

Art and soul



Photos by Daniel Miller

Some 10,000 to 12,000 came to Centennial Mall last month and checked out the 22nd annual Art on the Mall. More than 100 artists showcased and sold their work at the event that has become a perennial favorite with live music and festival food.



UT presidential search committee members named

By Jon Strunk

University of Toledo Board of Trustees Chair Joseph Zerby announced the members of the search committee that will recommend an unranked slate of presidential candidates to the board for its selection.

Zerby will serve as chair of the search committee, and Board Vice Chair Sharon Speyer will serve as vice chair of the committee.

“This is a committee representing the broad diversity of The University of Toledo and the expansive impact it has on so many groups of people,” Zerby said. “The committee includes students, faculty, staff, alumni and donors. It has representatives from colleges and departments across UT’s campuses, and it reflects the University community in terms of ethnicity, viewpoint and professional experiences.”

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National course work



Photo courtesy of the Professional Golfers' Association of America

UT Men's Golf Coach Jamie Broce will compete in the 96th PGA Championship this week at Valhalla Golf Club in Louisville, Ky. He qualified for the tournament, which will begin Thursday, Aug. 7, with a runner-up finish at the PGA Professional National Championship in June in Myrtle Beach, S.C. Broce was one of several players profiled on “The Road to the PGA Championship,” which aired on CBS and the Golf Channel. Entering his third season at the helm of the Rockets' program, Broce has guided Toledo to second- and third-place showings at the Mid-American Conference Championship in each of his first two seasons.

Researcher develops method to test saliva for fatigue

By Meghan Cunningham

A small sample of saliva could help determine if a surgeon is too exhausted to perform a complicated procedure or a fighter pilot is too fatigued to get in the cockpit for a mission.

Dr. David Giovannucci, associate professor of neurosciences in The University of Toledo College of Medicine and Life Sciences, is leading a study to determine biomarkers present in your mouth that can be easily and safely measured to determine level of fatigue.

“There is no ‘gold standard’ used to measure fatigue, but there are many individuals, such as health-care providers, pilots and truck drivers, who perform tasks for long periods of time and need to be able to make critical decisions without fatigue impacting performance,” Giovannucci said. “Currently people self-report and, as you might imagine, that is inaccurate. Someone may say they are doing fine and actually

feel that way, but in reality they shouldn't be performing.”

There are chemical signatures in body fluid that change in response to stress and fatigue. Saliva is a useful biofluid because it reflects what is in your blood, but is easy and noninvasive to collect, Giovannucci said. The salivary glands are under the same neural control as the adrenal gland and can therefore be used to assess sympathetic neural activity, he explained.

Giovannucci's research involves periodically collecting saliva from study participants, primarily medical residents at UT Medical Center, and administering psychological tests to correlate chemical markers of fatigue with performance ability.

The saliva samples will be studied using an immunoassay technique for proteins, peptides, steroid hormones and other common markers of stress and fatigue, such as cortisol and salivary amylase. The

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UT cardiologist named next medical dean

By Jon Strunk

The new University of Toledo dean of the College of Medicine and Life Sciences won't have to worry about getting to know the campus.



Cooper

Interim President Nagi Naganathan announced last week that Dr. Christopher Cooper, UT chair of the Department of Medicine, has been selected following a national search

to lead the college, pending approval by the Board of Trustees.

"Dr. Cooper is one of our most dedicated clinicians, teachers and medical researchers. We've been incredibly fortunate to have him in Toledo these last 20 years, and I am pleased that he has accepted my invitation to lead our College of Medicine and Life Sciences. Chris' commitment to interdisciplinary innovations in education and research will serve our university well in the years to come," Naganathan said.

Cooper, a cardiologist, joined the Medical College of Ohio in 1994 after completing an internship, his residency training and a cardiology fellowship at Brigham and Women's Hospital, an internationally recognized hospital affiliated with Harvard Medical School.

"I'm honored to accept this role because I know firsthand the hard-working and talented faculty and staff that make this College of Medicine a place that I have been proud to serve for the past two decades," Cooper said. "I want to thank Dr. Naganathan and Interim Provost John Barrett for their confidence, and I am looking forward to working with the students, faculty and staff of the College of Medicine and Life Sciences to continue elevating this college, the UT Medical Center and the University."

Cooper will report to Naganathan for all clinical matters and to Barrett for the college's academic mission.

