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We Are...Marshall, June 5, 2019

Office of Marshall University Communications

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WE ARE... MARSHALL®

The Newsletter for Marshall University

June 5, 2019

Volunteers needed for 9th annual bike camp



Volunteers are needed for Marshall University's annual iCanShine bike camp, a program that teaches individuals with disabilities to independently ride a two-wheel bicycle. Offered through a partnership with the non-profit charity iCanShine, the camp uses adapted bicycles, a specialized instructional program and trained professionals to enable individuals with disabilities to learn to ride.

This year's summer program will take place Monday, June 10, through Friday, June 14, at the Phil Cline Family YMCA. With 75 minutes of daily instruction over five days, over 80% of the disabled campers learn to ride a conventional bicycle independently. Please consider volunteering 75 minutes a day to help a child who may never otherwise be able to learn to ride, gain self-confidence and be given the opportunity to participate in activities with family and friends. Even if you can't commit to helping for the entire week, we encourage you to lend what time you do have to this wonderful program.

The same two spotters work with the same child all week, so they truly share in the pride and joy of their success at the end of the week. This is a great opportunity to share your love of physical activity and help a child and their family achieve something they may not have thought possible.

To learn more about the 2019 iCanShine bike camp, visit www.marshall.edu/icanshine. To download the Volunteer Registration Form, visit <http://www.marshall.edu/icanshine/files/Volunteer-Registration-Form-2019.pdf>.

For questions, contact the camp director, Dr. Liz Pacioles, by phone at 304-696-5831 or by e-mail at caseyel@marshall.edu.

Herd Fan Friday Contest

Follow us **June 7 - August 2**
to find out how you can win!

@MarshallU
#HerdFanFriday



New contests will be posted *each Friday*.
One winner will be randomly selected and
announced the following Monday.



MARSHALL UNIVERSITY
SCHOOL OF PHYSICAL THERAPY PRESENTS

the

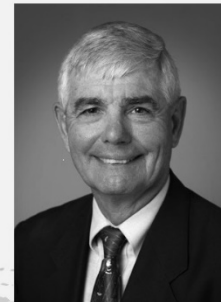
PENNY G. KROLL

■ Visiting Speaker Series ■

with **David G. Greathouse**

**"PT Practice Models: A Direct Access/Primary Care
Perspective and Leadership and Professional Challenges."**

Friday, June 7, 2019 • 12:15 p.m. - 2 p.m.
St. Mary's Center for Education, Pallottine Room
(2853 5th Avenue in Huntington)



David G. Greathouse PT, PhD, ECS, FAPTA

All local Physical Therapy Clinicians and
Marshall University Faculty are welcome to attend.
1.5 Hours of CEUs offered through the WVBOPT

Contact Dr. Scott Davis at davis1090@marshall.edu to learn more.



Beech Fork Lodge and Conference Center public meeting to take place June 11

The Center for Business and Economic Research (CBER) and the Wayne County Economic Development Authority (WCEDA) are hosting a public meeting to discuss the potential lodge and conference center at Beech Fork State Park. The purpose of this meeting will be to: (1) provide an overview of the history of the project; (2) present recent developments and complementary projects that will contribute to the success of this effort; (3) gather formal and informal support from local residents, businesses, and organization to utilize the lodge and conference center if built; and (3) brainstorm opportunities and identify ways that the community can get involved in making the Beech Fork Lodge and Conference Center a reality. Senators, delegates, and commissioners from Cabell and Wayne counties will be in attendance.

The meeting will take place Tuesday, June 11, at 6:30 p.m. at the Creekside Golf Course (400 Royal Birkdale Dr Lavalette, WV 25535). For more information, please see the event page at <https://www.facebook.com/events/2671644776243300/>. For more information, please contact Tricia Ball at ballt@marshall.edu or 304-696-5745.

Fairfield Landing apartments available to faculty, staff



FAIRFIELD LANDING
GRADUATE STUDENT HOUSING
All-inclusive apartment living
in a safe, convenient location.

