### **Marshall University**

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We Are ... Marshall: the Newsletter for Marshall University 1999-Current

Marshall Publications

1-11-2023

## We Are ... Marshall, January 11, 2023

Office of Marshall University Communications

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# WE ARE... MARSHALL.

The Newsletter for Marshall University Faculty and Staff

January 11, 2023

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### Marshall hires Beals as baseball head coach

JANUARY 10, 2023



Following Board of Governors approval, <u>President Brad D.</u>
<u>Smith</u> announced Thursday that the university has hired Gregory Beals as the head baseball coach of the Thundering Herd.

Beals is the 29th head coach in program history.

"We couldn't be more pleased to welcome Coach Beals to Marshall University," Smith said. "He brings a wealth of experience and a stellar skill set to our university's baseball

program. Marshall is committed to building our baseball program, from the bricks and mortar of our new stadium to a dedicated, championship coach who is uniquely qualified and committed to moving our program forward. We are passionate and poised for the next chapter in our storied baseball history."

Marshall Athletic Director Christian Spears said Beals is the perfect fit as a head coach at Marshall.

"For us, it came down to specific traits that we know Coach Beals possesses: courage, competence, confidence and competitiveness," Spears said. "First, Coach Beals has tremendous courage. He knows our situation at Marshall and sees nothing but promise. He is overtly excited to build a program in one of college baseball's most competitive and well-respected conferences while ushering Marshall baseball into an exciting new era that will soon feature its own oncampus stadium. Coach Beals also possesses the competence and confidence necessary to take on such a job. He knows what it takes to establish a program from the ground up—from development to recruiting to cultivating a winning aura around the program. He has been successful in doing so before and we know he can do it again with us here at Marshall. Not only does he believe in himself, but also our administration's vision for our baseball program, which is why he is eager to be at the forefront of building a program that fans will be proud of on and

off the field. Lastly, it comes down to genuine competitiveness. At the end of the day, a winning experience can connect people forever, but you must put in the work necessary to reap such rewards. Coach Beals is the right leader with the right formula to accomplish all these goals, and we couldn't be more excited to welcome him today."

Before coming to Huntington, Beals was hired as head coach at the University of Akron this past July after spending 12 seasons at the helm of the Ohio State University Buckeyes.

During his time in Columbus, Beals took Ohio State to the NCAA Tournament three times (2016, 2018 and 2019) and won two Big Ten Championships in 2016 and 2019.

In addition to accumulating a 346-288-1 record with the Buckeyes, Beals coached 48 all-Big Ten performers, 32 student-athletes to pro contracts, 21 academic all-Big Ten student-athletes and seven All-America honorees and had a team GPA of 3.09.

Prior to his stint in Columbus, Beals served as head coach at Ball State University for eight seasons, compiling a 243-202 record from 2003-10 and leading the Cardinals to a 2006 Mid-American Conference Tournament title and subsequent NCAA Tournament berth.

Beals' success at Ball State was just as strong in the classroom. In addition to having 21 players sign pro contracts and 18 Cardinals earn all-MAC honors, four players were named Academic All-Americans and 14 were named academic all-MAC honorees while the team had a combined GPA of 3.05.

Beals got his coaching start at as assistant coach at Kent State University in 1995, where he spent eight years as the hitting and catching instructor along with being the recruiting coordinator. During his time with the Golden Flashes, he helped the program reach the NCAA Regionals three times (1994, 2001 and 2002), two MAC regular-season titles (1996 and 2000) and a pair of MAC Tournament titles (2001 and 2002). On the field, he coached 36 student-athletes to all-MAC honors, saw 21 players sign professional contracts and 17 earn academic all-MAC awards.

Beals is a three-time Hall of Fame Inductee, having been inducted into the Clark County (Ohio) Baseball Hall of Fame in 2003, the Stark County (Ohio) Baseball Hall of Fame in 2006 and the Greater Akron Baseball Hall of Fame in 2011. He spent four years in the New York Mets organization after being drafted in the 21st round of the 1991 MLB draft.

Beals graduated with a Bachelor of Science degree in human movement studies in 1995 from Kent State, later earning his Master of Arts in sports management there. He and his wife, Kathy, have three daughters: Kayla, Amber and Morgan.

The board also approved contracts for additional athletics personned	ıel
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*Photo:* Marshall Director of Athletics Christian Spears (left) introduced new Head Baseball Coach Greg Beals at a press conference Jan. 6.

The Marshall University Board of Governors approved requests from the Athletic Department allowing high-tech video scoreboards to be purchased with private funds for several sports including football. The approvals came at its most recent meeting Dec. 14.

