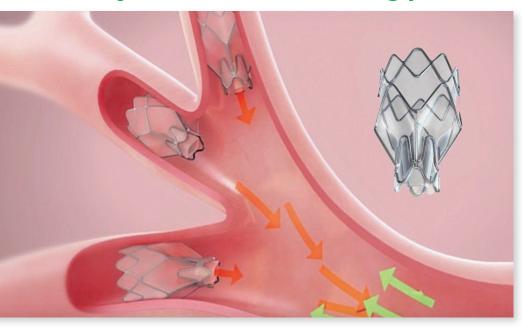


Cabell Huntington Hospital first in West Virginia to use the Zephyr Valve System® to treat breathing problems due to emphysema







Cabell Huntington Hospital is the first hospital in the state of West Virginia to offer treatment for emphysema with the *Zephyr Valve System®*, a minimally invasive therapy for better lung function and exercise tolerance without the need for surgery.

Emphysema is a severe form of chronic obstructive pulmonary disease (COPD). It causes abnormal, permanent

enlargement of the air spaces at the ends of the bronchioles, accompanied by the destruction of their walls. Most emphysema is caused by smoking. The initial symptom of emphysema is shortness of breath (dyspnea). A cough might also be present, as chronic bronchitis often precedes emphysema. As the disease progresses, even a short walk can result in difficulty breathing.

The Zephyr endobronchial valve is a minimally invasive endoscopic lung procedure that places tiny valves in the airways of the lungs to allow the healthier parts of the lungs to expand, thereby lifting pressure off the diaphragm and helping emphysema patients breathe more easily.

"This is truly a breakthrough to help patients improve their quality of life and breathe easier," said Yousef Shweihat, MD, interventional pulmonologist at Cabell Huntington Hospital's Center for Lung Health and associate professor in the Department of Internal Medicine at the Joan C. Edwards School of Medicine.

The effects of the *Zephyr* endobronchial valve take place immediately by allowing patients to take deeper breaths than they could before.

"Over time, patients can begin to increase their exercise tolerance," Shweihat explained. "This will help patients increase their breathing capacity by increasing exercise in their daily lives, thus enhancing the quality of life."

For more information about the Zephyr endobronchial valve procedure, please contact the CHH Center for Lung Health at 304.399.2881.



Yousef Shweihat, MD, center, and his team at the Cabell Huntington Hospital Center for Lung Health were the first in West Virginia to use the Zephyr Valve System® to treat a patient for severe emphysema.



"This is the first time my foot has actually hit the ground in over 30 years," said an enthusiastic Gary Hill. He is the first patient in the Tri-State region to convert a complex, hip fusion to total hip replacement using the Mako Robotic-Arm Assisted Surgery SystemTM.

Cabell Huntington Hospital (CHH) is the only hospital in the region to offer robotic-arm assisted total hip and knee replacement with Stryker's Mako System. This highly advanced robotic technology transforms the way joint replacement surgery is performed, providing surgeons with enhanced accuracy.

At the age of 15, Hill was involved in a serious car accident. His pelvis was completely crushed.

"At 16, I had surgery and it didn't help me," he said. "Because of the reconstruction, my leg was eight inches off the ground and I walked with a severe limp."

Hill said he had several surgeries over the next 30 years with no relief. He consulted

with the orthopedic team at CHH and decided to try one more time.

"This 8-hour hip surgery was very complicated and required coordination with four surgeons (Matthew Bullock, DO; Thomas Emmer, MD; Felix Cheung, MD; and Alexander Caughran, MD) as well as the computer science department at Marshall University to make a 3D printed model of Mr. Hill's hip joint," said Bullock, orthopedic surgeon and assistant professor in the Department of Orthopaedics at Marshall University Joan C. Edwards School of Medicine. "Then we involved our team's dedicated Stryker Mako representatives to devise several plans to execute the surgery, which was a huge success."

During the procedure, the 3D model was used to create a personalized surgical plan and identify the implant size, orientation and alignment for total hip replacement.

In the operating room, the surgeons followed the surgical plan while preparing the hip for the implant. The surgeons

guided the robotic-arm within the predefined area and the Mako System helped the surgeon stay within the boundaries that were defined when the personalized pre-operative plan was created.

