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We Are...Marshall, May 22, 2019

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Blackboard services
WILL NOT BE AVAILABLE May 25-27

In order to continue to provide the latest tools and best Blackboard service, a behind-the-scenes upgrade is required. Students should plan to work ahead to meet course deadlines and due dates.

Service will return
May 28 at 8 a.m.

For additional information, please contact onlinelearning@marshall.edu.
Available August 2019! These furnished apartments for Marshall graduate and professional students also are available to faculty and staff.

Located on the health science campus, steps away from the medical and pharmacy schools. Studio and 2-BR units available, with ALL utilities (including internet and television) and parking included. W/D in every unit. Pet friendly. Flexible leasing options.

Call 304-696-6004 or visit www.marshall.edu/graduatetestudenthousing.
Registration is now open for Herd Glow 5K, Marshall’s 2nd annual Rainbow Run at 9 p.m. on June 21 in Huntington.

The event features a nighttime 5K through Marshall’s Huntington campus, and it begins and ends at the Memorial Fountain.

Registration prior to June 7 is $25 and guarantees a T-shirt. Registration after the early deadline is $30 and a T-shirt cannot be guaranteed.

Proceeds fund a scholarship, which benefits undergraduate students who have demonstrated contributions to diversity, equality or inclusion initiatives. The scholarship will be endowed when $15,000 is raised. To learn more about the Marshall University Diversity, Equality and Inclusion Scholarship, visit http://www.marshall.edu/diversity/scholarship/.

To help prepare for the event, a free Couch to 5K program is also underway.

To learn more about the 5K, the Couch to 5K program or to register to participate or volunteer, visit http://www.marshall.edu/diversity/5k/.
Forensic Science Center hosts international training for U.S. Department of Justice program

The Marshall University Forensic Science Center (MUFSC) partnered with the U.S. Department of Justice International Criminal Investigative Training Assistance Program and Science Applications International Corporation earlier this month in Huntington to provide advanced DNA Validation Training to 18 forensic DNA scientists with the Republic of Iraq Ministry of Interior Criminal Evidence Directorate, including its Director Major General Talib Khalil Raahi.

The training was designed and conducted by Dr. Valerie Mattimore Fuller, a Department of Justice contractor and DNA expert, and included lecture and advanced practical laboratory exercises using the training facility at Marshall’s Forensic Science Center. The center boasts a state-of-the-art, functional DNA training laboratory offering the latest forensic DNA testing platforms and a computer lab equipped with full DNA analysis software, individualized software and learning workstations, as well as 24-hour on-call support staff.

This training was groundbreaking for the International Criminal Investigative Training Assistance Program and the Science Applications International Corporation.

“MUFSC was one of only a handful of U.S. venues capable of handling the technical needs of this one-week accelerated learning course,” Fuller said. “Marshall University can now say that they have advanced the fight against global terrorism that affects Iraqis, Americans, and us all.”

The course attendees included top Iraqi forensic DNA analysts/police, who have been doing this work since 2009 via their DNA reporting results and databasing efforts in Baghdad, Babil, Najaf, and Al Hillah.

“I had worked onsite with Iraqi Ministry of Interior Criminal Evidence Directorate in Baghdad back in 2008-2009, establishing their DNA testing capability,” Fuller said, “and now in 2019, the number of DNA analysts has grown into a group of frontline scientists, both men and women, who are DNA profiling captured ISIS fighters, terrorists and criminals. This course allowed them to up their game against crime and terrorism by providing them some recently developed, cutting-edge DNA mixture interpretation tools for better setting the standardized thresholds necessary for confident, high quality, globally-useful DNA database hits in this fight.”
“We value our partnership with the Iraqi Ministry of Interior Criminal Evidence Directorate and are extremely pleased with the results for the DNA Validation training presented in partnership with Marshall University’s Forensic Science Center,” said Gregory E. Ducot, acting director of the Justice International Criminal Investigative Training Assistance Program. “Sharing information, skills and best practices strengthens our shared goal of improved security. Forensic capacity development is particularly critical to improving investigations of transnational criminal and terrorist incidents.”