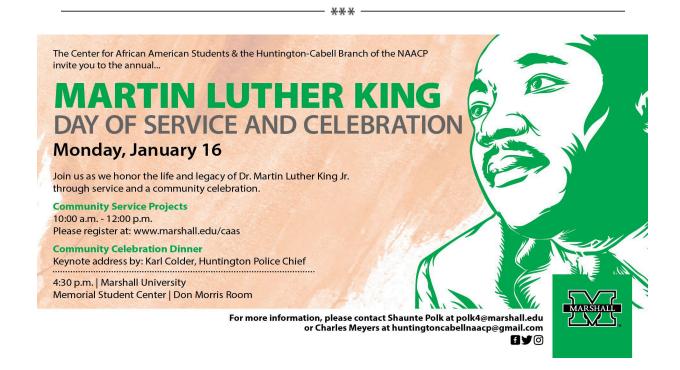
In his presentation to the board, Athletic Director Christian Spears said due to supply chain disruptions, it will be a year for some of scoreboard components to be shipped. Even though the boards will be privately funded, Board of Governors approval was needed because of the cost, which exceeds \$1 million per scoreboard. Spears says the new videoboard will enhance the fan experience tremendously at the Joan C. Edwards Stadium.

In other action at that meeting, the board approved funding for an upgrade to the HVAC systems in Gullickson Hall Gym and the Cam Henderson Center. The system upgrade will provide cooling to the playing surface and fan experience in the Henderson Center, as well as heating and cooling to Gullickson Gym.

The Board of Governors agreed to a revision to the university's alcohol policy expanding where alcohol can be sold on campus and to whom. The revision opens other venues for alcohol sales on campus including the new baseball stadium. It is expected the changes will take effect in January 2023.

In addition, the board also approved a new degree program, M.S. in Natural Resources and the Environment, as well as a change to the M.A. in Pharmaceutical Sciences.

Approval for the university to purchase the **PROACT** building at 20th Street and Eighth Avenue was approved as well.



### Registration opens for Marshall Day at the Capitol

JANUARY 10, 2023



The Herd is coming! Marshall Day at the Capitol will be from 9 a.m. to 1 p.m. on Wednesday, Feb. 1, at the West Virginia State Capitol Complex. Marshall University departments and organizations are asked to register for a display table at the event. Each displaying department/organization will be provided a table and two chairs, along with a lunch generously provided by the Office of the Provost. Participants should arrive by 8 a.m. for setup.

To register, follow <a href="https://forms.office.com/r/vJdWsQrwDd">https://forms.office.com/r/vJdWsQrwDd</a>. We hope to see you there!

ESSENTIAL
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## West Virginia health leaders announce collaboration to enhance health care services for residents of Logan and southern West Virginia

JANUARY 10, 2023



Logan Regional Medical Center (LMRC), a ScionHealth Community Hospital, Marshall Health and Mountain Health Network last week announced a new collaboration aimed at bringing more opportunities for specialty care to southern West Virginia.

Through a new memorandum of understanding (MOU), the organizations will work to establish a process for identifying and implementing opportunities to enhance health care services for the residents of Logan and surrounding areas.

"Mountain Health and Logan Regional Medical Center have held a longstanding mutual respect and common purpose of providing high-quality medical care for patients, close to home," stated Kevin Yingling, R.Ph., M.D., F.A.C.P, president and CEO of Mountain Health Network. "We are honored the Logan and ScionHealth teams have chosen Mountain Health and our academic medical center partners, Marshall Health, to provide access to highly-specialized heart, pediatric, and cancer services so patients and families do not need to travel long distances for advanced medical care."

"Logan Regional has a long history of providing high-quality, compassionate medical care to our friends, families and neighbors in the Logan area," said David Brash, CEO of LRMC. "We have an exceptional team of physicians and caregivers and a wide scope of quality service lines we've established at our hospital. This collaboration makes us part of a network that will improve patients' access to advanced specialty and sub-specialty care both here in Logan, as well as Mountain Health Network and Marshall Health facilities. It also connects us with an academic partner critical to developing graduate medical education and teaching programs."

Earlier this year, the Marshall University Joan C. Edwards School of Medicine and Marshall Health, its faculty practice plan, partnered with LRMC, among others, to launch the nation's first separately accredited rural general surgery residency program. The new five-year program will

welcome its first trainees in July 2023. Several Marshall Health specialties, including general surgery and cardiology, have practiced in the Logan area for years.

"Partnerships like this one are how we continue to build the skilled physician workforce West Virginia needs while meeting the health care needs of our communities today," said Beth L. Hammers, M.B.A., CEO of Marshall Health. "Rural training programs are one way we know that we can help meet physician shortages happening in so many rural areas. Marshall Health looks forward to working alongside Mountain Health, LRMC and local physicians to bring more specialty care options to patients in southern West Virginia."

"We welcome opportunities to improve our hospitals and improve the overall care and health of the communities we serve," said Robert Wampler, President, Community Hospitals at ScionHealth. "This partnership will benefit our hospital and the Logan community by increasing access to specialty services, and it will bring value to our partners as it expands the region's health care network and creates new opportunities for health care practitioners. We are excited for the future of this partnership and Logan Regional and believe this is a 'win' for all parties involved, especially the patients we serve today and tomorrow."