"I wasn't sure what to expect when I came out of surgery, but I was pleasantly surprised that I had minimal pain and was up walking the next day," said Hill. "I am extremely grateful to Dr. Bullock and the team for their expertise. I feel great."

"These types of complex revision surgeries are usually reserved for large academic centers, such as Cleveland Clinic and Ohio State," said Bullock.

"Now, patients don't have to travel to get relief. We can take care of them right here at home. This further demonstrates our commitment to provide the patients of our region with excellent health care."

For more information on minimally invasive procedures at Cabell Huntington Hospital, please call 304.781.IMIS (4647).

MHN announces St. Mary's Regional **Heart Institute as Center of Excellence**

Mountain Health Network (MHN) has selected St. Mary's Regional Heart Institute as a Center of Excellence (COE). All coronary interventional cardiac catheterization services are now centralized at St. Mary's Regional Heart Institute.

To be named a MHN Center of Excellence, the clinical area must be recognized by the medical community, the public and accrediting bodies as providing the most expert and highest level of compassionate and innovative care. Hoops Family Children's Hospital at Cabell Huntington Hospital was selected as MHN's first COE in August 2019.

"Highly specialized cardiovascular services are greatly needed for the Tri-State region," said Michael Mullins, FACHE, president and CEO, MHN. "St. Mary's has been a leader for more than 40 years as a nationally-recognized cardiovascular program that is supported by an outstanding team. We thank the medical staff, clinical staff and leadership of both St. Mary's and Cabell Huntington Hospital for their collaboration and work to bring this important COE to fruition. As a result, cardiovascular services in the region will elevate to an even higher level of quality, efficiency and service."

The Cardiovascular Center of Excellence at St. Mary's and new system protocols for acute cardiac emergencies at Cabell Huntington Hospital are further examples of world-class health care made available through Mountain Health Network.

MHN releases community health needs assessment



Mountain Health Network (MHN) has released its 2019-2022 Community Health Needs Assessment (CHNA).

The report includes a comprehensive review and analysis of health and socioeconomic data that impact the health of people across MHN's 23-county service area. The purpose of the assessment is to identify the

area's health needs, allowing MHN to better align with stakeholders, such as public health and health care providers, about opportunities for improving the health of the region.

"We are so pleased to be able to share this document, as it is further proof of our commitment to the health of our community," said Michael Mullins, FACHE, president and CEO, Mountain Health Network. "We will use these results to continually assess how we serve our region so we can provide not only outstanding care, but also the education and outreach activities that meet the area's priority needs."

The CHNA can be accessed via the Cabell Huntington Hospital website at www.cabellhuntington.org or the St. Mary's Medical Center website at www.st-marys.org.



Cabell Huntington Hospital St. Mary's Medical Center

MHN enters into joint venture with DASCO Home Medical Equipment

Mountain Health Network (MHN) has entered into a joint venture with DASCO Home Medical Equipment to offer a more streamlined approach to providing home medical equipment to patients in West Virginia and Ohio.

The new joint venture, DASCO-Mountain Health Home Medical Equipment, is designed to offer patients a smoother transition from hospital stay to home. It specializes in respiratory equipment, such as home oxygen, non-invasive ventilation, Continuous Positive Airway Pressure (CPAP), Bi-Level Positive Airway Pressure (BiPAP), nebulizers and other similar nonvent equipment and supplies. Walkers, wheelchairs, adjustable beds, rollators, bedside commodes and off-the-shelf orthopedic supplies are also available for delivery.

DASCO-Mountain Health Home Medical Equipment has staff and supplies on hand, eliminating the need to make arrangements that could delay a patient's discharge from the hospital or their immediate use of the needed equipment. The addition of the new venture is seamless for patients, and patient choice for other home medical equipment providers continues to be offered.



"This agreement helps us improve the continuum of quality care for our patients and offer a choice after they leave our facilities," said Michael Mullins, FACHE,

president and CEO of MHN.



"We'll have more influence in the quality, inventory and expense of home medical equipment as we make the most of DASCO's long-time expertise in the business. It's a partnership in getting our patients the equipment they need to improve their quality of life."

The facility is located at 1231 Sixth Avenue in Huntington and is open weekdays from 8 a.m. to 5 p.m. Patients will need a prescription and insurance card to begin the process. A 24-hour on-call service is also available seven days a week.

DASCO is a family-owned and operated home medical equipment company based in Columbus, Ohio. It has been providing home medical equipment to people in the area for more than 30 years with similar joint ventures at eight of its 15 locations.