The training was a great opportunity for the Marshall University Forensic Science Center, as well as the attendees, said MUFSC Director Jason Chute. “Our own scientists enjoyed interacting and making a difference on an international level,” he said. “We hope to provide more trainings of this caliber in the future.”

In the past, the Marshall University Forensic Science Center has provided international training to the countries of Mexico and Malaysia, whose citizens and scientists had partnering agreements in place for fighting crime with U.S. agencies.

The Center was established in 1999 and recognized as a Criminal Justice Agency by the State of West Virginia in 2016. It serves as a national and international resource for state and local criminal justice agencies. For complete information about the center’s services and accreditation, including international standards, please visit forensics.marshall.edu

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Photo: The Marshall University Forensic Science Center partnered with the U.S. Department of Justice International Criminal Investigative Training Assistance Program and Science Applications International Corporation in early May 2019 to train Iraqi forensic DNA scientists.

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The Robert C. Byrd Institute (RCBI) and Advantage Valley, in conjunction with the West Virginia Development Office, will sponsor an expo Thursday, June 13, in Hurricane to link small businesses with major West Virginia chemical and polymer manufacturers.

Attendees of the West Virginia Chemical and Polymer Supply Chain Expo will learn about the processes to become suppliers to manufacturers such as APG Polytech, Braskem, Clearon, Kureha, Optima Belle and Rubberlite, and have an opportunity to meet one-one-one with company representatives to learn about supplying materials, services and commodities necessary for day-to-day operations.

Recently, similar expos focusing on the automotive and aerospace industries resulted in several West Virginia companies becoming registered vendors for leading manufacturers in those sectors, according to Derek Scarbro, director of RCBI’s Appalachian Hatchery initiative.

“One way RCBI grows West Virginia’s economy is by connecting existing businesses to contracting opportunities here at home,” Scarbro said. “This, in turn, enables larger manufacturers such as those in the chemical and polymer sector to learn about
potential in-state suppliers, some of which may be capable of providing goods and services faster, more reliably and even cheaper.”

Terrell Ellis, executive director of Advantage Valley, sees great benefit in business-to-business events such as the expo. “If small businesses have the opportunity to learn the needs of key industrial players, they may have the capability to become a part of the local supply chain. It can be a win-win situation, allowing companies to make the choice to use a local supplier,” Ellis said. “This opens new markets for our small businesses. We all know that when we grow our local businesses, it has an exponential effect on the local economy. Sometimes our existing businesses need a little help to serve a new economy, one that is no longer based primarily on coal.”

The June 13 expo will run from 1 p.m. to 5 p.m. at Valley Park Conference Center in Hurricane. The event is free and open to the public. Register at www.rcbi.org/go/chemicalexpo.

The event is a project of RCBI’s Appalachian Hatchery, in partnership with Advantage Valley, which is part of POWER (Partnerships for Opportunity and Workforce and Economic Revitalization), a multi-agency initiative that delivers federal resources to help communities affected by job losses in coal mining and related industries. Funding is provided by the Appalachian Regional Commission, U.S. Economic Development Administration and the Claude Worthington Benedum Foundation.

For more information, contact Ellis at 304-546-7323 or Scarbro at 304-781-1684.

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Marshall to host ‘Computer Science Adventure Zone’
weeklong camp for grades 5-12

The College of Information Technology and Engineering will offer “Computer Science Adventure Zone: Robots and Cybersecurity,” a weeklong camp planned for June 17-21. It goes on from 9 a.m. to 3 p.m. daily in Room 2119 of the Weisberg Family Applied Engineering Complex.

The camp, offered through the Weisberg Division of Computer Science, is open to students in fifth through 12th grades. The primary focus of this camp will be “Robotics and Cybersecurity.”

The robotics activities will be on Monday, Tuesday and Wednesday, and the registration fee is $100 per student. The cybersecurity activities will be on Thursday and Friday, and the registration fee is $50 per student. The registration fee is $150 per student for both robotics and cybersecurity.


For more information, contact Emily McCallister by e-mail at mccallist118@marshall.edu or Dr. Husnu Narman at narman@marshall.edu.
Women’s soccer team to host youth camps for youth of both sexes

Marshall’s women’s soccer team will present soccer camps for young people beginning Monday, June 17.

