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### We Are ... Marshall, July 12, 2023

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# WE ARE... MARSHALL.

The Newsletter for Marshall University Faculty and Staff

July 12, 2023

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### School of Medicine welcomes 100 incoming residents, fellows

JULY 12, 2023



More than 103 incoming resident physicians and fellows officially began their post-graduate medical training last week at the Joan C. Edwards School of Medicine.

Advanced physician training programs range from one to five years for residencies to one to four additional years beyond residency for fellowships. The hands-on experiences achieved through this intensive learning environment ensure trainees are prepared to enter private practice and/or academic medicine.

Marshall's newest cohort of trainees represents 60 medical schools across 14 different states and 22 countries. Thirty-two are medical alumni from West Virginia's three medical schools.

"We are proud to welcome the new residents and fellows to our training programs," said Paulette S. Wehner, M.D., the school's vice dean of graduate medical education. "This marks the exciting start to the next phase in their medical training. Upon completion of their programs at the Marshall University Joan C. Edwards School of Medicine, they will be autonomous physicians ready to serve our unique patient population here in Appalachia or carry the Marshall flag with them to wherever their practice may take them."



The new group of trainees includes three rural general surgery residents as part of the nation's first officially designated, separately accredited rural residency training track program. The trio will spend at least 2.5 of their five-year program training under long-time rural surgeons Drs. Jodi Cisco-Goff and James Paugh at Logan Regional Medical Center in Logan, West Virginia.

"We are proud to lead the nation in the first

rural general surgery residency program accredited by the Accreditation Council for Graduate Medical Education," said Program Director Farzad Amiri, M.D., F.A.C.S., a general surgeon and associate professor at the Joan C. Edwards School of Medicine. "It is of utmost importance that we train the next generation of surgeons to have the skills to handle the challenges seen in rural America. There is a dire physician shortage in rural America that we, as educators, need to help solve."

The Joan C. Edwards School of Medicine now has 289 total trainees across 26 programs, the largest number of trainees in the school's 46-year history.

*Photos:* (Above) Some of the incoming resident physicians at the Marshall University Joan C. Edwards School of Medicine. (Below)

The first rural general surgery residents at the Joan C. Edwards School of Medicine are (from left to right) David Kanarowski, D.O., M.B.A.; Rebecca Meyer, D.O.; and Bradley Muncy, M.D.

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# Marshall hosting HSTA 'Fun with Science' Summer Institute

JULY 12, 2023

Marshall is welcoming 120 rising ninth-graders from throughout West Virginia this week for its annual Health Science and Technology Academy (HSTA) "Fun with Science" Summer Institute. The institute continues through Friday, July 14, on the Huntington campus.

"All week long, they will be doing hands-on, engaging activities with health, science, math and technology baked in," said David Cartwright, director of the summer institute and a computer science instructor in Marshall's College of Engineering and Computer Sciences. "These students already have an inclination to science, math, engineering and technology and we want to expose them to these things in a fun and exciting way."

HSTA institutes are offered each summer at institutions throughout West Virginia, and HSTA clubs are offered year-round throughout the state for ninth through 12th graders. HSTA is a partnership among West Virginia University, Marshall University, West Virginia State University, the West Virginia Rural Health Education Partnership, the West Virginia Area Health Education Centers and many Appalachian communities.

The program brings students — including racial and ethnic minority, rural and/or low-income students — and their teachers to campus during the summer for laboratory, classroom and enrichment activities. Throughout the academic year, the program offers community-based projects mentored by teachers, scientists, health professions students and community volunteers.

Once students have successfully completed their HSTA Club requirements from ninth to 12th grades, notices are sent to universities across the state, notifying admission offices that they are HSTA Scholars and are eligible for the HSTA tuition waiver, as legislated. A student is provided with eight semesters of undergraduate tuition with the HSTA waiver.

It's great for Marshall, Cartwright said, adding that Marshall has 95 students enrolled who were participants in the HSTA program.

"We have rising ninth-graders who get exposed to Marshall at an early age," he said. "They stay in the residence halls, meet Marco, work in labs, and are introduced to the faculty. Hopefully, one day when they go to university, they choose Marshall."