"Regardless of where West Virginians live, they deserve to be able to reach the lifesaving medical services they need and rely on. That's why I have worked hard to support rural health care services across our state, and today's announcement is another step in the right direction," U.S. Senator Shelley Moore Capito said. "It is encouraging to see West Virginia take advantage of the Rural Residency Program – something I have long-supported – to address both the workforce and service availability challenge our communities sometimes face. Today's announcement means more West Virginians receiving care, more West Virginians providing care, and more teamwork between our medical organizations."

"This initiative at Logan Regional Medical Center is a massive step forward for West Virginia health care," said Congresswoman Carol D. Miller. "As a member of the Ways and Means Committee, ensuring health care providers and patients have the resources they need is a top priority for me. We must continue to invest and be strategic with our partnerships to complement specialty and subspecialty care and create access to neurology, endocrinology, infectious disease, and interventional cardiology services — as well as how we deliver rural care. I am fighting every day to make sure my colleagues in Congress understand the challenges rural health care providers face. The partnership between Marshall Health, Mountain Health Network, and ScionHealth will be instrumental in ensuring patients have access to care in rural communities. My focus is to make West Virginia the best place to live, work, and raise a family and I look forward to seeing the Logan Regional Medical Center expand our ability to deliver quality healthcare throughout the state."

The entities will also seek to find ways to make available maternal fetal medicine, neuroscience, telehealth services as well as service lines and care opportunities to support the patient population served by Logan. Next steps include implementing workgroups of experts from each entity that will seek to develop programs that advance cardiology, pediatric and oncology services for patients in the Logan area.

*Photo:* From left are: Darian David, representative from Congresswoman Carol Miller's office; Rob Jay, CEO of ScionHealth; U.S. Sen. Shelley Moore Capito; Dr. Kevin Yingling, CEO of Mountain Health Network; Buffy Hammers, CEO of Marshall Health; David Brash, CEO of Logan Regional Medical Center; and Robert Wampler, President, Community Hospitals at ScionHealth.

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## Veterans-based program seeking participants for first discussion series

JANUARY 10, 2023



"Testament: Recovering Identity after War," is seeking participants for its first discussion series, beginning with a welcome reception at 10 a.m. Saturday, Jan. 14, in the Huntington Vet Center.

"Testament" integrates sustained discussion of humanities texts about war with digital humanities platforms to create a network of testimony of and for veterans in recovery, their

families and friends in the state of West Virginia.

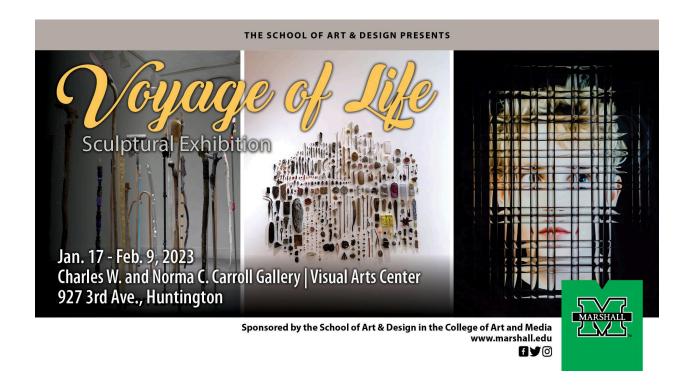
Discussion groups consist of five weekly, 2-hour meetings, providing a sustained discussion of selected humanities texts that address a central theme related to recovery, trauma and war. Discussion groups are open to all veterans and their friends and family. Veterans in recovery are especially welcome. The reception will include special veteran guests.

The program is co-directed by Marshall professors Dr. Christina Franzen and Dr. Robin Conley Riner. The first discussion series, held at the Vet Center in Huntington, will focus on the Roman civil war (48 BCE) and will address the theme of trauma, narrative and the fractured self.

There will be three discussion group series held in Spring 2023. Discussion groups are open to veterans in recovery (broadly defined – from trauma, addiction or any other hardship). Discussion groups allow multigenerational veterans to connect and discuss their varied experiences in a safe environment.

This project is presented with financial assistance from the West Virginia Humanities Council, a state affiliate of the National Endowment for the Humanities. Any views, findings, conclusions or recommendations do not necessarily represent those of the West Virginia Humanities Council or the National Endowment for the Humanities. For more information, contact Franzen by e-mail at <a href="mailto:Franzen@marshall.edu">Franzen@marshall.edu</a> or Riner at <a href="mailto:conleyr@marshall.edu">conleyr@marshall.edu</a>.

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# Marshall to celebrate its Birke Fine Arts Symposium throughout 2023 spring semester

JANUARY 10, 2023

The College of Arts and Media kicked off the Birke Fine Arts Symposium this week, with activities continuing throughout the 2023 spring semester.