The camps are designed for players interested in learning what it takes to play soccer at the next level and to get younger players interested in playing soccer. It will put players in a training environment similar to a college setting, with the ultimate goal of players enjoying their experience within the game.

Players will train with Marshall University coaches. Demonstrations and game play feature the correct technical methods and enable players to recreate those skills in game scenarios.

Youth Half-Day Camp
June 17-21, from 9 a.m.-Noon
Boys and Girls, Ages 5-12

Striker and Goalkeeper Clinic
June 19-21, from 6-8 p.m.
Boys and Girls Ages 11-18
School of Medicine selects Nemade as May Resident of the Month

Dipali Nemade, M.D., M.P.H., has been named the Joan C. Edwards School of Medicine’s Resident of the Month for May, announced Paulette S. Wehner, M.D., vice dean for graduate medical education at the school.

“This month’s recognition is of a resident who is widely known for her passionate patient care, teaching ability and research acumen,” Wehner stated. “Dr. Nemade has excelled in her training and personifies both caring and compassion in her interactions with patients, staff and other health care professionals. It is an honor to recognize her as the first neurology resident to receive this award. Her zeal to learn is obvious to those who work with her.”

Nemade is completing her second year of the categorical four-year neurology residency at Marshall. She was nominated by Stroke Program Coordinator Mitzi Beckett, who wrote that Nemade “provides education to patients and staff and is readily available as needs arise. She is always prompt, kind, and courteous and eager to learn and teach.”

Born in India, Nemade earned her medical degree from the MGM Medical College and Hospital in Navi-Mumbai, India, and a Master in Public Health (M.P.H.) from the University of Toledo. She was one of four residents recently chosen for induction into the Gold Humanism Honor Society in recognition for humanistic practice.

“Dr. Nemade exemplifies all that embodies a complete resident physician,” said Justin M. Nolte, M.D., neurology residency program director. “She understands the importance of a multidisciplinary approach to patient care as well as the importance of being a lifelong learner. Her approach has allowed her to provide better patient care.”

As a member of Marshall’s inaugural class of neurology residents, Nemade is the first neurology resident to be selected as resident of the month. Nemade plans to complete a fellowship upon completion of her residency in 2021. She is married and has a young son. In her spare time, she likes to read, bike, sing and watch movies. As part of her recognition as the May Resident of the Month, Nemade received a plaque and designated parking spot.

Paul Ferguson, M.D., chair of the department of neurology added that Nemade’s “incredible teaching ability and commitment to education has made her a favorite amongst both her co-residents and medical students alike.”
Dr. Wael Zatar, dean of the College of Information Technology and Engineering, will participate in the 2019 Bridge Engineering Institute Conference, to be sponsored by the Transportation Research Board this summer.

The conference is a forum for international researchers and practitioners around the world who will discuss the latest research and practices on bridge engineering and related fields.

Zatar also recently participated in the 98th annual meeting of the Transportation Research Board (TRB) in Washington, D.C., and serves as the chair for the board’s National Committee on Structural Fiber Reinforced Polymers, Structures Section, and the American Association of State Highway and Transportation Officials. Zatar chaired a meeting on Structural Fiber Reinforced Polymers (FRP) and a session on FRP Composites Innovations and Applications. He also chaired a workshop on Fiber Reinforced Polymer Deployment in Bridges and helped coordinate all the efforts of the fourteen TRB committees within the structures sections.

Zatar has been a member of the TRB committee for 12 years. The National Committee on Structural Fiber Reinforced Polymers, which he chairs, focuses on the development and use of structural applications of fiber-reinforced polymer composites for transportation-related structures, including bridges, maintenance, buildings, pipes, guard rails and more. Zatar organizes meetings, develops research-need statements, arranges for special publications and serves as a liaison with technical committees and constituency groups, including the Federal Highway Administration Fiber-Reinforced Polymer Composites virtual team, the American Concrete Institute and the American Association of State Highway and Transportation Officials.
The TRB is a division of the National Research Council, a nonprofit institution providing expertise in science and technology to the government, the public, and the scientific and engineering communities. The council is jointly administered by the National Academy of Sciences, the National Academy of Engineering and the Institute of Medicine.