"Perhaps the only thing about Chris that is more impressive than his teaching and research excellence is the tremendous amount of respect his students and colleagues hold for him. As we continue to work to advance all colleges at UT, it is clear the College of Medicine and Life Sciences is in good hands," Barrett said.

Cooper also will work closely with Dave Morlock, CEO of UT Medical Center.

"As the health-care industry evolves, it is more critical now than ever to have a close working relationship between the clinical and academic missions of the UT Medical Center," Morlock said. "Dr. Cooper has one of the sharpest minds spanning those two worlds, and I'm excited to continue working with him now in this new role as dean."

Naganathan also said he was deeply appreciative of Dr. Ron McGinnis for his service as the college's interim dean since February.

"Ron has provided stable leadership at an important moment in the history of our institution. I'm profoundly thankful to him, and I look forward to his continued guidance and friendship," Naganathan said.

Cooper was appointed interim chair of the Department of Medicine in 2012 and was named to the permanent post in April 2013. From 2002 to 2012, he served as director of the Division of Cardiovascular Medicine, and from 2008 to 2011, he also served as director of the UT Heart and Vascular Center.

A prolific researcher, Cooper has received more than \$25 million from the government and industry. The principal investigator on a \$20 million grant from the

National Institutes of Health, Cooper and his team announced results in late 2013 that could lead to fewer surgeries and lower costs for patients suffering from kidney-related high blood pressure. These results were published in *The New England Journal of Medicine*.

He is a Fellow at the American College of Cardiology, the American Heart Association and the American College of Physicians. Since 2012, he has served on the Board of Governors of the National American College of Cardiology and is president of the Ohio Chapter.

He has been named one of America's Top Doctors seven times, one of the Best Doctors in America four times, is the author or co-author of 67 journal articles and six book chapters, and has participated in hundreds of invited lectures, seminars and symposia.

Cooper received his bachelor's degree from Wittenberg University in Springfield, Ohio, and his doctorate in medicine from the University of Cincinnati, where he graduated as the class valedictorian.

He and his wife, Lynn, have four children, Emily, Katherine, Johnathan and Peter.

Trustees approve three-year agreement with CWA membership

By Jon Strunk

The University of Toledo's Board of Trustees last month approved a three-year contract with the Communication Workers of America Local 4319. CWA members voted to approve the deal by a wide margin July 11.

"This three-year agreement between CWA and UT embodies the philosophy of the positive, collaborative relationship that the new administration is committed to," said Dr. Nagi Naganathan, UT interim president.

The term of the contract runs from Jan. 1, 2014, through the end of 2016. CWA employees will receive a 2.5 percent wage increase, which will be effective as of July 14, 2014, in the first year of the contract. They will receive a 1 percent wage increase in the second year, which begins Jan. 1, 2015.

The contract calls for a reopening of wage negotiations in year three, and officials

said the contract also includes a lump sum retroactive wage component.

"I know I speak for our Board of Trustees when I say that they and this administration are committed to working with all of our employees, including those represented by our four unions, to honor the critical role our faculty and staff play in making UT an outstanding university," Naganathan said.

"It is the University's hope that the CWA agreement helps pave the way for continued constructive dialogue across all bargaining units," he said.

Erika D. White, vice president of CWA Local 4319, said that the work of the bargaining committee and membership were integral to solidifying a fair contract with the University.

"President Bob Hull and I both feel that the mutual respect from the UT administra-

Final touches



Photo by Crystal Hand

Work is almost complete on the Larimer Athletic Complex's addition. Last week media members were given an inside look of the facility, which is the home of the football program and the Rocket Academic Center. Highlights include an upgraded academic center that will be used by all student-athletes; an enhanced locker room area; a larger, more modern weight room; updated offices; and new coaches' meeting rooms.

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Trustees, presidential search firm lay out timeline for search process

By Jon Strunk

The UT Board of Trustees approved the charge of the presidential search committee at a special meeting July 25.

The charge can be found at <http://utole.do/charge>. The timeline was given additional definition last month by trustees in consultation with search firm Witt/Kieffer of Oak Brook, Ill.

“UT’s next president will be responsible for leading a large, complex organization, and we want to be sure as many of those viewpoints as possible have a voice,” Joseph Zerbey, chair of the UT Board of Trustees and chair the search committee, said.

Search Consultants Dennis Barden and Carson Dye told the board they plan to begin informing potential candidates of the opening at UT and start laying the groundwork for active recruitment in mid-August.