For further information, contact Cartwright by e-mail at <u>david.cartwright@marshall.edu</u> or by phone 304-417-5227.



### Sponsorships, tickets available for Standing Out in Our Field

JULY 12, 2023

The Marshall University Joan C. Edwards School of Medicine will host the region's unique outdoor dining experience, Standing Out in Our Field, on Saturday, Aug. 26, at the Barboursville Soccer Complex.

The annual medical student scholarship fundraiser draws hundreds for a picturesque, fun-filled evening under the stars. This year's event, presented by Dean's Circle Sponsor Mountain Health Network, will feature a "Margaritaville" theme and serve up gourmet twists on Caribbean favorites like volcano nachos, cheeseburger in paradise sliders, Key West grilled mahi, island spiced grill beef tournedos and mango jerk shrimp. The event begins with a reception at 6 p.m., followed by dinner & dancing from 7 to 11 p.m., featuring music by the band, Santa Cruz.

"Standing Out In Our Field has become the annual go-to event for those who enjoy a laid-back, relaxing event for a good cause," said Linda S. Holmes, director of development and alumni affairs at the medical school. "Under the tent, guests will be transported to 'Margaritaville' for a fun-filled evening with plenty of ambiance, amazingfood and music to go around."

Proceeds from the annual event go to provide much-needed support for medical student scholarships. This year, event chairs, Dr. Rob (Class of 1998) and Suzanne Cure, have set a goal to raise \$100,000 for the school's scholarship endowment.

"As a graduate of the School of Medicine, I know firsthand how important scholarships are for reducing medical school debt," Dr. Rob Cure said. "This is not your average fundraising event. It's so much fun and medical students are engaged as volunteers and servers for the event, taking an active role in helping raise the scholarship dollars that benefit them!"

Event sponsors to date include Mountain Health Network (Dean's Circle); Valley Health Systems, Inc. (MS-III); Champion Industries, Inc., E.P. Leach & Sons, Inc., Logan Regional Medical Center/ScionHealth, OVP Health, Radiology, Inc., Retina Consultants, Wilmink Smith Cline Wealth Advisors (MS-II); Holzer Health System, Marshall Health, Ohio Valley Bank, Shuman McCuskey Slicer PLLC (MS-I); Edward Tucker Architects, Inc., Health Group, LLC (Band); and River Park Hospital (Decorations). Additional sponsors include King Spirits and Woodmen Life.

Tickets are \$175 per person. Additional sponsorships are available. To make a reservation, please contact Tami Fletcher at 304-691-1701 or fletcher@marshall.edu. For more information, go to https://jcesom.marshall.edu/alumni-giving/standing-out-in-our-field/.

# Foundation receives a \$25,000 grant from Truist West Virginia Foundation

JULY 12, 2023



The Marshall University Foundation has announced it received a \$25,000 grant from the Truist West Virginia Foundation to support need-based scholarships at Marshall University.

"We are appreciative of the long-standing support and generosity of the Truist West Virginia Foundation," said Dr. Ron Area, chief executive officer of the Marshall Foundation. "Because of Truist, Marshall students will be able to better navigate their college careers without serious financial stress."

The grant will support scholarship recipients who are full- or part-time students, residents of West Virginia and have need, as determined by the Office of Student Financial Assistance. Scholarship aid has increased by 44 percent over the last several years due to the Marshall Rises comprehensive campaign with 500 more students receiving aid annually.

"We are pleased to support Marshall University Foundation's admirable commitment to helping students attend Marshall University," said Jacqueline Keene, executive director for the Truist West Virginia Foundation. "The grant from the Truist West Virginia Foundation will help make a difference in the lives of many, which aligns with Truist's purpose to inspire and build better lives and communities."

The Marshall Foundation maximizes continuous financial support for Marshall University and its students by soliciting, receiving, investing and administering private gift support. The Marshall Foundation is committed to providing professional service to Marshall University, its students and donors.

Truist and Truist West Virginia Foundation's relationship with Marshall pre-dates the merger of One Valley Bank and BB&T in 2001. Truist provided a 10-year commitment toward the establishment of what is now called the Truist Center for Leadership at the Lewis College of Business and Brad D. Smith Schools of Business. Truist was a sponsor of the 2022 and 2023 Business Leadership Symposiums at the Truist Center for Leadership at the College of Business.