Artists from a variety of disciplines will present work as part of the symposium, which this year celebrates the theme "Making the Unseen Visible." The symposium will feature theatre, dance and musical performances, as well as lectures, literary readings, gallery exhibitions and a variety of other presentations.

The symposium takes place every four years to showcase the work of artists, writers and scholars, and to give both students and community members opportunities to ask vital questions and participate in conversations about artistic process.

The 2023 Birke Symposium endeavors to explore the ability to illuminate hidden truths and opportunities for discovery, said Jack Colclough, professor of theatre and committee chairman for the Birke Fine Arts Symposium.

"The semester-long calendar of events will explore practices and experiences that often go unseen — by ourselves, by society, by history, or perhaps by the audience. It is an invitation into the creative process of making art," he said. "The line-up for this year's Birke Fine Arts Symposium is rich in contributions from across the entire College of Arts and Media, as well as the Department of English."

"The years since the last Birke Fine Arts Symposium have provided thought-provoking experiences for all of society," said Dr. Wendell Dobbs, interim dean of the College of Arts and Media. "This year's slate of presentations and exhibits demonstrates once again the ability of the arts to draw to our attention the nature of the human condition. I think the public will be amazed and moved by the artists' and scholars' creativity and communication."

Presented by the College of Arts and Media, the Birke Fine Arts Symposium is made possible by the generosity of Helen Birke and her daughter, Julie, through the Birke Fine Arts Symposium Endowment.

#### The schedule is as follows:

- Jan. 9-May 5 (with a reception planned for 4 p.m. Feb. 2) "Optimism in Appalachia: Reclaiming Hope through Artwork, Crafts and Poetry" gallery exhibition, Drinko Library.
- Jan. 19 "Another Appalachia: Coming Up Queer and Indian in a Mountain Place," a virtual presentation and discussion by author Neema Avashia, 4 p.m. in Room 402 of Drinko Library. Presented with financial assistance from the West Virginia Humanities Council, a state affiliate of the National Endowment for the Humanities.
- Jan. 23-Feb. 9 (with a reception planned for 4 p.m. Jan. 31) "Celebrating Black Contributions in American Life and History: An Exhibition of Student-Designed Posters," Visual Arts Center. Sponsored by the Dr. Carter G. Woodson Lyceum at Marshall.
- Jan. 23-Feb. 17 "Simulacrum: How to Make Money (While Destroying Photographs)," a gallery exhibition in the Visual Arts Center.
- Jan. 26 Artist talk with photographer Ariel Wilson, 5 p.m., Room 209 of the Visual Arts Center.
- Feb. 16 "Love and Loss: The Silent Struggle," a concert featuring Oliver Worthington, baritone, and Johan Botes on piano, 6:30 p.m. at Johnson Memorial United Methodist Church.
- Feb. 27 "A Choreographer's Perspective: An Evening with Donald Laney," a dance performance artist's talk, 7:30 p.m. at the Joan C. Edwards Playhouse.
- March 20 "Radical Empathy and Southern Hospitality: The Way Forward for the Arts," an artist talk, 4 p.m. at the Marshall University Rec Center.
- March 31 "Heard But Not Seen: The African American Voice Within the Musical Landscape," a concert featuring Daniel Washington, 7:30 p.m. at Smith Recital Hall.

- April 1 An artist talk with singer Daniel Washington, 10 a.m. at Smith Recital Hall.
- April 4 Alys Smith Symposium on Women Professionals in Arts and Media, a panel discussion, 7 p.m. in Room 209 of the Visual Arts Center.
- April 13 "Naming the Unnamed, Speaking the Unspoken: A Public Reading and Conversation with Neema Avashia and Rahul Mehta," an authors' reading and discussion at 7:30 p.m. in the Shawkey Room of the Memorial Student Center. Presented with financial assistance from the West Virginia Humanities Council, a state affiliate of the National Endowment for the Humanities.

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# Library to move Government Documents, announce Dr. Jean Edward Smith Research Collection

JANUARY 10, 2023

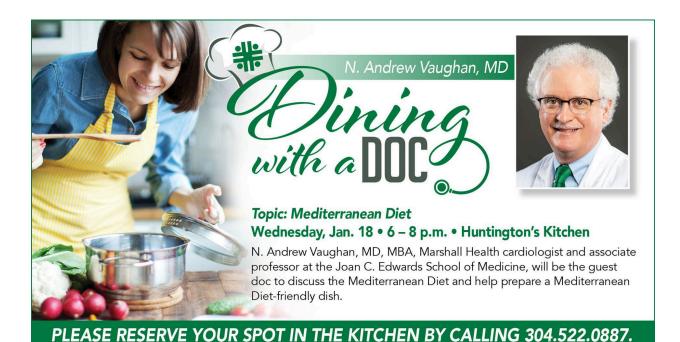


Marshall University Libraries has relocated its Government Documents section. It will reopen the section in the new location and introduce its new Dr. Jean Edward Smith Research Collection Wednesday, Jan. 18.