"We've enjoyed working with Cabell Huntington Hospital and Pleasant Valley Hospital for the last two years, and we're excited to take things to the next level with a healthcare leader that's known for the highest quality of patient care," said Jason Seeley, president of DASCO.

"We're excited about supporting the community, and we're happy this venture benefits our patients."

WELCOME NEV



Jesse N. Cottrell, MD, FACOG - Obstetrics & Gynecology

Dr. Cottrell is fellowship trained in caring for high-risk pregnancies, including cases of preterm labor, placenta previa, miscarriage risk, multiple births, preeclampsia and gestational diabetes. He also specializes in ultrasounds, fetal echocardiograms and non-stress tests.

Education & Training

Medical School: American University of the Caribbean School of Medicine (St. Maarten) Residency: Marshall University Joan C. Edwards School of Medicine (Huntington, W.Va.) Fellowship: University of Mississippi Medical Center (Jackson, Miss.)

For more information or to schedule an appointment, please call 304.691.1400.



M Assistant Professor, Department of Obstetrics and Gynecology at the Joan C. Edwards School of Medicine.

Kristopher M. Day, MD – Surgery

Dr. Day is a plastic surgeon specializing in the reconstruction and rejuvenation of the face and head. He is fellowship-trained with experience treating children and adults with cleft lip and palate, cranial defects, jaw deformities, facial trauma and facial tumors. He is proficient in advanced techniques in cosmetic surgery of the nose, ear, eyelids, neck and face. In addition to these specialized services, Dr. Day is comprehensively trained to perform core plastic surgery procedures, including reconstruction of the breasts, body and limbs.

Education & Training

Medical School: University of Iowa Carver College of Medicine (Iowa City, Iowa)
Residency: Warren Alpert Medical School of Brown University (Providence, R.I.)
Residency: University of Tennessee, Erlanger Medical Center (Chattanooga, Tenn.)
Fellowship: University of Texas, Dell Children's and Dell Seton Medical Centers (Austin, Texas)



For more information or to schedule an appointment, please call 304.691.8910.



Assistant Professor, Department of Surgery at the Joan C. Edwards School of Medicine.



Mary Beth Hogan, MD – Pediatric Allergy

Dr. Hogan specializes in diagnosing, treating and managing environmental allergies, asthma, food allergies, chronic hives, eczema and other allergic skin disorders, recurrent infections and immunodeficiency disorders in pediatric patients.

Education & Training

Medical School: University of Cincinnati School of Medicine (Cincinnati, Ohio)
Residency: The Ohio State University, Nationwide Children's Hospital (Columbus, Ohio)
Fellowship: Northwestern University, Ann and Robert H. Lurie Children's Hospital (Chicago, Ill.)

For more information or to schedule an appointment, please call 304.691.1300.



(M) Professor, Department of Pediatrics at the Joan C. Edwards School of Medicine.

N PHYSICIANS

Sajeel R. Khan, MD - Neurosurgeon

Dr. Khan specializes in back and neck care, particularly complex adult and adolescent spinal deformities and scoliosis. He is a member of the American Association of Neurosurgeons.

Education & Training

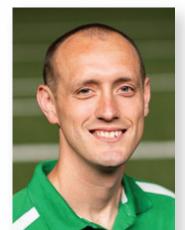
He completed his medical training at King Edward Medical University in Lahore, Pakistan, followed by a neurosurgery residency at the University of Illinois College of Medicine at Chicago. He recently finished an adult and adolescent spinal deformity fellowship at the University of Pennsylvania Shriners Hospital in Philadelphia, Pennsylvania.

For more information or to schedule an appointment, please call 304.691.1787.



Assistant Professor, Department of Neurology at the Joan C. Edwards School of Medicine.





Dana Lycans, MD - Orthopaedics

Dr. Lycans serves as an orthopaedic sports medicine physician for Marshall Athletics and specializes in sports medicine as well as the surgical treatment of the shoulder, elbow, hip and knee.

Education & Training

Medical School: Marshall University Joan C. Edwards School of Medicine (Huntington, W.Va.) Residency: Marshall University Joan C. Edwards School of Medicine - Orthopaedic Surgery (Huntington, W.Va.)