The Truist West Virginia Foundation is committed to Truist Financial Corporation's (NYSE: TFC) purpose to inspire and build better lives and communities. Since 2000, the foundation and its predecessors have been making strategic investments in nonprofit organizations to help ensure the communities it serves have more opportunities for a better quality of life. The Truist West Virginia Foundation's grants and activities focus on economic development, education, arts, health care, social services and financial literacy. Learn more by contacting Jacqueline Keene at TWVF@truist.com.

*Photo:* Pictured with the ceremonial check are Jenny Vance, program director of grant management at the Marshall University Foundation; Spencer Murphy, middle market banking leader at Truist Bank; Patrick O'Malley, senior vice president and regional president, Truist Bank; Josh Scott, senior vice president and market president, Truist Bank; and Ron Area, CEO of the Marshall University Foundation.



### Project Hope for Women & Children prepares to welcome new arrivals

JULY 12, 2023

Project Hope for Women & Children is preparing to welcome five new babies in the weeks ahead and is planning a special **virtual baby shower** to assist with needs.

Project Hope, which is a comprehensive residential treatment facility for women and their children owned and operated by Marshall Health, specializes in supporting mothers on their journey toward long-term recovery, developing healthy parenting skills and building safe family relationships.

After serving more than 150 families over nearly five years, the program continues to show positive outcomes. Project Hope is the only residential treatment facility of its kind in West Virginia and is unique across the United States. The average length of stay at Project Hope is six months, followed by the option for transitional housing at Hope House.

"It is true when they say 'it takes a village' because our families often come to Project Hope with little or no resources," said Lyn M. O'Connell, Ph.D., licensed marriage and family therapist (LMFT), associate director of addiction sciences at Marshall Health and associate professor of family medicine at the Marshall University Joan C. Edwards School of Medicine. "It is important that we help take care of the needs of the entire family including baby items, clothing, groceries,

transportation and child care supports so the mothers can focus on their recovery and parenting. Hearing a mother say, 'You gave me a chance when I never thought I'd have a chance again. My son was born here and I love being a mother,' is the reason we do what we do at Project Hope."

As part of creating a supportive environment that encourages hope and resiliency, Project Hope also provides fun activities such as baby showers, gender reveal parties, holiday gatherings and pregnancy photos.

"Since Project Hope for Women & Children opened nearly five years ago, community support for our families has been tremendous," O'Connell said. "As we prepare to welcome five new babies very soon, we desperately need infant supplies for our soon-to-be new mothers," O'Connell said.

The <u>virtual baby shower</u> with an Amazon Wish List is currently open. For more information about how individuals or organizations can support the programming and families at Project Hope, please visit <u>marshallhealth.org/projecthope</u> or contact O'Connell at 304-696-HOPE (4673).

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# Governor's School of Entrepreneurship ends with student presentations

JULY 11, 2023



Marshall and the Lewis College of Business again hosted the West Virginia Governor's School of Entrepreneurship, which ended July 7 when students pitched business ideas to a panel of judges. The student teams came up with solutions for problems such as improving wi-fi connectivity, tremor-reducing eating utensils for patients with Parkinson's disease, using organic matter to more quickly break down biodegradable plastics and more.

WVGSE is open to West Virginia students in ninth through 11th grades and

encourages students to engage in creativity, critical thinking, problem solving and calculated risk taking in pursuit of solving a difficult problem. Participants develop a business model, build

prototypes and engage potential customers to test assumptions. Marshall will host WVGSE again in Summer 2024.

*Photo:* Participants in the 2023 Governor's School of Entrepreneurship after their project presentations. From left are Ray Lowther (Coordinator – The Arts and Governor's Schools), Chris Spurlock (Logan High School), Danielle Scantlin (Ripley High School), Madeline Snyder (Charleston Catholic High School), Lanier Fussell (Oak Hill High School), Alvaro Yemba (St. Joseph's High School), Reed Little (St. Joseph's High School), Dylan Liang (Morgantown High School), Nathan Baldwin (Huntington High School), Olen York (Dean of the Governor's School of Entrepreneurship), and Ram Balasubramanian (Cabell-Midland High School).