An opening celebration is scheduled for 2 p.m. Jan. 18 on the second floor of Drinko Library, across from the Writing Center. Light refreshments will be served, and all are welcome.

Photo: The late Dr. Jean Edward Smith.

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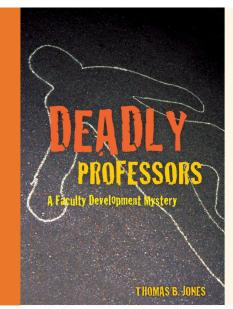
# From the Honors College: The deadline to propose your Dream Course for Fall 2023 is Monday, Jan. 23

JANUARY 10, 2023

What is a course that you dream of doing? The Honors College provides faculty of programs from across the university the opportunity to design and teach Honors Seminars on subjects that inspire them but that they may not have the opportunity to teach within their regular teaching duties. Faculty in our small sections of HON 480 work with outstanding, highly-motivated students to actively explore a subject from an interdisciplinary approach. The college serves the entire university with majors in all programs. The Honors College provides a space for people from all over the university to share ideas. We are an academic crossroads where collaboration is foundational.

The deadline for the Honors College new seminar proposal and repeat seminar application is Monday, 23 January 2022. Proposals for **new** upper-level, interdisciplinary honors seminars to be taught as early as Fall 2023 can be submitted online through a form found on the Teaching Honors page of the Honors College website at <a href="https://www.marshall.edu/honors/teaching/">https://www.marshall.edu/honors/teaching/</a>. Full details and helpful information for preparing proposals are available there. Accepted proposals are scheduled as special topic sections of HON 480, which serves as a core upper-division course in the required Honors Curriculum for students in the college. Seminar proposals undergo review by the Honors College Curriculum and Policy Committee at least one semester prior to the semester in which an approved seminar will be offered. For faculty who have previously taught sections of HON 480, a shorter **repeat** (or updated) application is also due on that date. **Please note that all Student Credit Hours (SCH) for faculty teaching HON courses will be credited to their home department**. If you are interested in teaching for the Honors College, but not sure if you are ready to submit a proposal for review next semester, please reach out to discuss your ideas with us at <a href="https://www.marshall.edu">honorscollege@marshall.edu</a>

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## Wellness Wednesdays

## Are you feeling exhausted and burnt out?

Join us for Wellness Wednesday sessions which include a book club reading and discussion of "Deadly Professors: A Faculty Development Mystery" and work in a wellness journal. In-person and virtual session options will run from January 25 to April 26, 2023.

Registration is limited.

For more information and to register, visit www.marshall.edu/ctl/wellness-wednesdays Sponsored by the Center for Teaching and Learning



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## ATTENTION FACULTY

## ONLINE PEDAGOGY & PRACTICE WORKSHOP

12:00 P.M. to 2:00 P.M. Friday, Jan. 27
Drinko 402 and Teams

Pedagogical strategies and design practices for both asynchronous and virtual synchronous teaching. Bring your questions and challenges for a brainstorming session.





For more information and to register, please use the QR code.

Refreshments will be served. Please bring a laptop if you are attending in person.

Questions? E-mail ctl@marshall.edu



# New technology and mapping catheter improves outcomes for heart patients

JANUARY 10, 2023



Cardiologists at Marshall Health and St. Mary's Regional Heart Institute (SMMC), a Mountain Health Network Cardiovascular Center of Excellence, are the first in West Virginia to use a new technology and mapping catheter to treat patients with complex cardiac arrhythmias, such as Afib and ventricular tachycardia (VT).

Electrophysiologist Khalid Abozguia, M.D., Ph.D., associate professor of cardiovascular services at the Joan C. Edwards School of Medicine, and the team at SMMC have successfully used the OCTARAY<sup>TM</sup>

mapping catheter and TrueRef technology to achieve better visualization and access to the heart, improving the success rate of cardiac ablation procedures used to help the heart maintain a normal rhythm. The first cases using this technology were performed last month at SMMC and have shown excellent results.

"As an academic health system, we are committed to staying at the forefront of medical innovations and continuing to bring the latest advancements in cardiac care to our patients throughout the Tri-State and across West Virginia," Abozguia said. "In addition to improved precision during the procedure, the OCTARAY<sup>TM</sup> mapping catheter and TrueRef technology combined can also shorten the procedure time and reduce risk of complications."

Both developed by Biosense Webster Inc., the OCTARAY<sup>TM</sup> features eight splines, each with four electrodes, providing increased surface area coverage and improved signal quality during the ablation procedure. TrueRef allows for real-time assessment of ablation lesion formation during the procedure, allowing the electrophysiology team to monitor the progress of the ablation and make adjustments as needed, to ensure the procedure is as effective as possible.

For more information, visit marshallhealth.org/cardiology or call 304-691-8500.

*Photo:* Dr. Khalid Abozguia and the electrophysiology team at St Mary's Medical Center with the new OCTARAY<sup>TM</sup> catheter used in the procedure.