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Marshall researchers showcase work at Digestive Disease Week

Seven researchers with Marshall connections presented their work at this month’s Digestive Disease Week®, or DDW. The conference is the world’s largest gathering of physicians, researchers and industry in the fields of gastroenterology, hepatology, endoscopy and gastrointestinal surgery.

“It’s really the pinnacle event in our field and offers a unique opportunity to showcase our research to an international audience,” said Uma Sundaram, M.D., AGAF who is vice dean for research and graduate education at the Joan C. Edwards School of Medicine. “Abstracts submitted for this meeting are notoriously difficult to get accepted for presentation. At this year’s meeting in San Diego, we had a record eight abstracts accepted for presentation from the Marshall University Joan C. Edwards School of Medicine—the most presentations from Marshall ever accepted to DDW.”

The research presented by Marshall at DDW was carried out and presented by BS/MD and graduate students, postdoctoral fellows and junior faculty. Their research focused on two of the most common digestive conditions in West Virginia—obesity and inflammatory bowel disease (IBD)—and how intestinal nutrient absorption may be affected by these conditions in hopes of discovering novel treatments.
Here are the presentations with Marshall connections:

- **Subha Arthur, Ph.D.**, assistant professor of clinical and translational science, on “inducible nitric oxide mediated phosphorylation regulates the altered activity of downregulated in adenoma (DRA) in a mouse model of spontaneous ileitis” and the “Effect of farnesoid x receptor activation on bile acid absorption associated proteins in intestinal epithelial cells”
- **Molly Butts, Ph.D.**, 2019 PhD graduate in Biomedical Research, on “Moderate ethanol consumption inhibits villus cell brush border membrane NA-dependent nutrient absorption in the small intestine”
- **Jennifer Haynes, Ph.D.**, research assistant professor of clinical and translational science, on “Establishment of long-term normal human intestinal epithelial organoid cultures to study the regulation of intestinal nutrient and electrolyte transporters”
- **Niraj Nepal, Ph.D.**, 2019 PhD graduate in Biomedical Research, on “Mechanism of inhibition of villus cell Na/K-ATPase by PGE2 in the chronically inflamed intestine”
- **Balasubramanian Palaniappan, Ph.D.**, instructor of clinical and translational science, on “Unique regulation of intestinal epithelial cell NA-glucose CO-transporter SGLT1 by constitutive nitric oxide”
- **Soudamani Singh, Ph.D.**, assistant professor of clinical and translational science, on “Regulation of NA-glutamine CO-transport B0AT1 in villus cells during obesity”
- **Vijaya Sundaram, B.S./M.D. student**, on “Adipose-derived secretome (ads) mediates the stimulation of intestinal epithelial cell NA-glucose CO-transport (SGLT1) during obesity”

This research is supported by National Institutes of Health (NIH) and Veterans Administration grants.

Photos: (Above) Dr. Subha Arthur with one of her two presentations at this month’s Digestive Disease Week conference. (Below) Vijaya Sundaram with her presentation.
Businesses raise funds for Autism Training Center

Two locally owned businesses raised $1,500 for the West Virginia Autism Training Center in connection with Autism Awareness Month in April.

SIP Wine and Whisky Bar and Pita Pit, Huntington-based businesses near the Huntington campus, partnered with the center to raise funds and community awareness about autism.

Allison White donated to the center 7% of each individual sale during April to SIP patrons who identified themselves as a “friend of WV ATC.” In addition, SIP hosted a “SIP and TIP BIG” fundraising event in late April; administrators from the center served drinks all evening for tips, and SIP donated 10% of final sales for that night directly to WV ATC.

Pita Pit restaurant, located at 1216 4th Ave. in Huntington, collected donations for the center from customers throughout the month. Owner Stetson Myers decorated his restaurant with the center’s colorful logo to attract attention to autism and to generate dialogue about the developmental disorder.
Two Marshall students have won Benjamin A. Gilman Scholarships to study abroad. Gilman Scholars receive up to $5,000 to apply towards their study abroad or internship program costs with additional funding available for the study of a critical language overseas.

