Czajkowski said.

UP ON THE ROOF: Work continues on a new roof at UT Medical Center. The “Built-Up-Roof” system being installed is composed of several waterproof layers made of asphalt and is expected to last 30 years.

Easier employee tuition fee waiver process

By Aaron Horn

The University of Toledo Human Resources and Talent Development Department has implemented an online process for submitting tuition fee waivers.

Employees of the University who are eligible to participate in the tuition fee waiver benefit for themselves, spouses, domestic partners or dependents now can submit waivers online, which is easy and less time-consuming. Previously, employees were required to complete a paper form for each family member registered for each semester.

"This new system is faster and leaves less room for error," said Laura Miller, director of benefits.

Employees can access the tuition fee waiver registration through the myUT portal in the employee tab. You must have your UTAD username, password and Rocket

number for each person who will use the tuition fee waiver. The student must be registered prior to submitting the waiver.

This is phase three of the Benefits Department enhancing its processes to assist employees in submitting information to participate in University-provided benefits.

"This conversion is a great way to cut costs and help the University's effort to be green," Miller said.

Online open enrollment was implemented in October 2011 for 2012 benefits, online new hire enrollment was implemented in January, and the online tuition fee waiver process has been implemented for fall semester.

For more information on the tuition fee waiver and eligibility, visit the Human Resources and Talent Development website at <http://utole.do/17>.

Soccer player

continued from p. 1

competitions are a knockout format: The two winning semifinalists will play for the gold medal at Wembley Stadium, with the two losing semifinalists facing off for the bronze.

Gaitàn recently had a few moments of free time in between training sessions and wrote this for utrockets.com:

Our team started its third and final week of camp last week, and we traveled to Switzerland Thursday, July 5, before heading to Glasgow. In Switzerland, we played four friendly matches against Canada, Cameroon, Brazil and New Zealand, all teams that qualified for the Olympics.

Following those friendly contests, we will make our way to Glasgow, where we will play our first two Group G matches against North Korea (July 25) and the United States (July 28) in Hampden Park (52,103 capacity), before traveling to Newcastle to play France (July 31) in St. James' Park (52,387 capacity).

Although I haven't been home much since arriving back in Colombia, it has been great to be in my city and country. I've had the chance to see my family almost twice a week, and

the team is my family at this moment. Practices have been really hard, as we have run a lot and I just can't wait to play with those games.

It's going to be amazing to get to Glasgow and live all the experiences of the Olympics. A couple of weeks ago, a Colombian athlete that is going to compete in his third Olympics came and talked to us about his experience. It was amazing to hear about his journey, and we all started to imagine how things are going to be over there. For sure, this is something I will never forget, and I hope we can do a very good job as a team.

Something new is that we have had a lot of media contact with TV stations, newspapers, interviews and events. We all have done that for these past two months, and we love that the country knows where we are going and that they cheer for us. Besides this, not much has happened over here. Our life is to sleep, eat and play soccer.

Check with utrockets.com later this month for additional updates from Gaitàn in London.

EMPLOYEE TUITION FEE WAIVER ONLINE

Employees of the University who are eligible to participate in the Tuition Fee Waiver benefit for themselves, spouses, domestic partners or dependents can now submit their waiver online.

myUT click:
"Tuition Waiver"
utole.do/feewaiver



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Look for the next issue of UT News July 23

UTNEWS

UT News is published for faculty, staff and students by the University Communications Office weekly during the academic year and periodically during the summer. Copies are mailed to employees and placed in newsstands on the Main, Health Science, Scott Park and Toledo Museum of Art campuses. UT News strives to present accurate, fair and timely communication of interest to employees. Story ideas and comments from the UT community are welcome. Send information by campus mail to #949, University Communications Office, Vicki Kroll. E-mail: vicki.kroll@utoledo.edu. Fax: 419.530.4618. Phone: 419.530.2248. Mailing address: University Communications Office, The University of Toledo, Toledo, OH 43606-3390.