What is a course that you dream of doing? The Honors College provides faculty of programs from across the university the opportunity to design and teach Honors Seminars on subjects that inspire them but that they may not have the opportunity to teach within their regular teaching duties. Faculty in our small sections of HON 480 work with outstanding, highly-motivated students to actively explore a subject from an interdisciplinary approach. The college serves the entire university with majors in all programs. The Honors College provides a space for people from all over the university to share ideas. We are an academic crossroads where collaboration is foundational.

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## **Communication Disorders faculty member receives LAMP certification**

JANUARY 10, 2023



Marshall Assistant Professor Kelly Young, of the communication disorders department and the Speech and Hearing Center, recently received LAMP (Language Acquisition through Motor Planning) certification from the Center for AAC [augmentative and alternative communication] and Autism.

Young began her work toward certification last spring and has since completed a 20+ hour, American Speech and Hearing Association-approved independent study that included video review of clinical skills and feedback from a LAMP-certified mentor. With the certification, Young becomes one of three LAMP-certified professionals in the state of West Virginia.

"Speech-language pathologists are lifelong learners," Young said. "Keeping up with new research and therapeutic techniques is a responsibility that allows us to provide the best client care possible."

LAMP is a therapeutic approach to promote independent communication by individuals who utilize speech-generating devices, using principles of motor learning. This approach is often used to give children with Autism and other developmental disabilities access to communication.

As one of three certified LAMP speech language pathologists in the state, Young brings a unique qualification to the MU Speech and Hearing Center, housed in the Department of Communication Disorders, located in Smith Hall on the Huntington campus. The center provides services for both children and adults, including screenings, evaluations, and treatment of communication and feeding disorders. All faculty members and clinical educators hold West Virginia licensure and are certified by the American Speech-Language-Hearing Association (ASHA).

"I am excited that the knowledge gained during this certification process will directly impact the clients I serve in the Marshall University Speech and Hearing Center, as well as the graduate students I teach and supervise," Young said.

Among the classes Young teaches is Communication Disorders 660, Augmentative and Alternative Communication (AAC), in which she'll incorporate LAMP techniques into the graduate-level study of diagnostic and therapeutic AAC procedures. For more information on the MU Speech and Hearing Center visit <a href="www.marshall.edu/mu-speech-and-hearing-center">www.marshall.edu/mu-speech-and-hearing-center</a> or Language Acquisition through Motor Planning, <a href="https://www.aacandautism.com/lamp">https://www.aacandautism.com/lamp</a>.



# MURC announces research awards for faculty and undergraduates

JANUARY 10, 2023

The Marshall University Research Corporation has announced the winners of the Spring 2023 Undergraduate Creative Discovery and Research Awards and the Summer 2023 John Marshall Scholars Award program.

The seven awardees of the Spring 2023 Undergraduate Creative Discovery and Research Awards will receive a \$1,750 stipend, and \$750 is provided for the participating faculty mentor. The program is open to qualifying students in the College of Science, College of Business, College of Liberal Arts, College of Arts and Media, College of Education and Professional Development, College of Engineering and Computer Sciences, College of Health Professions and the Honors College.

### Spring 2023 awardees are:

- Atkins, Nicole (CECS) Interactive multimodal cancer data integration on histopathology and radiology
- Barnes, Julia (COS) Chromatography of Weight Loss Products
- Kiser, Keely (COLA) Examining the impact of SES, Marital Status, and Education Level on the Acceptability of PCIT with Appalachian Caregivers
- Parson, Mercedez (COHP) Understanding Recovery: Recovering Addicts' Views on Treatment
- Scott, Shannon (CAM) Storing, Cataloging and Displaying Marshall's Stained Glass Windows
- Skeen, Madison (COS) Species Limits in the Japanese Paradise Flycatcher Complex (Terpsiphone atrocaudatra)
- Vitalos, Hannah (CECS) A comprehensive survey of deep learning algorithms in digital pathology

The nine awardees of the John Marshall Scholars Award program will each receive a \$6,500 stipend. Since its inception, the John Marshall Scholar program has supported the creative discovery and research work of faculty members from the College of Science, College of Business, College of Liberal Arts, College of Arts and Media, College of Education and Professional Development, College of Engineering and Computer Sciences, College of Health Professions and the Library.

#### Summer 2023 Awardees Are:

- Chowdhury, Sudipta (CECS) An Integrated Drone Routing Model for Disaster Response Planning
- Danford, Rachel (CAM) Reimagining Artist Workshops in Lombard, Italy
- Hambuchen, Michael (School of Pharmacy) Preclinical development of pharmacotherapy for rescue from combination methamphetamine-opioid overdose
- Holland, Pam (COHP) NOWS and SLPS: What we know NOW about communication development and service provision
- McFall, Kim (COEPD) Faculty Learning Communities to support Technology-Rich Learning Experiences
- Mollette, Sara (Library) Research Support Staffing Models for R2 Institution Libraries
- Underhill, Stephen (COLA) J. Edgar Hoover, the FBI, and the Capitol Insurrection
- Varney, Melinda (School of Pharmacy) Identifying mechanisms of decreased vaccine efficacy in obese populations

• Young, Stephen (COS) — Moving Appalachia: Social and Anti-Carceral Movements in Appalachia

For more information about the research awards or upcoming proposals, visit www.marshall.edu/murc.