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# Study shows partial meniscus removal using needle arthroscopy offers significantly less pain

JULY 12, 2023

Researchers at Marshall University and Medstar Orthopaedic Institute found the use of a needle-sized scope known as a nanoscope during a partial meniscus tear repair, or meniscectomy, to be associated with significantly decreased pain and improved patient-outcome scores at two weeks after surgery.

Published last month in The Journal of Orthopaedics, the study compared immediate postoperative pain and patient-reported outcomes after partial meniscectomy with a needle versus standard arthroscopy. Unlike standard arthroscopy, needle arthroscopy is a minimally invasive procedure that uses a 1.9 mm nanoscope that enables the surgeon to view and access tighter spaces to repair the damaged joint with only a single or no incision. Used to alleviate knee pain in older patients, a partial meniscectomy consists of removing as little of the damaged part of the meniscus as possible to smooth the tear's edges and avoid fraying.

The researchers performed a retrospective review of a consecutive series of patients who underwent partial meniscectomy before and after adoption of a needle arthroscopic technique. Meniscus repairs, root repairs and those with ligamentous injuries were excluded. Morphine consumption, the Visual Analog Scale (VAS) for pain and Knee Injury and Osteoarthritis Outcome Scores (KOOS) were compared before surgery and at two and six weeks after surgery. While patients reported substantially less pain and improved patient outcomes at two weeks, differences were not sustained at six weeks after surgery.

"This nanoscope advance has great potential impact in regard to earlier return to sports and decreased use of opioids and other pain management drugs," said Timothy E. Hewett, Ph.D., professor at the Marshall University Joan C. Edwards School of Medicine.

Marshall's orthopaedic surgery team has explored the use of needle arthroscopy since 2020. A clinical trial is currently underway at Marshall comparing the needle and standard arthroscopies for treatment of meniscus tears.

"Marshall was one of the first in the country to use the nanoscope, and we have worked to enhance patient care with the device," said Chad D. Lavender, M.D., orthopaedic surgeon at Marshall Health and assistant professor at the Joan C. Edwards School of Medicine. "In this pilot study, we saw our initial hypothesis of less pain and improved scores by using a smaller scope held true, and we are excited about our current randomized trial that is looking at similar findings."

To view the article in its entirety,

visit: https://www.sciencedirect.com/science/article/abs/pii/S0972978X23001307.

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# Study shows partial meniscus removal using needle arthroscopy offers significantly less pain

JULY 11, 2023



Amanda Jones, director of the graduate medical education (GME) at the Marshall University Joan C. Edwards School of Medicine, was recently selected for the Association of American Medical Colleges GME Leadership Development Certificate program.

"This is a highly competitive program, and we are excited to see our GME director accepted," said Paulette S. Wehner, M.D., vice dean for graduate medical education. "The subject matter is incredibly timely and will benefit our health care system."

The leadership program includes in-person and online sessions, homework assignments and the development and presentation of an action learning plan. Participants expand their national network of professional peers while advancing their competencies in planning, education and medical financing, legal compliance, management and leadership.

Jones has been the GME director at Marshall for more than a year and previously served as a residency and fellowship coordinator for more than eight years.

"I've seen the importance of strong GME leadership and how it positively affects our academic health system," Jones said. "I want to be the most effective leader I can be, and this program will provide me with additional tools and insight to keep our graduate medical education program on a path of excellence."

Graduate medical education is additional, required training pursued after obtaining doctor of medicine (M.D.) or doctor of osteopathic medicine (D.O.) degrees. GME includes residencies and fellowships, which are completed prior to licensing and board certification.

The Joan C. Edwards School of Medicine offers 24 residency and fellowship programs accredited by the Accreditation Council for Graduate Medical Education and Commission on Dental Accreditation. Additional information is available at <a href="https://jcesom.marshall.edu/residents-fellows/">https://jcesom.marshall.edu/residents-fellows/</a>.

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The next regular issue of <i>We AreMarshall</i> will be distributed July 19, 2023. Please send items for consideration to <a href="https://www.westeremarshall.edu">WAMnewsletter@marshall.edu</a> by 5 p.m. Monday, July 17, 2023.
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