NOW LEASING!

www.marshall.edu/graduatestudenthousing

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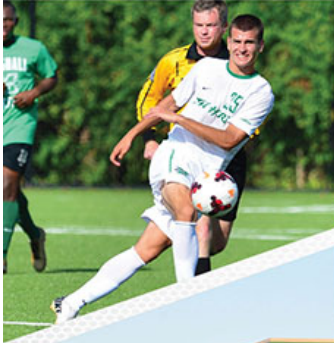
Available August 2019! These furnished apartments for Marshall graduate and professional students also are available to faculty and staff.

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/graduatestudenthousing.



THE MARSHALL MEN'S SOCCER SUMMER 2019 CAMP SERIES



MARSHALL SOCCER DAY CAMP

Ages 5-18 Boys and Girls

June 24-27

July 15-19 (Held at both Shawnee Soccer Complex in Dunbar and Veterans Memorial Soccer Complex at Marshall)

9 am – 12 pm

\$150 per person

No matter your experience level, sign up for a fun-filled camp that will build overall skills and make great memories!

*\$50 off for siblings and groups of 5 or more | \$75 off for groups of 10 or more

MARSHALL MEN'S SOCCER SUMMER ELITE ID CAMP

Grades 8-12 and older

April 20th 10 am – 3 pm | June 26th 3 – 8 pm | July 20th 10 am – 3 pm

\$100 per person

Whether you're an elite youth player interested in playing for the Herd one day, or just looking to take your game to the next level, this is one opportunity you don't want to miss!

MARSHALL GOALKEEPER/STRIKER CAMP

Ages 8-18 Boys and Girls

July 27 - 28

\$175 per person

Challenge yourself to a weekend with great saves and world class goals! Players are put in front of the goal for two straight days. As one of the most well attended camps in the state, register early to reserve your spot!

**Veterans Memorial Soccer Complex
at Marshall University**
2590 5th Avenue, Huntington, WV

Shawnee Sports Complex
519 King Street, Dunbar, WV 25064



@HERDMSOCCER

HERDzone.com

To sign-up please contact Alex Fatovic at, 304-696-2594 or fatovic@marshall.edu

RCBI to offer hands-on coding camps for youth



Students from across the region will learn in-demand computer coding skills during Python Coding Camps at the Robert C. Byrd Institute (RCBI) in Huntington and South Charleston.

Middle and high school students will explore Python coding – the same powerful language behind websites such as YouTube and Dropbox. They will create games and solve puzzles under the guidance of instructor Leeann Hesson, who has a passion for developing the fundamental

programming and coding skills of young minds. No experience is necessary.

Campers also will explore careers in coding, technology and information security as they learn about the connection between programming skills and the real world.

The first camp, at RCBI Huntington (1050 Fourth Ave.), is scheduled for June 24-28. The July 15-19 camp will be on the Marshall University South Charleston campus (100 Angus E. Peyton Dr.). Each weeklong camp will run daily from 10 a.m. to 2 p.m.

The cost is \$95 per camper and includes lunch and a copy of the book “Mission Python: Code a Space Adventure Game!” Seating is limited, so early registration is encouraged online at <https://wvmakes.com/coding-camps/>. For more information, contact Deacon Stone, RCBI Maker Vault/STEM coordinator, at 304.781.1659 or dstone@rcbi.org.

The Marshall University School of Physical Therapy
Invites you to the annual

GOLF

SCRAMBLE

Teams of four will compete in an
18-hole scramble for a variety of prizes.

All proceeds will benefit the Marshall School of
Physical Therapy Class of 2020.

4- PERSON TEAM SCRAMBLE
\$240/team or \$60/person
(Includes 18 Holes, Cart, and Lunch!)
50/50 Raffles & Hole Prizes

Saturday, June 29, 2019 • 8 a.m. Shotgun Start
Creekside Golf Course (400 Royal Birkdale Dr., Lavalette, WV)

To register, please contact Brandon Broussard with questions
at Broussard4@marshall.edu or by calling 337-912-5501.