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### School of Medicine alumna reinvests in the next generation

JANUARY 10, 2023



Mary Beth Harler, M.D., (pictured) started her medical career at Marshall in 1989 with dreams of making a difference.

Harler, a native of Glen Dale, West Virginia, earned her Bachelor of Science from Wheeling University in Wheeling, West Virginia, before entering medical school at the Joan C. Edwards School of Medicine.

Following completion of her medical degree in 1993, Harler trained as a general surgeon at Brown University's Rhode Island Hospital in Providence, Rhode Island,

where she was also a research fellow with a focus on the role of immune cells in wound healing. Harler currently serves as president of IGM Autoimmunity and Inflammation. Prior to joining IGM in 2021, she was senior vice president and head of immunology and fibrosis development at Bristol Myers Squibb after working in both medical affairs and clinical research at Wyeth Pharmaceuticals (now part of Pfizer).

"Investing in the next generation of physicians and physician scientists is of keen interest to me," Harler said. "I found that the quality of medical education that I received at Marshall's School of Medicine allowed me to succeed in ways that I never envisioned, and I want to pay it forward to enable others to grow and make a difference in this world."

The *Harler-Perdoncin Scholarship*, jointly named for Harler's daughter, Madeline Perdoncin, a Marshall medical student in the class of 2024, is designated for an entering first-year student from Harler's home county, Marshall County, West Virginia, and is renewable for up to three years. Second preference will be given as a one-time award to a medical student from Marshall County and third preference as a one-time award to a student from the adjacent West Virginia counties of Ohio or Wetzel.

For more information or to make a gift to the Joan C. Edwards School of Medicine, please contact Linda Holmes, director of development and alumni affairs, at 304-691-1711 or <a href="mailto:holmes@marshall.edu">holmes@marshall.edu</a>. For news and information about the Joan C. Edwards School of Medicine, follow us on Twitter <a href="mailto:mwww.musschall.edu">mwww.musschall.edu</a>. like us on <a href="mailto:facebook">Facebook</a> or visit <a href="mailto:jcesom.marshall.edu">jcesom.marshall.edu</a>.

### Students tap RCBI technology to bring innovation to life

JANUARY 10, 2023



A group of senior mechanical engineering majors at Marshall University leveraged the advanced technology and expertise of the Robert C. Byrd Institute (RCBI) to transform its concept for a single-passenger vehicle into a working prototype.

Marshall's Weisberg Department of Mechanical and Industrial Engineering, a division of the College of Engineering and Computer Science, requires that soon-to-graduate seniors demonstrate their

engineering acumen by designing, engineering and manufacturing functional protypes with real-world applications.

For their senior capstone project, Austin Adams of Hurricane; Mason Fairchild of South Point, Ohio; Kierra Kammer of Hurricane; Stephen Queen of Cross Lanes; and Treston Withrow of Huntington designed, built and tested a monowheel, a single person motorized vehicle in which the driver sits stationary inside a large wheel that rotates around him/her.

After the team settled on a design, members created a 3D rendering in Fusion 360, a type of popular computer-aided-design and manufacturing software. While certain components were manufactured in the college's machine shop with the assistance of lab technician Jim Kuzma, others were outsourced. For example, the outer ring was fabricated by Railcar Concepts of Franklin Furnace, Ohio. Many of the remaining parts were manufactured at RCBI, where Withrow is serving an engineering internship through the Engineering Co-Op, a program in which Marshall partners with industry to provide students hands-on experience.

Withrow knew how to use most of the advanced RCBI technology because he learned while actually designing and manufacturing components for RCBI clients across West Virginia and beyond. Therefore, he knew which equipment to use to fabricate specific components needed to complete the monowheel.

"The experience I gained as an intern at RCBI helped me design parts for the project and understand the different machines and manufacturing processes required to create the prototype parts," Withrow said. "I was able to share that knowledge with other team members."

Team of soon-to-graduate engineering students produced the motor mount frames from 3/16 aluminum using RCBI's laser cutter. The outer frames were manufactured on the waterjet at RCBI South Charleston using 60/61 aluminum. The roller bearing that connect the two frames and hold the wheel produced on RCBI computer-controlled lathes and mills.

After seven months of design, testing and production, the monowheel was complete. The team took it for a test run and – voila! – it performed as expected. The final step was to prepare a

report and presentation explaining the project before a panel that included the dean of the college and the department chairman. The presentation took place earlier this month, shortly before the students graduated. They received accolades for their capstone, the final school project before embarking on their careers.