Fellowship: American Sports Medicine Institute, Andrews Sports Medicine and Orthopaedic Center - Orthopaedic Sports Medicine (Birmingham, Ala.)

For more information or to schedule an appointment, please call 304.691.1262.



Assistant Professor, Department of Orthopaedics at the Joan C. Edwards School of Medicine.

Semeret T. Munie, MD - Surgery

Dr. Munie is a fellowship-trained surgeon providing comprehensive weight loss surgery for patients with morbid obesity using a minimally invasive approach. Her fellowship training also includes minimally invasive anti-reflux and foregut surgery, as well as repair of simple and complex abdominal wall hernias. Dr. Munie has additional fellowship training in surgical critical care, managing patients in the intensive care unit.

Education & Training

Medical School: Larner College of Medicine at the University of Vermont (Burlington, Vt.)

Residency: Henry Ford Hospital (Detroit, Mich.)

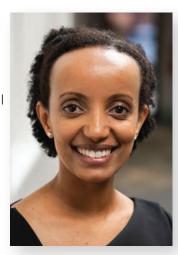
Fellowship: Henry Ford Hospital - Surgical Critical Care (Detroit, Mich.)

Fellowship: Medical College of Wisconsin (Milwaukee, Wis.)

For more information or to schedule an appointment, please call 304.691.1300.



Assistant Professor, Department of Surgery at the Joan C. Edwards School of Medicine.





U.S. News & World Report Names St. Mary's among Best Hospitals in West Virginia

St. Mary's Medical Center has been recognized as a Best Hospital for 2019-20 by *U.S. News & World Report*. This is the second consecutive year St. Mary's has received this award.

The annual Best Hospitals rankings and ratings, now in their 30th year, are designed to assist patients and their doctors in making informed decisions about where to receive care for challenging health conditions or for common elective procedures.

St. Mary's was also recognized as a High Performing Hospital in four specific procedures and conditions: chronic obstructive pulmonary disease (COPD), heart bypass surgery, heart failure and hip replacement.

"We are pleased to once again be recognized by *U.S. News & World Report* for excellence in patient care," said Todd Campbell, St. Mary's



president. "Our physicians, nurses and staff work tirelessly to achieve the best possible outcomes for our patients, and I am proud that hard work has been

acknowledged on a national level."

For the 2019-20 rankings and ratings, *U.S. News* evaluated more than 4,500 medical centers nationwide in 25 specialties, procedures and conditions. In the 16 specialty areas, 165 hospitals were ranked in at least one specialty. In rankings by state and metro area, *U.S. News* recognized hospitals as high performing across multiple areas of care.

"For 30 years, *U.S. News* has strived to make hospital quality more transparent to health care consumers nationwide," said Ben Harder, managing editor and chief of health analysis at *U.S. News.*

"By providing the most comprehensive data available on nearly every hospital across the United States, we give patients, families and physicians information to support their search for the best care across a range of procedures, conditions and specialties."

The *U.S. News Best Hospitals* methodologies in most areas of care are based largely on objective measures such as risk-adjusted survival and discharge-to-home rates, volume and quality of nursing, among other care-related indicators.

More information about the 2019-20 rankings and ratings is available at http://health.usnews.com.



Cabell Huntington Hospital among 100 Best Hospitals for joint replacement nine years in a row



Cabell Huntington Hospital (CHH) has been recognized by Healthgrades as one of *America's 100 Best Hospitals* for Joint Replacement for the ninth year in a row. CHH has received this designation for as long as the award has been available to the public.

CHH has also been recognized as one of Healthgrades 2019 America's 100 Best Hospitals for Orthopedic Surgery for the second year. These achievements place CHH's Mary H. Hodges Joint Replacement Center among the top 100 hospitals out of nearly 4,500 evaluated nationwide. In addition, CHH is also celebrating 13 consecutive years as a 5-star (out of five stars) designated facility for knee replacement surgery.