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Marshall Dentistry offers teeth whitening discount for employees

Posted on May 8, 2019



Marshall Dentistry & Oral Surgery

30% OFF IN CHAIR WHITENING
Only \$385 for a limited time
All Marshall Health, Cabell Huntington Hospital
& Marshall University employees.

Call 304-691-1247
for appointment.

Expires 8.31.19

Marshall Dentistry and Oral Surgery is offering 30% off its in-chair whitening services for Marshall Health, Marshall University and Cabell Huntington Hospital employees now through Aug. 31, 2019. Tooth discoloration or staining can be caused by food and drink, bad habits, medications, genetics, advancing age and/or trauma. Professional whitening is a fast,

easy way to enhance your smile. Our dental team uses Opalescence® Boost whitening gel to remove years of discoloration in one visit. This service is performed in our office without the use of lights or lasers. To schedule an appointment, call 304-691-1247.

School of Pharmacy to launch new substance use disorder certificate program

The [School of Pharmacy](#) has been awarded funding to create a substance use disorder certificate program for professional health care students.

“This new program will emphasize interdisciplinary collaboration and equip students with the knowledge and skills they need to provide optimal care for patients with opioid use disorder,” said Gayle A. Brazeau, Ph.D., dean of the school of pharmacy.

The project will be led by Casey Fitzpatrick, Pharm.D., an assistant clinical professor at the school and clinical pharmacist at Pretera Center, along with Brittany Riley, Pharm.D., Charles “CK” Babcock, Pharm.D., and Kim Broedel-Zaugg, R.Ph., Ph.D. The school of pharmacy plans to pilot the certificate program with health care post-graduate trainees and students this fall.

Funding was awarded on behalf of the division of addiction sciences in the department of family and community health at the [Marshall University Joan C. Edwards School of Medicine](#) through the Substance Abuse and Mental Health Services Administration’s (SAMSHA) State Opioid Response (SOR) grant.

MU presents research at World Confederation for Physical Therapy Congress in Switzerland



Representatives from the School of Physical Therapy presented research last month at the World Confederation for Physical Therapy (WCPT) held in Geneva, Switzerland, May 10-13, 2019.

The World Confederation for Physical Therapy Congress is an international conference held biennially, according to Dr. Yi-Po Chiu, associate professor and director of admissions for the school. Chiu presented research at the conference with Dr. Rebekah Green, a 24-year-old recent

graduate in physical therapy from Argillite, Kentucky. He said the faculty encourages and supports students' participation in state, national and international conferences, especially when presenting their accepted research product.

"For the first time, this poster presentation reported the psychometric properties of a clinical balance measure, the Functional Gait Assessment (FGA) in a pediatric population, and proved FGA is a reliable and valid assessment tool that can be used in children," Chiu said.

"I am very proud of Rebekah's presentation in Switzerland, and I truly believe this valuable experience will be beneficial to her professional development."

Green chose to miss her own commencement ceremony to be in Switzerland. She said being able to present her research internationally was an amazing experience because it allowed her to take what she's learned in the classroom and apply it to real outcomes.

"It was interesting to meet people from all over the world and to be able to talk to them about my research," Green said. "The conference was also a wonderful opportunity to learn new information and to further validate the information taught during school. I decided, along with my capstone research group, to explore this topic due to our interest in the pediatric population and our interest in exploring effective ways to measure a child's balance. During school we were exposed to the different outcome measures we utilized during our research. It taught me the basics of working with children and allowed me to understand the common strategies used by children in order to maintain their balance."

With his teaching responsibility mainly focused on neurological physical therapy, Chiu said that under the guidance of faculty, students can fully experience and independently execute steps of conducting a research project from beginning to end.

To learn more about the 2019 WCPT, visit <https://www.wcpt.org/congress>. For more information about research opportunities for our physical therapy students, visit www.marshall.edu/physical-therapy.

Marshall to offer online master's degree in accounting

The Brad D. Smith Graduate School of Business is now offering an online Master of Science in Accountancy (MSA) program that mirrors the full-time, on-campus option.