Withrow will continue working at RCBI after graduation, along with other mechanical engineering students from Marshall. RCBI employs mechanical engineering students every semester, providing them the opportunity to apply their knowledge by designing and manufacturing components for a variety of industries, from automotive and defense, to medical, outdoor recreation and aerospace.

"RCBI is a great resource for Marshall's engineering program because of the variety of experiences interns are able to gain under the tutelage for our experienced mechanical engineers and technicians," said Deputy Director Derek Scarbro. "Our engineering interns are an integral part of our team, helping entrepreneurs and manufacturers bring ideas to life and innovate."

*Photo:* Marshall University senior mechanical engineering majors (front, from left) Stephen Queen, Treston Withrow, Austin Adams, Kierra Kammer and Mason Fairchild designed and built this monowheel using technology available at the Robert C. Byrd Institute (RCBI). Jim Kuzma (background), mechanical engineering lab technician at Marshall, assisted the students with their senior capstone project.

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# Call for Nominations: John and Frances Rucker Outstanding Graduate Advisor Award

JANUARY 4, 2023

The Graduate Council Credentialing Committee seeks nominations for the Rucker Outstanding Graduate Advisor Award. Nominations should be submitted to Dr. Keith Beard by e-mail at <a href="mailto:beard@marshall.edu">beard@marshall.edu</a> or to Harris Hall 331-A, Marshall University, Huntington, WV 25755 by March 3, 2023.

Eligibility criteria and details about the nomination process can be found at <a href="https://www.marshall.edu/graduate-council/john-and-frances-rucker-outstanding-graduate-advisor-award/">https://www.marshall.edu/graduate-council/john-and-frances-rucker-outstanding-graduate-advisor-award/</a>.

# MARSHALL UNIVERSITY COLLEGIATE RECOVERY COMMUNITY

### Check out our groups in person or online!

#### **ALL-RECOVERY**

Non-denominational and based on the philosophy that people from every type of addiction and their loved ones have much in common and can benefit from sharing together. Meetings offer a place where people can share their addiction and recovery experiences and how recovery has changed their lives.

Meetings: Mondays @ 5pm Thursdays @ 7pm MSC 2w16a, Room 4

### **GRO MARSHALL**

Gro is a wellness fellowship, which nurtures mind, body and spirit through connection to the environment. Recognizing the therapeutic power of nature, we seek to serve our communities by cultivating natural beauty, healthy foods and neighborly service. We hold space for those who have been impacted by every type of addiction and understand that active service is the key to spiritual growth and sustained sobriety.

Meetings: Wednesdays @ Noon Science Bldg, Greenhouse

### **SMART RECOVERY**

A mental health and educational program, focused on changing human behavior. SMART uses a 4-Point Program®:

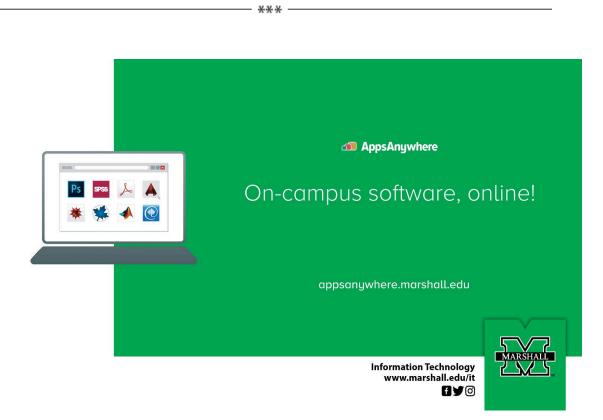
- (1) Building and maintaining the motivation to change.
- (2) Coping with urges to use.
- (3) Managing thoughts, feelings, and behaviors in an effective way without addictive behaviors.
- (4) Living a balanced, positive, and healthy life.

Meetings: Mondays @ 1pm MSC 2w16a, Room 4



If you have any questions email collegiaterecovery@marshall.edu





Corona			
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New Cases Since Dec. 27, 2022

Students: 0 Faculty: 0 Staff\*: 0

\* Includes auxiliary employees (Sodexo, Aetna, Rec Center, etc.)

The most recent information is always available at <a href="www.marshall.edu/coronavirus/dashboard">www.marshall.edu/coronavirus/dashboard</a>.

*Note*: Gov. Jim Justice ended the State of Emergency on Jan. 1, 2023. Weekly reporting of coronavirus statistics in this newsletter will be revised and eventually eliminated as we move into the Spring 2023 semester.

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The next regular issue of *We Are...Marshall* will be distributed Jan. 18, 2023. Please send items for consideration to <u>WAMnewsletter@marshall.edu</u> by noon Tuesday, Jan. 17, 2023.

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To read the content of this newsletter online, please click on the following link: <a href="www.marshall.edu/wamnewsletter/January-11-2023">www.marshall.edu/wamnewsletter/January-11-2023</a>.