CHH'S HEALTHGRADES AWARDS OF CONTINUED EXCELLENCE IN ORTHOPEDICS INCLUDE:

- ONLY hospital in WV to be America's 100 Best for Joint Replacement 9 years in a row (2012-2020)
- ONLY hospital in WV to receive Joint Replacement Excellence AwardTM for 13 years in a row (2008-2020)
- ONLY hospital in WV among the Top 5% in the Nation for Joint Replacement for 10 years in a row (2011-2020)
- ONLY hospital in WV Among the Top 10% in the Nation for Joint Replacement for 13 years in a row (2008-2020)
- Recipient of the Orthopedic Surgery Excellence Award for 3 years in a row (2018-2020)
- ONLY hospital in WV among the Top 10% in the Nation for Overall Orthopedic Services for 3 years in a row (2018-2020)
- Five-Star Recipient for Total Hip Replacement for 3 years in a row (2018-2020)
- Five-Star Recipient for Total Knee Replacement for 13 years in a row (2008-2020)

Cabell Huntington Hospital also received 12 other awards from Healthgrades for quality and safety practices. A complete list of these awards can be viewed at www.cabellhuntington.org.

New Department of Oncology to Focus on Cancer Specialties

Marshall University Joan C. Edwards School of Medicine announced plans to establish a new Department of Oncology to house the more than a dozen oncology faculty spread throughout various departments based on specialty.

Joseph I. Shapiro, MD, dean of the School of Medicine said creating a dedicated department in partnership with the Edwards Comprehensive Cancer Center (ECCC) would facilitate increased collaboration in research, clinical trials and patient care.

"Through this newly-formed Department of Oncology, we are making an intentional, formalized shift toward team-based oncology care at Marshall and ECCC," Shapiro said. "It will also lay a solid foundation for team research in cancer care."

Shapiro said it will also provide more opportunities for faculty advancement and recruitment and continue to grow advanced cancer care throughout the state and region, creating more opportunities for expansion in the areas of graduate medical education and opening the door for future fellowships.

James Jensen, MD, will serve as chair of the newly formed department. Jensen also serves as chair of urology and is the medical director of the ECCC.

"This is an exciting development for patients seeking cancer treatment in our region as we forge a unified practice model with experience and expertise in all areas of oncology," Jensen said. "We are pleased with the vision of our medical school and cancer center leadership to create this collaborative environment that will enhance the level of care for cancer patients and open us to new opportunities in research."

Adapted from a release from Marshall Health.

Jensen named Medical Director at the Edwards Comprehensive Cancer Center

James C. Jensen, MD, FACS, board-certified urologic oncologist, has been named the Medical Director of the Edwards Comprehensive Cancer Center (ECCC) at Cabell Huntington Hospital (CHH). He joined the medical staff at CHH in 2006, founding the urological oncology program at the ECCC.



He has served as interim director since January 2018.

Jensen will oversee the medical leadership structure and clinical operations of the ECCC, which has more than 100,000 patient visits per year and has over 120 dedicated medical, surgical and radiation oncologists, nurses, medical assistants and other personnel.

"Dr. Jensen has contributed to many ECCC milestones in clinical trials, research projects, trialing new technologies and clinical protocols and has been instrumental in the center's tremendous growth," said Kevin Fowler, president of Cabell Huntington Hospital. "He will provide strong leadership as we continue to build on our excellent reputation as a regional destination for cancer care."

Jensen, having performed nearly 2,000 procedures using the *da Vinci® Surgical System*, is one of the most experienced robotic surgeons in the nation. He specializes in robotic surgery for malignant and benign, conditions of the adrenal gland, kidney, bladder, prostate and other associated organs. He and his team have represented the ECCC and Marshall University at numerous national and international conferences, presenting his work in robotic surgical renal preservation in kidney cancer, robotic treatment of BPH and robotic reconstruction of the urinary tract in the treatment of ureteral cancer, bladder cancer and non-urological cancers such as endometrial, ovarian and cervical cancer.

Dr. Jensen is a member of the American Urological Association, a Diplomat of the American Board of Urology and a Fellow of the American College of Surgeons. He is a member of numerous professional organizations and is designated as a Surgeon of Excellence by the Surgery Review Council. He is a Magna Cum Laude graduate of the University of Utah and member of the Phi Beta Kappa National Honors Society. He received his medical degree from the University of Chicago Pritzker School of Medicine and completed his residency in urology at the University of California Medical Center in Los Angeles, Calif. Jensen completed his fellowship in urological oncology in the surgery branch of the National Cancer Institute in the National Institutes of Health, Bethesda, Maryland.

Jensen is professor-in-chief and chairman of the Department of Urology at the Joan C. Edwards School of Medicine.