Dr. Avi Mukherjee, dean of the Lewis College of Business, said this option will allow for more accounting students and professionals to obtain the required credits to sit for the CPA exam, while gaining knowledge of accounting theory and application of that knowledge to specific accounting practices in a global economy.

The MSA degree program is a 30 credit hour, graduate, AACSB-accredited program that can be completed in three or four semesters. The MSA will prepare students to successfully enter the accounting profession and satisfy the educational requirements to become a Certified Public Accountant. The program features professional accounting research methods using electronic databases as well as computer auditing techniques. Ethics and professional services are stressed throughout the program. This program is essential to helping meet the demand for public accountants in West Virginia.

According to the Bureau of Labor Statistics, demand for accountants and auditors – both of which prepare and analyze financial records – is expected to rise by 10 percent between 2016 and 2026. The median annual salary for accountants and auditors was \$70,500 in 2018.

“We are extremely excited to offer this graduate degree option online to serve our working professional students who want to expand their business education and accounting skills,” Mukherjee said.

The program is accepting applications now until Aug. 1 for the fall semester, and thereafter on a rolling basis. To apply, visit www.marshall.edu/apply. For more information about admission requirements for the MSA online degree program, contact Wes Spradlin, associate director of graduate programs, by e-mail at spradlin2@marshall.edu or by calling 304-746-8964.

For more information any other business academic programs, visit www.marshall.edu/cob.

Research reveals role of fat storage cells in anti-obesity intervention

New research from a team at the Joan C. Edwards School of Medicine establishes a role of adipocyte Na/K-ATPase signaling in worsening obesity and its companion diseases, including neurodegeneration and non-alcoholic steatohepatitis (NASH), that was enhanced by specific targeting of NaKtide, an antagonist of Na/K-ATPase signaling, to the adipocyte.

The findings are published in the May 28, 2019, edition of *Scientific Reports*, an online journal from the publishers of *Nature*.

“I am very excited about the work in the current *Scientific Reports* article and the clinical relevance it presents for the role of adipocytes in obesity and other disease states,” said Komal Sodhi, M.D., senior author, and associate professor of surgery and biomedical sciences at the Joan C. Edwards School of Medicine.

The results from this study at Marshall demonstrate that the Na/K-ATPase oxidant amplification loop in adipocytes, or cells specialized for fat storage, when impaired, could cause adipocyte dysfunction, worsening obesity and potentially increasing the severity of related diseases. The basis of the research examined more closely the role of the adipocyte in obesity, including how it impacts oxidative stress, inflammation, neurodegeneration and NASH. The researchers were able to successfully demonstrate through decreased adiposity and an improved metabolic profile the therapeutic potential of targeting NaKtide to the adipocytes.

“Our data clearly suggests that obesity and the Na/K-ATPase oxidant amplification loop plays a role in neurodegeneration,” said first author Rebecca Pratt, a Ph.D. candidate in the department of biomedical research at Marshall University. “Even targeting NaKtide to adipocytes alone still showed a whole-body effect, which highlights the much larger role that adipocytes play in obesity and whole body homeostasis.”

This work builds on the body of work initiated by Marshall Institute for Interdisciplinary Research (MIIR) Director Zijian Xie, Ph.D., on the previously unappreciated signaling function of the NaK-ATPase. To read the article its entirety, please visit <https://www.nature.com/articles/s41598-019-44350-9>.

Do you know someone who needs food assistance?

Visit the Marshall University Food Pantry this summer!

Located at 1802 6th Avenue

SUMMER HOURS

Every Wednesday from 9:30 a.m. - 1:30 p.m.

Available for all students, staff,
faculty and community members
needing food assistance.



CONTACT THE DEPARTMENT OF DIETETICS TO LEARN MORE: 304-696-4336.

Sponsored by the College of Health Professions
www.marshall.edu



The next regular issue of *We Are...Marshall* will be distributed June 12, 2019. Please send items for consideration to WAMnewsletter@marshall.edu by 5 p.m. Monday, June 10, 2019.

To read the content of this newsletter online, please click on the following link:

www.marshall.edu/wamnewsletter/June-5-2019.

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