In late August and early September, once the entire campus community has returned, UT will hold a series of open forums to solicit feedback from the University community regarding the characteristics, qualities and professional experiences desired for the next president.

Barden and Dye said they will use the information obtained by conversations with the board, faculty, staff and students, along

with responses provided through the open forums and the presidential search website, to aggressively recruit potential candidates during the fall.

The process will ultimately include two rounds of interviews. Nine to 10 semifinalists will be interviewed by the search committee, and two to five finalists will be invited for a campus visit.

Larry Burns, UT vice president for external affairs, will coordinate the campus visits.

“Our plan and our goal is to have each candidate meet with as many campus members as possible, including a number of open forums for UT students, faculty and staff,” Burns said.

Barden estimated that finalists would be interviewing on campus in January with the hope that the board would identify and announce its selection of UT’s 17th president in February.

“The presidency of a public research university is a unique position, and the process for selecting her or him must be tailored to that reality,” Barden said. “We’re committed to helping The University of Toledo trustees, faculty, staff and students identify a leader who they believe will elevate this university on the national stage.”

Presidential search committee

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Also serving on the committee will be:

- Dr. Karen Bjorkman, dean of the College of Natural Sciences and Mathematics;
- Dr. Kris Brickman, professor and chair of the Department of Emergency Medicine;
- George Chapman, former CEO of Health Care REIT, former MCO and UT Board of Trustees member, and a UT donor;
- Dr. Johnnie Early, dean of the College of Pharmacy and Pharmaceutical Sciences;
- Dr. Ali Fatemi, Distinguished University Professor in the Department of Mechanical, Industrial and Manufacturing Engineering;
- Dr. Karen Hoblet, president of Faculty Senate and assistant professor of nursing;
- Greg Kopan, CEO of Beacon Financial, former chair of the UT Foundation, and a member of the UT real estate committee;
- Calvin Lawshe, former UT vice president for student affairs and former city of Toledo administrator;
- Richard McQuade, former federal district judge, former UT Board of Trustees member and a UT donor;
- Dave Morlock, executive vice president for finance and administration and chief executive officer of UT Medical Center;

- Dr. Sonia Najjar, Hiss Endowed Professor of Diabetes Research in the Department of Pharmacology and Physiology;
- Clayton Notestine, president of Student Government;
- Mike O’Brien, vice president and director of intercollegiate athletics;
- Susan Palmer, former UT Board of Trustees member and a UT donor;
- Luis Santiago, chief, Toledo Fire and Rescue;
- Bob Savage, co-founder of Savage & Associates, former UT Board of Trustees member, a UT donor and recipient of a UT honorary degree;
- Chuck Sullivan, retired CEO of Interstate Bakeries, former chair of the UT Foundation Board of Trustees, a UT donor and recipient of a UT honorary degree; and
- Connie Zouhary, vice chair of the UT Foundation Board and executive vice president of Buckenmeyer & King, CPA.

“This is an incredibly dynamic and complex time for higher education and the health-care industry, and I have no doubt that the collective wisdom, expertise and points of view represented by this committee will help us find the man or woman who will be a great leader for UT in the years to come,” Zerbey said.

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In memoriam

Kimberly A. (Pacer) Horn, Monroe, Mich., a nurse at MCO/MUO/UTMC from 1991 to 2012, died July 25 at age 48.

Dr. Melvern A. Ayers, Perrysburg, died July 27 at age 83. He joined MCO in 1968 as an associate clinical professor of obstetrics and gynecology. One year later, Ayers was named associate professor and acting chair of the department and held those positions until 1974, when he was appointed associate clinical professor. He held the volunteer appointment for 10 years.

Canaday Center's 'Letters of Luminaries,' 'Celebrity Sightings' exhibits extended

There is still an opportunity to see an exhibit of rare letters written by the likes of Thomas Jefferson, Charles Darwin, Gwendolyn Brooks and Georgia O'Keeffe from the collections of the Ward M. Canaday Center for Special Collections on the fifth floor of Carlson Library.

The exhibit, "Letters of Luminaries: Notable Correspondence in the Collections of the Ward M. Canaday Center," has been extended through Tuesday, Sept. 30.

"The exhibit has proven to be very popular, so we wanted to give the public more time to see the unique materials on display, especially new students who will be entering UT in August," said Barbara Floyd, Canaday Center director.

