UT neuroscientist awarded $1.75 million to develop method to modify traumatic memories, treat PTSD

By Christine Billau

A neuroscientist at The University of Toledo is creating a new way to help people face their fears.

The National Institute of Mental Health awarded Dr. Jianyang Du, assistant professor in the UT Department of Biological Sciences, a five-year, $1.75 million grant to develop a method to modify fearful memories, which could lead to new treatment options for mental health illnesses, such as post-traumatic stress disorder, anxiety, depression and schizophrenia.

"Excessive fear memories such as war-time trauma or a near-death experience can be crippling," Du said. "However, fear memories also can be critical for survival. Developing means to either erase or to strengthen fear memory could...

Art on the Mall to return to campus July 29

By Marla Gootee

Art on the Mall will take over UT’s Centennial Mall Sunday, July 29, from 10 a.m. to 5 p.m.

This summer marks the free, public event’s 26th year of showcasing a variety of art on Main Campus. Attendees will have the opportunity to view all kinds of art, including acrylic, glass, jewelry, mixed media, photography, pottery and more.

“We welcome and encourage everyone to attend one of northwest Ohio’s signature art shows,” said Ansley Abrams-Frederick, director of alumni programming in the UT Office of Alumni and Annual Engagement. “It’s a great way to spend a summer day — looking at amazing artwork on our beautiful campus.”

A total of 115 artists will have artwork for sale by cash, or guests can pay using a credit card at the artist’s booth or credit card station located in the Thompson Student Union.

Representatives from the Ft. Wayne Museum of Art will jury the works with prizes being awarded to the top artists. UT’s Best of Show award will be given to an artist with an affiliation to the University; students, faculty, staff, retirees, alumni and parents are eligible for this honor.

Throughout the event, guests can listen to live jazz with performances from UT student and alumni groups Minor Frett and the Twenty TwentyFour.

Food and beverages will be for sale throughout the day from vendors that will include Big C’s Smoked Barbeque, Karen Anne’s Kettle Corn, Opa! Gyros, Java Sensations/Let’s Go Nuts, Quinn’s Concessions, Jeannie’s Comfort Cuisine, Snowie Daze, the Petite Fleet, and K & K Concessions.

A beer and wine garden will be at Art on the Mall and offer a selection of adult beverages for guests 21 and older with a valid ID.

This year the show will feature three varieties of craft beer from one of the...
UT recruiting police officers to join force

By Meghan Cunningham

The University of Toledo Police Department is looking to add two new law enforcement officers to its force.

“We are looking to add to our team individuals who are excited about joining the UT community and who are committed to our No. 1 priority of ensuring our campus remains a safe and welcoming place for everyone to study and work,” UT Police Chief Jeff Newton said. “I look forward to welcoming new officers to the team to replace those who have retired recently.”

Officer candidates must be at least 21 years of age at the time of appointment with a valid driver’s license. They also must possess a valid Ohio Peace Officer Training Academy (OPOTA) certificate or be currently enrolled in or registered to attend an OPOTA-certified academy.

To be considered for the position, candidates also must pass physical fitness, psychological, drug and polygraph exams, as well as written and oral testing, and a thorough background investigation.

To provide more convenience to potential candidates, UTPD is using the National Testing Network to offer initial police testing. Testing centers are located throughout Ohio, and candidates may choose the date, time and testing center. On the testing website, nationaltestingnetwork.com, find the UT position in the job listing by selecting law enforcement as the job class and the state of Ohio.

Candidates who test on or before Wednesday, Aug. 15, will be considered first; however, candidates may test with the National Testing Network after this date to be considered for future positions.

For more information, visit utoledo.edu/depts/police/officer.html.

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Neuroscientist

continued from p. 1

aid understanding of how memories are formed and may suggest novel therapeutic strategies.”

Du, who studies how protons regulate brain circuits and behaviors, found in mouse brains that manipulating pH in the amygdala can influence or control fear memories during recollection, creating a short window of increased susceptibility to either erase or enhance the memory.

Du manipulates the pH levels by using carbon dioxide inhalation and activating key molecular components of the central nervous system called acid-sensing ion channels, which spread throughout the body and allow for transmission of signals in the nervous system. The acid-sensing ion channels are important targets for pharmaceutical drug designers because of their importance to learning and memory.

“Our goal is to uncover the cellular and molecular mechanisms by which traumatic memories are stored in the brain and how carbon-dioxide inhalation and acid-sensing ion channels influence or control emotional behaviors, such as anxiety and depression,” Du said. “The ability to rewire the brain to modify existing fearful memories is very important as it relates to mental disorders.”