Cabell Huntington Hospital receives Gold Honors for quality and safety

Cabell Huntington Hospital (CHH) was recognized by the West Virginia Hospital Association (WVHA) for outstanding work in the Commitment to Excellence Honors Program. CHH received Gold Honors for patient safety and quality.

"We are committed to providing our staff with safe working conditions and appropriate staffing levels that put the quality of care for our patients at the highest level," said Kevin Fowler, president of CHH. "We continually work with and listen to the suggestions from frontline staff on ways to improve and I am proud of our teams for their commitment to excellence."

The WHA recognized CHH for outstanding work in the following topic areas:

- Antibiotic stewardship
- Breastfeeding initiative
- Care transitions
- Emergency Department Information Exchange (EDIE)
- Hospital Improvement Innovation Network (HIIN)
- Influenza vaccination
- Opioid stewardship
- Tobacco cessation assistance
- WVHA Discharge Data Program



"The WVHA is very proud of our honors program award winners and the commitment to excellence demonstrated by our member hospitals and health systems in serving West Virginians," said Joe Letnaunchyn, West Virginia Hospital Association president and CEO.

The WVHA is a not-for-profit, statewide organization representing 63 hospitals and health systems across the continuum of care. The WVHA supports its members in achieving a strong, healthy West Virginia by providing leadership in healthcare advocacy, education, information and technical assistance, and by being a catalyst for effective change through collaboration, consensus building and a focus on desired outcomes.

Members of the association believe it is essential, in the interest of West Virginia citizens, to have a strong health care system that supports and improves the health status of those people served by our hospitals, as well as the economic condition of the state. West Virginia's hospitals seek to establish and maintain trust among providers, policymakers and the public through actions, sensitivity, professionalism and community-minded commitment to service.

The Commitment to Excellence Honors Program is a way hospitals can be recognized for the outstanding work they do in pursuit of these goals.

For more information about the WVHA, please visit www.wvha.org.

Fowler to chair the West Virginia Hospital Association Board

Kevin Fowler, president of Cabell Huntington Hospital (CHH), was appointed West Virginia Hospital Association (WVHA) board chair. WVHA, representing 63 acute care and specialty hospitals and health systems in West Virginia, recently elected new officers to the board of directors. Fowler previously served as chair-elect.

The WVHA supports its members in achieving a strong, healthy West Virginia by providing leadership in healthcare advocacy, education, information and technical assistance, and by being a catalyst for effective change through collaboration, consensus building, and a focus on desired outcomes.



West Virginia Hospital Association President and CEO Joe Letnaunchyn presents Kevin Fowler, president of Cabell Huntington Hospital with the Gold Honors Commitment to Excellence Award during the Commitment to Excellence Honors Program.





Cabell Huntington Hospital | St. Mary's Medical Center

1340 Hal Greer Boulevard Huntington, West Virginia 25701

Marshall neurology resident earns prestigious epilepsy mini-fellowship

Dipali Nemade, MD, M.Ph., a thirdyear neurology resident physician at the Marshall University Joan C. Edwards School of Medicine, was selected for the J. Kiffin Penry Residents Epilepsy Program.

Nemade was one of 35 residents throughout the United States selected for the epilepsy mini-fellowship. The three-day intensive Residents Epilepsy Program is presented by distinguished guest speakers from around the country, along with the faculty and staff of the Comprehensive Epilepsy Center of the Wake Forest School of Medicine.

"I was honored to be selected for this prestigious program," Nemade said. "It was a very intensive, but fun, epilepsy learning program. To be taught by the leading epileptologists in the country is such a privilege."



The Epilepsy Mini-Fellowship Program is a comprehensive course in the diagnosis and management of seizures, current advances in epilepsy including new diagnostic methods, treatment options and management of epilepsy in special populations. Mini-fellows attend and give case presentations to advance their knowledge of epilepsy through lecture sessions, case workshops and peer group discussion. During the program, Nemade presented a case on EEG findings of Creutzfeldt–Jakob disease.

"We were ecstatic to hear that Dr. Nemade was the first-ever Marshall resident to be accepted to the Penry Epilepsy Mini-Fellowship," said Justin M. Nolte, MD, an associate professor in the department of neurology and the program's residency director. "There is a great deal of competition to be part of this opportunity and Dipali's participation is a testament to her clinical and scholarly successes."

After completing her neurology residency at Marshall in June 2021, Nemade is interested in pursuing a full fellowship in epilepsy.