The exhibit contains more than 250 original letters written and signed by famous people, including political leaders, business leaders, intellectuals, artists, reformers, celebrities, authors, sports figures, foreign dignitaries and famous Toledoans.

Also included are books signed by noted individuals and authors. Of particular significance is a rare 1776 first edition of *Common Sense* by Thomas Paine, the

pamphlet that helped to fuel the American Revolution. The book is even rarer because it is signed by Benjamin Franklin.

Also included are autographed books by Maya Angelou, Harper Lee, T. S. Eliot and Langston Hughes, among others.

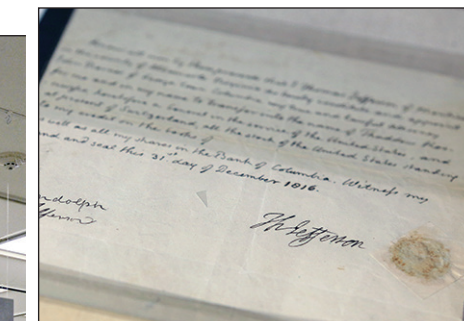
In addition to the "Letters of Luminaries," a smaller exhibit titled "Celebrity Sightings" also will remain on display outside the Canaday Center through September.

"Celebrity Sightings" features enlargements of signed photographs of famous people from the Canaday Center's holdings; these include Orson Wells, Katharine Hepburn, H.G. Wells and President Franklin D. Roosevelt.

Of note is an enlargement of a photograph taken in Toledo on Sept. 22, 1967, of Dr. Martin Luther King Jr. that was signed by King and given to then-UT President William S.

Carlson. It marks the only appearance by King in Toledo when he spoke at a rally at Scott High School.

Also included in this exhibit are copies of pages from scrapbooks maintained by the UT Office of Special Events from 1976 to the early 1990s that document concerts performed in Centennial Hall, now known as Savage Arena.



Photos by Crystal Hand and Daniel Miller

"Celebrity Sightings" includes autographs from Crosby, Stills & Nash and Katharine Hepburn, and "Letters of Luminaries" features missives from Thomas Jefferson and other notables.

These scrapbook pages include signatures and sentiments from Bob Dylan, Cher, Steve Martin and Bill Cosby, among others.

The free exhibits are open Monday through Friday from 8 a.m. to 5 p.m., or by appointment by calling Floyd at 419.530.2170.

Sociology graduate students published

By Aimee Portala

Dr. Mark Sherry, UT associate professor of sociology, not only taught his Sociology of Disability seminar graduate students how to further their knowledge and engage with other professionals, but he also assisted each student in the class with getting an article or chapter published by the end of spring semester.

"What we really focused on in the class was developing advanced critical skills — exploring the nuances of the arguments in various texts, and seeing how they complemented or conflicted with others we had read," Sherry said.

Students were guided through a range of new disability books in the first two-thirds of the class, writing reviews and engaging with the latest literature. During the last third of the class, the students completed individual projects connected to their academic interests.

Students also were given a chance to Skype and engage with leading scholars from the United States, Canada and the United Kingdom.

Mara Martinez, Abberley Sorg, Giselle Thompson and Ning Xu each wrote book reviews, which have been accepted for publication in *Disability and Society*, an international journal.

Laurie Michaels wrote an entry on tobacco-related exposure for *The SAGE Encyclopedia of Cancer* and an entry on Mexico for *The SAGE Encyclopedia of Pharmacology and Society*. She was chosen as the graduate student to sit on the American Sociological Association Labor Section's Book Award Committee. She was accepted into the PhD program at Ohio State University.

Thompson wrote a review of a book called *Chronic Illness, Spirituality and Healing*, and has been accepted to present a paper at the Canadian Sociological Association's Annual Conference. She also co-authored a book chapter with Dr. Rubin Patterson, UT professor and chair of the Sociology and Anthropology Department, director of the Africana Studies Program and director of the Institute for the Study and Economic Engagement of Southern Africa, titled "Transnational Factors Driving U.S. Poverty and Inequality" for the *Routledge Handbook of Poverty and the United States*.



Photo by Daniel Miller

INKED: Dr. Mark Sherry posed for a photo with graduate students, from left, Giselle Thompson, Ning Xu, Laurie Michaels and Mara Martinez, who, along with Abberley Sorg, each published an article or review after taking the Sociology of Disability seminar spring semester.