Picnic time

Faculty, staff, students and volunteers recently attended UT Medical Center’s thank-you picnic.

Meals were provided for employees who work other shifts.

Photos by Daniel Miller

President Sharon L. Gaber and Dr. Christopher Cooper, dean of the College of Medicine and Life Sciences, and executive vice president for clinical affairs, posed for a photo at the July 11 picnic.

Tammie Coleman of Environmental Services smiled on the red carpet, which was rolled out during the picnic on Health Science Campus.
View Mars at observatory as red planet comes closest to Earth in 15 years

By Christine Billau

Mars will be visible to the naked eye in late July as the planet approaches its closest point to Earth since 2003 — 35.8 million miles away.

Astronomers at The University of Toledo are hosting Mars Watch 2018 to share the UT telescope with the public for a view of what is called opposition, the point when Mars and the sun are on directly opposite sides of the Earth as the planets orbit around the sun.

“Due to the orbit of Mars and Earth, Mars is really only well-placed for observing from Earth for a month or two every two years or so,” Alex Mak, associate director of UT Ritter Planetarium, said. “The end of July and early August mark one of those opportunities.”

The Brooks Observatory in McMaster Hall will be open to the public for four nights — from 9:30 to 10:30 p.m. Thursday, July 26; Monday, July 30; Tuesday, July 31; and Wednesday, Aug. 1. Visitors are invited to meet in the lobby of McMaster Hall, where they will be guided up to the observatory.

“Mars is the planet that has fascinated humanity for the longest,” Mak said. “From its retrograde motion in the sky and its blood red color to the question of whether Mars has or had life, it is a planet that has never failed to make us wonder.”

The event is dependent on clear skies. Admission is $2 for adults and $1 for children 5 through 12. Children 4 and younger are admitted free.

Congratulations

Dr. Christopher Cooper, dean of the College of Medicine and Life Sciences, and executive vice president for clinical affairs, left, congratulated Dr. Terry Hinds, assistant professor in the Department of Physiology and Pharmacology and the Department of Urology, who received a $50,000 grant from the Medical Research Society. Hinds will use the award to fund his research on obesity-induced diabetes. Hinds received his PhD in cardiovascular biology and metabolic disease from the UT College of Medicine in 2010 and was a postdoctoral fellow at the University.

Moving up

U.S. Army Lt. Col. Michael Penney, right, was congratulated by U.S. Army Col. Mike Getchell, who conducted the July 6 promotion ceremony for the professor and chair of the UT Military Science and Leadership Department. Penney, who was a major when he joined the faculty last summer, will remain at UT for one more year and then take command of a battalion in South Carolina. “My role as head of the ROTC program here at UT is one of the most important and rewarding jobs the Army has given to me to this point,” he said. “Leader development is crucial in the Army of today, and having some impact on the lives of future Army leaders is one of the best jobs.”
A U.S. citizen is accused of a heinous crime, but rather than receiving a trial by jury as constitutionally mandated, he is condemned to death by a military tribunal. No, it’s not 2001 in the aftermath of 9/11; it’s 1865, and the accused is the man who helped John Wilkes Booth escape after his assassination of the president of the United States.

“Wilkes,” a fast-paced contemporary play to be premiered by the Glacity Theatre Collective, tells the story of the planning and assassination of Abraham Lincoln, as well as the ensuing manhunt after Booth escaped.

The story is told from the perspective of Davey Herold, who was a close friend of Booth and a co-conspirator in the assassination plot. Following his capture with the injured Booth after 12 days on the run, Herold was tried by military commission as a domestic terrorist rather than in a court of law, a denial of his rights as a U.S. citizen.

“The play is an exploration of the origins of a continuing legal issue in our country — can citizens be defined as ‘terrorists’ and therefore denied their right to a trial by their peers? Our country has long grappled with where to draw the line between criminal behavior and terrorism — as Davey Herold’s story vividly illustrates,” playwright James Stover said.

He explained that though laws were created following the execution of the Lincoln co-conspirators so that such a thing would never happen again, in 2001, as part of the Patriot Act, these laws were superseded.

Featuring a cast of three, the 70-minute play is filled with action, suspense and a history lesson relevant today. Daniel Schweikert plays John Wilkes Booth, Jackson Howard is Davey Herold, and Bryan Harkins, a UT theatre student, is Frederick Stone.

The design team includes James S. Hill, UT professor emeritus of theatre; Kelly McBane, UT lecturer in theatre and film; Stephen Sakowski, UT assistant professor of theatre and film; and Kevin Upham, UT theatre student.