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Read UT news at utnews.utoledo.edu and myut.utoledo.edu.

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Bicyclist receives award for Pan Ohio Hope Ride, another available for UT student

Ben Spang, a Toledo resident attending Pomona-Pitzer College in Claremont, Calif., recently received the 2012 Pan Ohio Hope Ride Young Rider Scholarship award.

Pan Ohio Hope Ride is an event that supports the American Cancer Society and its mission to create more birthdays. It is a four-day ride that is 328 miles long. The riders cycle from Cleveland to Cincinnati and along the way stop at two lodges.

The Young Rider Scholarship will provide the registration fee for Spang to bike in memory of Fritz Walker, who recently lost his battle against cancer.

"Fritz was an avid bike rider so it is suiting that in his memory this scholarship was presented," said Walker's sister, Anne Creech, who has worked on behalf of the American Cancer Society to further its mission for a cure.

Creech is a three-time cancer survivor who has spoken of her fight against cancer at the Statehouse, the White House and to cancer patients.

Spang received the 2012 Pan Ohio Hope Ride Young Rider Scholarship at UT Medical Center from Dr. Stephen Roberts, coordinator for the health promotion and

education major in the Master of Public Health Program in the Department of Health and Recreation Professions.

There is an additional Pan Ohio Hope Ride Scholarship to award to a first-time rider UT student who is willing to complete four days from Cleveland to Cincinnati. The recipient will raise funds to help fight against cancer. The second scholarship will be given in memory of Judy (Kirker) Accettola, a 1981 law alumna of the UT College of Law, who also gave her time in an effort to find a cure for cancer.

Students interested in riding the Pan Ohio Thursday through Sunday, July 26-29, who would like to apply for the second award should contact UT alumnus Mike Vanderhorst at mavandy@sbcglobal.net. The applicant should indicate why he or she

would like to ride and how he or she would raise funds for the fight for a cure.

Vanderhorst is the coordinator for the scholarship funds. He hopes that there will

be enough interest in northwest Ohio to start a leg of the Pan Ohio Hope Ride at UT.

For more information about the Pan Ohio Hope Ride, visit panohiohope ride.org.



Photo by Daniel Miller

READY TO ROLL: Ben Spang, third from left, received the 2012 Pan Ohio Hope Ride Young Rider Scholarship from Dr. Stephen Roberts, far left, Mike Vanderhorst and Anne Creech.



FORE! Former Indiana assistant Jamie Broce, right, has been hired to be the UT head men's golf coach. He replaces Jamie Mauntler, who resigned in May after serving nine years at the helm. Broce, who played golf at Ball State, was a touring professional for nine years before coaching at Indiana under Head Coach Mike Mayer for the past four seasons. In Broce's four seasons at Indiana, the Hoosiers compiled an impressive track record. The past season, they finished in second place at the Big Ten Championships and advanced to the NCAA Regionals, where they finished in ninth place. The squad also received special academic recognition from the NCAA for finishing in the top 10 percent in the country in Academic Progress Rate. "Toledo has such a great golfing heritage, both at UT and in the community," Broce said. "When I was in school, Toledo had a terrific program, one of the best in the MAC. I'm looking forward to working with the players who are there now and developing the program in the years to come. There is a great opportunity for success at UT, and I can't wait to get started."

Rocket football to host golf outing July 27

By Paul Helgren

The University of Toledo football program will host its 12th annual golf outing Friday, July 27, at Stone Oak Country Club in Holland, Ohio.

The outing gives fans a chance to golf with Rocket coaches and former Rocket football players, and allows former players to re-connect.

Other highlights will include raffle prizes and an auction of Rocket football items.

There also are opportunities for hole sponsors. All proceeds will benefit the Rocket Fuel Program.

Registration and lunch will begin at 11:30 a.m. with the shotgun start following at 1 p.m. The dinner reception and auction will take place about 6 p.m.

For more information, call Adam Salon, director of football operations, at 419.530.3500 or email adam.salon@utoledo.edu.