Thompson will continue her studies at York University in Toronto.

"My level of personal and social responsibility has increased since enrolling in this program," Thompson said. "I had great teachers at UT who have my best interest at heart. I am truly grateful for their support."

Xu, an international student from China, reviewed a book titled *Caring for Orphaned Children in China*. She was accepted into the PhD program at New School University

in New York, but has decided to search for employment first.

"My two years as a graduate student in the Department of Sociology at UT was challenging, yet wonderful. The professors in the department were friendly and helpful," Xu said.

Martinez and Sorg are continuing toward their master's degrees. Michaels, Thompson and Xu received their degrees in May.

Faculty member's composition to be performed in Chicago

By Lindsay Mahaney

The flutes will sing in Chicago this summer when Dr. Lee Heritage's composition is performed at a national flute convention.

"I try to write music that sings, even when I'm writing instrumental music," the UT associate professor of music said. "The voice is often called the perfect musical instrument and, of course, the flute is a very 'singing' instrument."



Heritage

Heritage's composition for flute octet, "In a Dream of Fabled Lands," will be performed at the National Flute Association's 42nd convention in Chicago this week.

The convention will start Thursday, Aug. 7, and continue through Sunday, Aug. 10, at the Hilton Chicago on Michigan Avenue and will host a variety of flute performances that honor composers and their work.

Composed in 1994, Heritage's piece was originally for four guitars and four flutes. The piece subsequently was adapted for eight flutes — six C flutes, one alto flute and one bass flute — and it was in that form that the piece was published. Since then, the piece has been played many times across the United States.

Heritage said he thinks of this piece as a soundtrack to an adventurer's journey, and he enjoys the composition's ability to communicate.

"It's a relatively simple piece," Heritage said. "It has a simple architecture, and the melodies and harmonies have an immediate charm. Often we musicians get so enamored of intricate fiddly bits and complexities in the music. And yet sometimes it's more simple expressions that are the most effective and honest. Not that the intricate compositions are bad, but somehow these simple expressions can sometimes speak to us more directly."

When the National Flute Association informed him that they would be playing the piece at the conference this summer, Heritage said he was honored.

"The piece has been in print for 15 years, and it's gratifying to know that musicians still find it a rewarding piece to perform," he said. "In fact, I've received more notices from musicians who are performing it in the last several years than ever before."

This is not Heritage's first time having his music performed at the National Flute Association convention. His composition titled "All Kinds of Pairs" for flute, guitar and digital effects was performed at the 1997 convention. In 1998, his "Two Poems" for flute and guitar was performed and received an award as one of the best newly published compositions that year.

Currently, Heritage is involved with numerous projects. The Toledo Symphony Woodwind Quintet recently premiered his piece "To the West Wind," and he wrote a piece for flute duo and piano to be performed at the British Flute Society's flute convention in London this month. The piece will be performed by the Toledo Symphony's principal flutist, Joel Tse, and the Iceland Symphony Orchestra's principal flutist, Hallfríður Ólafsdóttir.

Jazz star to bring Motown mix to Music Fest 2014 stage

By Jessica LeMire

Jazz flutist Alexander Zonjic has jammed at every Music Fest event and will return to The University of Toledo for the 2014 event.

During his career, the Windsor, Ontario, native has rocked with numerous musicians, including Kenny G, Jeff Lorber and Keiko Matsui. He hosts a radio show called "Alexander Zonjic From A to Z" that can be heard on Canadian radio and WVMV's HD2 Channel.

Zonjic's latest album, *Doin' the D*, paid tribute to his second home, Detroit.

In keeping with the Detroit theme, Zonjic will take the stage with the Motor City Horns with New Serieux.

The Motor City Horns have performed with a variety of artists and groups, including Bob Seger and The Silver Bullet Band and with Clarence Clemons and The Temple of Soul. Members of the band also have played alongside Justin Timberlake, The Temptations, The Four Tops, the Detroit Symphony Orchestra and Yo-Yo Ma.

Joining Zonjic and Motor City Horns will be Serieux, a Detroit-based, traditional soul vocal group, which recreates the vibes of artists such as The Temptations, The Four Tops and The Manhattan. They have opened for major acts such as Earth, Wind and Fire, and The Whispers.



Zonjic

The free outdoor music festival will take place Friday, Aug. 29, from 4 to 11:30 p.m. in the Rocket Hall parking lot on the southwest corner of UT's Main Campus.