Stover, who was a visiting assistant professor in the UT Theatre and Film Department in 2016 and 2017, is directing the production, which will be stage-managed by Tori McBean.

“I have too great a wish to die a criminal.”
— J.W. Booth

Glacity Theatre to present world premiere of ‘Wilkes’

‘The Incredibles’ chosen for movie night at Glass Bowl Aug. 17

By Will Edmonds

The University of Toledo, in a partnership with Kroger, will host a free showing of “The Incredibles” for the community in the Glass Bowl Friday, Aug. 17.

The movie selection was determined by an online fan vote. The movie will begin at 8 p.m. with gates opening at 6:30 p.m.

Fans will have the opportunity to meet members of the football and volleyball programs, and participate in other fun activities.

Attendees may bring their own food and drink into the stadium. The concession stands also will be open.

For more information about movie night at the Glass Bowl, call 419.530.4653 (GOLD).
A stolen moment brought life into focus for Agnes L. Barnes.

In 1985, she and her husband, Chet Barnes, were on vacation in California when their friend’s car was broken into; the thief took her vintage camera, an Argus C3.

“Then I bought a Canon Rebel G,” she said. “Right after that, we went to South Africa, and I got some really nice pictures.”

A photograph of three majestic elephants crossing the road at Kruger National Park. A crouching lion near Johannesburg. Thatched-roof huts in Soweto.

“When people saw the photos from South Africa and commented on how great the pictures were, I realized, well, maybe I have an ability many people don’t have. I was 50 years old before I discovered this,” Agnes said and laughed.

“She never had a lesson in photography. She’s taken pictures, pictures and more pictures,” Chet said beaming with pride. “Her first show was in Sylvania in 1994. We had photos hanging on chicken wire under an umbrella. She won a blue ribbon and sold so many photos.”

More shows and awards followed. And more photos.

Freshly fallen snow on the boardwalk at Wildwood Preserve Metropark. UT’s iconic University Hall bell tower. The colorful animal menagerie mural on the railroad bridge over the Anthony Wayne Trail by the Toledo Zoo. A close-up of a pink rose with dewdrops.

“A lot of the photos are serendipity,” Chet said. “I hear all the time, ‘Chet, get the camera. I’ll think she’s had enough time for a shot, and I look over and her toes are moving her back and forth: She has to get it just right.’

“I like to capture the beauty for others to enjoy that beauty,” Agnes said.

After Chet retired from Toledo Public Schools in 1996, the couple traveled so Agnes could capture more beauty.

The two have been up and down the East Coast, zooming in on lighthouses and iconic University Hall bell tower. The colorful animal menagerie mural on the railroad bridge over the Anthony Wayne Trail by the Toledo Zoo. A close-up of a pink rose with dewdrops.

With her striking images can transport viewers, she didn’t recognize her superpower for years.

“I didn’t look at the camera as an artistic tool; I just looked at it as something to record for future reference,” Agnes said.

“During my early years, I was born in 1937, and then World War II started, and film was very difficult to get. We did not have many pictures of my family growing up. So I made up my mind I was going to make sure I had pictures of my little brother and of my own children someday.”

With her mom’s Brownie camera, Agnes took photos of her baby brother, Paul, who was born in 1950. And then with the Argus C3, she clicked away while her children, John and Beth Ann, were growing up.

When 11-year-old Beth Ann passed away from leukemia in 1980, those images helped Agnes and Chet.

“Most of the photos of my children were on slides, which turned out to be a really good thing,” Agnes said. “After Beth Ann’s death, I gave talks on how to help grieving families, and I showed slides of her, plus audio of her, so people would feel like they knew her, and they could see where our grief was coming from. I gave talks for 10 years.”

For nearly a decade, Agnes and Chet facilitated a bereavement group for parents.

And some of Agnes’ breathtaking shots of nature are featured in a book, “Choosing the Gift: Dealing With a Loss of a Loved One,” by Dr. Scott Shepherd and the photographer.

“The majority of the pictures I sell are because they bring back memories to my customers, I do believe,” she said.

Agnes and Chet will return to Art on the Mall Sunday, July 29.

FREEZE FRAME: Agnes and Chet Barnes hold two of her photographs taken at the Toledo Museum of Art and Wildwood Preserve Metropark.

The couple will be at Art on the Mall Sunday, July 29.

be among more than 100 artists showcasing their work from 10 a.m. to 5 p.m. during the free, juried show on Centennial Mall.