Olivia Revels-Strother (left) and Tatiana Schrader are two of 1,100 American undergraduate students from across the United States selected to receive the Gilman scholarship to study or intern abroad during the summer of 2019. More than 5,000 applications were received.

Revels-Strother, a junior majoring in psychology, received a scholarship to study in Spain for the Summer 2019 term. Revels-Strother works on the Huntington campus as a resident advisor, and is also a member of the Honors College and Society of Black Scholars. She hopes to study in Spain in order to increase her language skills, as she wants to eventually work with the State Department as a forensic psychologist and translator.

“It is my goal to help in any way I possibly can—which is why I want to study abroad,” she said. “Studying abroad will not only strengthen my current knowledge of the language, but also help me to become more well-rounded.”

Schrader, a senior double majoring in environmental science and health sciences, also received the scholarship for Summer 2019 study. She will spend her summer in Tanzania working in orphanages and HIV/AIDS clinics. Schrader says she is looking forward to using what she has learned here at Marshall in her summer abroad.

“I am incredibly excited, to gain hands-on fieldwork experience through this service learning practicum,” Schrader said.

Schrader is vice president of the Marshall University Environmental Science Association, a member of the Honors College and a Yeager Scholar. She is a past participant in a Fulbright Summer Institute, as well as a recipient of a Hispanic Scholarship Fund Scholarship. She plans to combine her interests in public health and the environment by pursuing graduate degrees in environmental and human health, with a concentration on plastic pollution and its effect on human and wildlife health.
The Gilman Scholarship supports American undergraduate students of limited financial means to study or intern abroad and, since 2001, has enabled more than 25,000 outstanding Americans of diverse backgrounds to engage in a meaningful educational experience abroad. The program has successfully broadened U.S. participation in study abroad, while emphasizing countries and regions where fewer Americans traditionally study.

The Gilman program is sponsored by the U.S. Department of State’s Bureau of Educational and Cultural Affairs and is supported in its implementation by the Institute of International Education (IIE). For more information about the Gilman scholarship, visit its website at https://www.gilmanscholarship.org or contact Mallory Carpenter, program manager of national scholarships at Marshall, by phone at 304-696-2475 or by e-mail at Mallory.carpenter@marshall.edu.

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WMUL-FM takes home Hermes Creative Awards, Communicator Awards


WMUL received four Platinum Awards, 13 Gold Awards and 10 Honorable Mention Awards in The Hermes Creative Awards 2018-2019 competition, announced May 6 in Dallas. They were winners among approximately 6,000 entries for the Hermes awards, administered and evaluated by the Association of Marketing and Communication Professionals.

In the Communicator Awards Competition, WMUL received two Awards of Excellence and 12 Awards of Distinction. The Communicator Awards are announced May 10 by the International Academy of Visual Arts, and also had 6,000 entries.

“This tremendous effort helps to build upon the most successful year ever by the volunteer student staff of WMUL-FM in garnering recognition for Marshall University, the College of Arts and Media, as well as the W. Page Pitt School of Journalism and Mass Communications from state, regional and national broadcasting organizations that evaluate the work done at campus radio stations,” said Dr. Chuck G. Bailey, professor of radio-television production and management in the W. Page Pitt School of Journalism and Mass Communications at Marshall University and faculty manager of WMUL-FM.

These awards helped the WMUL-FM student broadcasters achieve their highest grand total of awards for single year, with 146 awards for the 2018-2019 academic year, with another contest remaining to be judged.
Lists of the WMUL-FM winners are located online at [www.marshall.edu/ucomm/2019/05/17/marshalls-wmul-fm-takes-home-hermes-creative-awards-communicator-awards](http://www.marshall.edu/ucomm/2019/05/17/marshalls-wmul-fm-takes-home-hermes-creative-awards-communicator-awards).

The next regular issue of *We Are...Marshall* will be distributed May 29, 2019. Please send items for consideration to [WAMnewsletter@marshall.edu](mailto:WAMnewsletter@marshall.edu) by 5 p.m. Friday, May 24, 2019.

To read the content of this newsletter online, please click on the following link: [www.marshall.edu/wamnewsletter/May-22-2019](http://www.marshall.edu/wamnewsletter/May-22-2019).