Stay tuned for additional artist announcements for Music Fest 2014 and the complete lineup.

For more information, visit utoledo.edu/musicfest or follow the event on Facebook at facebook.com/UTMusicFest and Twitter at twitter.com/musicfest14.

See you at **Music Fest Friday, Aug. 29!**



Stop by the new
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LOOK FOR THE NEXT ISSUE OF UT NEWS AUG. 18

UT Medical Center offering new procedure for men with enlarged prostates

By Samantha Watson

In the United States, more than 11.9 million men are being treated for benign prostatic hyperplasia, also known as an enlarged prostate.

"It's a common problem in men and it often brings them to the urology clinic," said Dr. Ajay Singla, professor and director of female pelvic medicine and reconstructive surgery at The University of Toledo Medical Center.



Singla

Of the almost 12 million men being treated, only 1 percent of patients opt for surgery, 51 percent try medications, and 20 percent of those patients later stop taking their medication for various

reasons, including side effects.

That's why when Singla learned about a new minimally invasive surgery option earlier this year, he decided it was something UTMC needed to offer patients. The procedure, called Urolift, has been performed twice at UTMC.

"Both of the patients we've performed this surgery on are doing very well, and they're very

happy and pleased with the outcome," Singla said.

The outpatient procedure is done by inserting permanent implants, which pull the two lobes of the prostate away from each other to open up the urethra. The entire procedure takes about 10 to 15 minutes, does not require a catheter afterward, and doesn't involve cutting, burning or removing prostate tissue.

This procedure is new to urological surgery after being recently approved by the Food and Drug Administration. UTMC took the lead in offering this procedure to the Toledo community and was the first to perform it in the region of Ohio, Michigan and Indiana.

The procedure is being done under general anesthetic in the hospital, but Singla hopes to perform the procedure in the office under local anesthetic in the future.

"In the office, it is more convenient for the patient," Singla said.

The procedure is being done in offices under local anesthetic at other places, so Singla said it is only a matter of time before UTMC will do the same.

Urolift is manufactured by NeoTract and was approved by the FDA this year for treating benign prostatic hyperplasia.

For more information, visit uroliftforbph.com or contact Singla's office at 419.383.3555.

Professor becomes Fellow of national engineering body

By Samantha Watson

With an ever-aging population, the need for bioengineers continues to grow.



Bhaduri

This means organizations like the American Institute of Medical and Biological Engineering, which works to further the bioengineering profession, are more important than ever.

The institute's newest Fellow, Dr. Sarit Bhaduri, professor in the UT Mechanical, Industrial and Manufacturing Engineering Department with joint appointment in dentistry, agrees.

"I'm excited to get to further the educational, clinical and commercial aspects of the profession of

bioengineering," Bhaduri said. "This is an important field for people like me who are aging. There is a big societal impact; these are engineers that can help the society."

The American Institute of Medical and Biological Engineering is a nonprofit organization headquartered in Washington, D.C. It is an authoritative voice for the practicing medical and biological engineers in academia, industry and government.

Bhaduri was nominated for the honor by Dr. Martine LaBerge, professor and chair of bioengineering at Clemson University in South Carolina, where Bhaduri taught before coming to UT. As Fellow, he will serve on a subcommittee dedicated to furthering bioengineering education.

"I've been working very hard and having somebody recognize me nationally is a good feeling," Bhaduri said.

This is the second fellowship of a national engineering body for Bhaduri, who has been a Fellow of the American Ceramics Society, where he has been active for more than a decade. He said being a Fellow allows him to make a difference in the fields of his association and for his students.

UTMC PROSTATE CANCER AWARENESS LECTURE SERIES

Join UTMC Urologist Dr. Samay Jain for a prostate cancer awareness event on **Thursday, Aug. 14 at 6 p.m.** in the Eleanor N. Dana Cancer Center on UT's Health Science Campus. Come get information about early detection, free screenings and receive two free tickets to an upcoming Toledo Rockets football game, Detroit Tigers or Cleveland Indians game. Admission by RSVP only, as seating is limited.

FOR MORE INFORMATION, CALL 419.383.5035.
RSVP TO CHRIS KOSINSKI AT CHRISTOPHER.KOSINSKI@UTOLEDO.EDU



THE UNIVERSITY OF TOLEDO
MEDICAL CENTER

Researcher

continued from p. 1

team, which includes research technician Muncharie Brooke Saepoo, also will look for other markers that were not predicted. This will be achieved using a technique called liquid chromatography-mass spectrometry that can identify hundreds of proteins in saliva.