“Art on the Mall is a good show,” Agnes said. “Many of my customers are repeat customers; they return again and again. One lady told me that she has an entire wall that she calls her ‘Agnes wall’ because it is filled with my photos. It’s nice to keep in contact with my customers.”

Chet likes returning to his alma mater each summer; he received a master of education degree and an education specialist in guidance and counselor education in 1973 and 1975, respectively.

“Every picture has a story,” he said.

“Chet is good at telling stories and keeping people in the booth,” Agnes said and smiled.

A missed photo opportunity is one of his favorite tales.

“The one time we didn’t have a camera was when we met Elvis Presley,” he said. “True story!”

For more information on Art on the Mall, contact Abrams-Frederick at 419.530.4316 or ansley.abrams@utoledo.edu.
Get ready to have fun and help those in need at the first bowling fundraiser organized by three UT staff members for Sunshine Communities.

George Hayes Jr., electrician journeyman, along with UT Print Shop staff members Tricia Dorring and Keith Henson, both office machine operators, are organizing a bowling event to benefit Sunshine Communities.

“I Need a Little Sunshine in My Life” will take place Saturday, Aug. 4, from noon to 3 p.m. at the Toledo Sports Center, located at 1516 Starr Ave.

Bowling will cost $10 for three games, shoes and a bowling ball. There will be door prizes, a silent auction, raffles and a 50/50 featured as well.

“We encourage everyone to come out and have a good time while supporting Sunshine Communities,” Hayes said. “Brighten up your day, meet some new friends, and help out this local organization that makes a difference in our community.”

Guests also can show their support by providing silent auction items, monetary donations or gift certificates/cards, or by sponsoring a client from Sunshine Communities to bowl.

Sunshine Communities is a local organization supporting men, women and children with developmental disabilities by offering residential, vocational and clinical support. Its mission is to create a community among people with developmental disabilities, their families, friends, and staff by offering services that enable individuals to build life-enhancing relationships through mutual caring and growth.

Located in Maumee, Sunshine Communities offers clients numerous features, including a pool and gym, multisensory room, and therapeutic horse riding at Sunshine Acres. The Sunshine Vocational Center has activities for both residential and nonresidential clients designed to enhance social and personal growth; activities include book clubs, crafts, gardening and more.

Sunshine Communities also supports workers with developmental disabilities when searching for and retaining jobs. The organization helps individuals find jobs through Sunshine-employer partnerships and at more than two dozen of its properties, including a coffee shop and art studio.

“No matter who I’ve talked to about the event, Sunshine touches their lives in one way or another,” Henson said. “It may be taking care of a family member, friend or other individuals in their community who are affected by mental or physical disabilities.”

“Our goals for this fundraiser are to help this organization to continue its mission to build a nurturing environment for individuals with disabilities,” Dorring said. “We would like to have the Sunshine Community clients participate in our event and to have fun and build new friendships. Another goal is to have the costs for each Sunshine Communities client who would like to bowl covered.”

“We hope this event provides community members with the chance to learn more about Sunshine Communities and what its staff members do for its clients, as well as what clients may go through,” Henson added.

Registration will be held on site the day of the event and must be completed by 2 p.m.

For those who cannot attend but still wish to contribute, donations can be made at mightycause.com/story/xzuuwe.

For more information, contact Hayes at 419.764.1835 or george.hayes@utoledo.edu.
Updates made to student parking spaces in Health Science Campus lots 43, 44

Parking lots 43 and 44 on Health Science Campus have been updated with colored stripes to distinguish the spaces that are reserved for specific parking permits.

Student parking spaces in lots 43 and 44 are striped with white parking lines. Yellow lines mark the areas reserved for A permit holders from 8 a.m. to 4 p.m. Students with permit types C or K may park in yellow-lined spaces after 4 p.m., unless otherwise indicated.

Lots 43 and 44 were updated to be consistent with other parking areas across UT campuses.

To allow time for students to get used to these changes, warnings will initially be issued for students parking in a yellow-lined space. After Sept. 4, tickets for parking violations will be issued.

Students should refer to the signs at individual spaces and/or light poles to ensure they are parked in correct spaces based on their permit type.

In memoriam

Joanne B. (Roush) Bast, Toledo, who was a tutor at the University from 1996 to 2001, died July 5 at age 81.

Shirley J. (Veith) Carpenter, Toledo, a public inquiries assistant in Telephone Services at MCO from 1980 until her retirement in 2003, died July 8 at age 83.

Dr. Charles D. Cobau, Toledo, who was a volunteer clinical professor of medicine at MCO/MUO/UT from 1970 to 2007, died July 5 at age 88.