At the same time the saliva is collected during their shifts, the volunteers will participate in psychological tests to measure attention and executive decision-making skills. The brain teaser tests will be performed on a computer or tablet and include scenarios such as focusing on the screen to see if a colored ball appears to measure attention or examining a group of arrows to find the one pointed in a different direction to study executive decision-making.

“The combination of fatigue biomarkers and decision-making tests will give an indication of the person’s ability to perform under varied energy levels,” Giovannucci said. “Our prediction is that there is not one thing that changes due to stress and fatigue, but rather a panel of changes that would indicate a decreased ability to perform.”

The end goal is to be able to create a sensor that would be able to measure those

indicators for a quick and easy way to test performance ability — similar to a Breathalyzer test to measure alcohol levels, but used with saliva to test fatigue. Dr. Brent Cameron, UT professor of bioengineering, is working with Giovannucci to explore creating the device.

“Medical professionals often work long hours directly with patients and mistakes can be made, so this could help minimize some medical errors,” Giovannucci said. “The military invests heavily in training and equipment, and their personnel performance is an important area for them. From an economic standpoint, there are billions of dollars lost each year to fatigue in both the public and private sectors.”

Giovannucci’s research is funded with a \$600,000, three-year grant from the Air Force Office of Scientific Research with matching funds from the UT College of Medicine and Life Sciences, and is enrolling interested residents into the study.

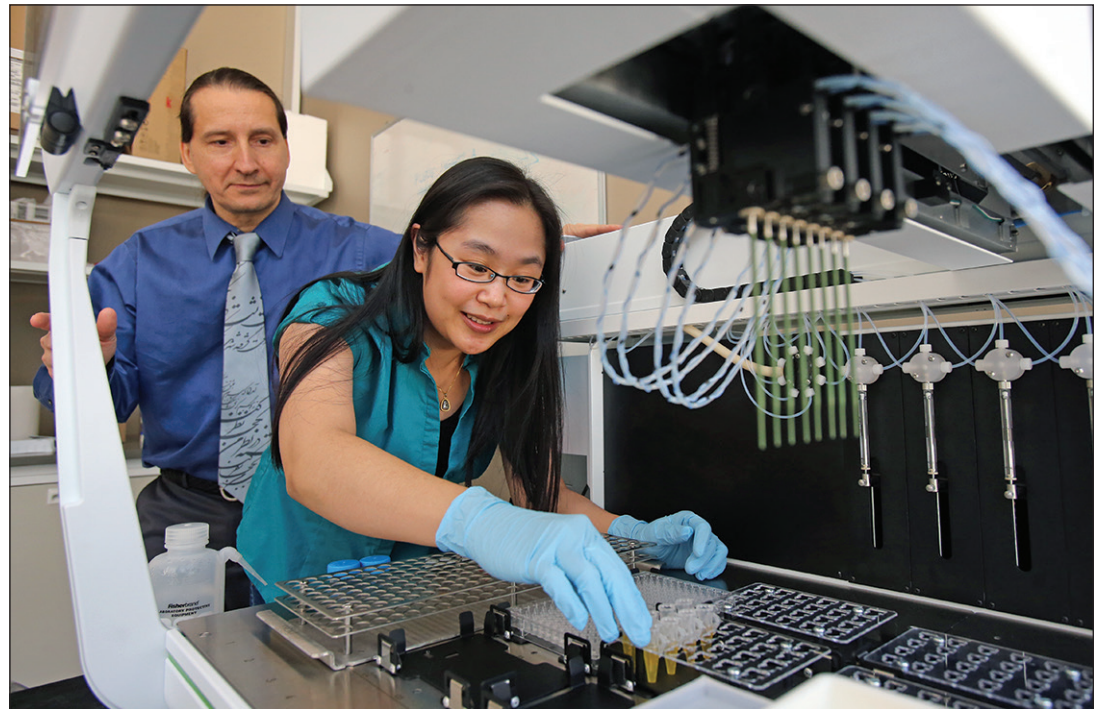


Photo by Daniel Miller

GAUGING FATIGUE: Dr. David Giovannucci and his research associate, Muncharie Brooke Saepoo, loaded saliva samples into an automated liquid handler for biomarker analysis.