Eva L. Coleman, Toledo, a custodian at the University from 1977 until her retirement in 2010, died May 1 at age 87.

Susanne S. (Orzechowski) Koder, Mequon, Wis., who was a nurse at MCO from 1974 to 2000, died July 11 at age 76.

Dr. Ben Pansky, Toledo, professor emeritus of surgery and noted medical author and illustrator, died July 5 at age 90. He joined the faculty in 1970, one year after his book, “Review of Gross Anatomy,” was published. Pansky drew more than 1,000 illustrations for the work, which has been used by medical students for decades. Many of Pansky’s books have been translated into several languages. When he retired in 1997, he received the emeritus designation. He was hired in 1997 and worked until 2004, when he became a volunteer faculty member. He still had an office on Health Science Campus.

Shipmates

USS Toledo Commanding Officer Orville Cave presented Dr. Barbara Kopp Miller, dean of University College, with a plaque July 19 while at The University of Toledo as part of a visit to the U.S. Navy vessel’s namesake city. The crew members met on campus with University leaders and the Student Veterans of America UT Chapter, and toured the Veterans Lounge in Carlson Library, the Glass Bowl and Ritter Planetarium. The USS Toledo, which was commissioned in 1995, is a third-generation Los Angeles-class fast-attack submarine that is based at the Naval Submarine Base New London in Groton, Conn.

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The University of Toledo Athletic Department has announced that 2018-19 men’s and women’s basketball season tickets are now on sale.

Season ticket plans are available with a variety of pricing options, benefits and new opportunities.

Season ticket options for men’s basketball include the lower level premium blue and gold sections. These premium areas are some of the very best seats in Savage Arena and require a Rocket Fund premium seat payment.

New to the 2018-19 season is the expansion of the premium purple season ticket package to include section 101 and part of section 110. Season tickets for this section start at $180 plus a premium seat payment of $75. Other reserved season ticket options for the men are available in the upper east level starting at $80.

Women’s basketball elite reserved season tickets are $150 in sections 108, 109 and the first five rows of section 102 and 103. General admission season tickets for women’s basketball are priced at $95.

Another new option for the 2018-19 basketball season is a youth season ticket price (50 percent discount for 12 and younger) in all areas.

Also, the UT Athletic Department is pleased to announce a ticket exchange program where season ticket members can exchange tickets for games they cannot attend.

Season ticket members may exchange a ticket they are not using for a ticket of equal or lesser value to a future home game. Some restrictions may apply, and all ticket exchanges are based upon availability. In addition, exchanges must be made at least 48 hours in advance of the game with the physical ticket at the UT Ticket Office.

A limited number of club and loge seats also are on sale. Fans may contact the Athletic Development Office at 419.530.4183 for more information or to purchase.

Full-time UT employees and retirees may purchase up to two season tickets at half-price. Additional season tickets may be purchased at the full price.

Fans who order season tickets by the early bird deadline of Friday, Aug. 10, will receive a Glass City Basketball T-shirt (one shirt per account). Additional benefits include:

- Discount to Rocky’s Locker;
- Complimentary general admission parking (Rocket Fund donors receive premium parking);
- Special discounts from corporate partners of the Athletic Department;
- Invitations to various Athletic Department special events throughout the year;
- Pre-sales for special events; and
- Rocket Athletic Department emails.

For more information or to purchase season tickets, visit the UT Athletic Ticket Office in the Sullivan Athletic Complex in Savage Arena, contact the UT Athletic Ticket Office at 419.530.GOLD (4653), or go online at utrockets.com/tix.

Cullop is entering her 11th year at the helm of the Toledo program in 2018-19. Under her guidance, the Midnight Blue and Gold has amassed an impressive 220-111 overall record and a 116-54 Mid-American Conference mark. UT is averaging a MAC-best 22.0 wins over the last decade.

Tricia has worked tirelessly for the WBCA as a board member and now as vice president,” Rizzotti said. “She is committed to our mission, objectives and values. No one is more deserving of this opportunity to lead our association.”

Founded in 1981, the professional association is for coaches of women’s and girls’ basketball at all levels of competition. The WBCA offers educational resources that coaches need to help make themselves better leaders, teachers and mentors to their players; provides opportunities for coaches to connect with peers in the profession; serves as the unifying voice of a diverse community of coaches to those organizations that control the game; and celebrates those coaches, players and other individuals who excel each year and contribute to the advancement of the sport. Visit wbca.org for more details about the association.

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The three-time MAC Coach of the Year is currently fifth in league history in overall winning percentage and ninth in conference winning percentage.