In addition to Cameron, the cross-disciplinary work also involves co-investigators Dr. Dragan Isailovic, UT assistant professor of chemistry and

biochemistry, and Dr. Kenneth Hensley, UT associate professor of pathology.

CWA

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tion and the team-building CWA labor is a positive and powerful step in trailblazing a strong foundation in our community for the number one asset for both labor and UT — the students,” White said.

UT has 530 employees represented by the CWA who provide clerical, maintenance and custodial services, primarily on UT’s Main Campus. About 92 percent of CWA voters recommended approval.

Dave Morlock, executive vice president for finance and administration, said that the CWA has been a great partner and thanked members for their leadership in helping to move UT forward.

“Thank you to the CWA membership for its overwhelming support of this agreement, and thank you to CWA

leadership for partnering with us to advance The University of Toledo,” Morlock said.

Morlock and Naganathan also thanked Jovita Thomas-Williams, UT associate vice president for human resources and talent development, and her team for their work in helping achieve an agreement.

Thomas-Williams said that the total cost of the contract won’t be known until the salary negotiations in the third year are worked out and additional fold-in costs such as retirement benefit increases and other items have been calculated. She estimated that the current cost of the wage increases for years one and two of the agreement to be approximately \$615,000.

UTNEWS

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Dog days



Photo by Vince DiGuglielmo

Tyler Mattson, a sixth-year student in the College of Pharmacy and Pharmaceutical Sciences and the College of Communication and the Arts, delivered UT News last month with a little help from Marv, his 2-month-old blue merle Great Dane.

Looking to gain experience putting on music events? Need community service hours? Let us know!

Music Fest 2014 is Friday, Aug. 29, and we're looking for students, faculty and staff to volunteer that day!

Sign up at <http://utole.do/mfhelp> or contact Sam Naumann, volunteer coordinator, at sam.naumann@rockets.utoledo.edu.



UT Medical Center recognized for raising organ donation awareness

By Lindsay Mahaney

For the second year in a row, The University of Toledo Medical Center is being named a gold partner in the Ohio Hospital Association Organ Donation Champions program.

The winners were announced at the association's recent annual meeting in Columbus, Ohio. Each facility received a trophy with its name engraved on it.

More than 40 Ohio hospitals and transplant centers partnered with Donate Life Ohio, the Ohio Hospital Association and the Ohio Department of Health's Second Chance Trust Fund to participate in the program for 2013-14. Logging more than 1,300 activities, the hospitals hosted registration events, raised public awareness, and worked to promote awareness of organ, eye and tissue donation in their communities.

UT junior communication major Valerie Augustyniak, an intern in the hospital health-care marketing office, organized many of the events and tracked the programs. She said working with organ donor registration is important because it creates the opportunity to save lives.

"One person can save a life more than anyone can imagine," she said. "It's so important for even just one more person to sign up to be a donor."

Some of the events at UT included organ donation registration tables on campuses, informational videos at home basketball games, a flag-raising ceremony, and a donor memorial gathering for the loved ones of organ and tissue donors. Posters and social media posts also were used to spread the word and raise awareness.

Augustyniak said her favorite event was the green chair campaign held in April. The Life Connection of Ohio green chair was brought to UTMC so transplant recipients could sit in it and share their personal stories. The green chair campaign is representative of a second chance at life when someone is seated in the chair and the loss of someone who died waiting for a transplant when it sits empty, according to the Life Connection of Ohio website.

"It's really touching to see what's behind the person," Augustyniak said. "It makes you want to be able to donate. There are people on the list who never get to see an organ. They never get one. It's just an opportunity that one more person gets added to the donor list and they could save a life."

Trauma Services Director Kristin Calkins said the University is reaching out to the community because it's important for

people to know all the information about organ donation before deciding whether or not to sign up.

"We're out there, we're doing the education," she said. "Obviously saving lives is our first and foremost priority, but it helps raise awareness to our staff, to lay people, to anybody who's interested in knowing about organ and tissue donation. A lot of it's trying to campaign and get people to recognize the benefits and get them to sign up."

Already planning for next year, Augustyniak said she is brainstorming with Calkins about new and different ways to bring more events to UTMC. She said she especially wants to work on more community outreach.

For more information on organ donation, visit Life Connection of Ohio's website at lifeconnectionofohio.org.