

# PEN

MARSHALL UNIVERSITY JOAN C. EDWARDS SCHOOL OF MEDICINE  
*Professional Enhancement Newsletter*

KEEPING YOU CONNECTED

## Reaching new heights together in WV: bringing humanism to the medical community



West Virginia's first statewide Gold Humanism Educational Summit was held February 7th, in Charleston, WV. The idea behind the conference was simple: the goal of the summit was to educate health professionals and health professional students about the importance of patient-centered care and compassion in the medical field. GHHS members from both JCESOM and West Virginia University School of Medicine (WVU SOM) collaborated to bring this discussion and celebration

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### Balancing scientific knowledge and humanism

*Our JCESOM community shares one vision—a vision that balances scientific excellence with a humanistic attitude. We continually enrich our knowledge through experiences and opportunities, looking forward to the challenges of today and tomorrow. We learned about the basis of obesity from world-renowned speakers and researchers during JCESOM's first childhood obesity conference. We took notes with our heads and our hearts during the first statewide educational summit on humanism in the medical community, an effort lead by JCESOM's very own students and faculty. We are a community united, seeking to better ourselves through wisdom and compassion, in order that we may better serve our patients and our community.*

*—Darshana Shah, Ph.D.*

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## From the Dean's Desk



Dear colleagues,

Spring began with successful matches for all of our senior medical students. Pat yourself and your fellow staff and faculty members on the back for a job well done. Your hard work has ensured a student-centered experience, and JCESOM stands at the forefront in healthcare delivery for our region. You, the committed faculty and staff, are the most essential element of JCESOM's success; your commitment shines through, illuminated by your personal investment in the budding success of each individual student and patient.

As every student progresses to his/her next phase of learning, we also turn our own eyes to the future and the future of JCESOM. JCESOM has tremendously expanded its clinical services and training programs, to include the recent announcement of a new residency training program in psychiatry. As faculty, we must continue on, ever-changing and ever-molding JCESOM's culture into one of service and true academia. We need to expand our research and scholarship footprint by embracing scholarship and innovation in education and clinical service. Push forward, relentlessly addressing the questions and needs of our own community and the medical field. Always remember the mission of JCESOM—to provide high quality education, fostering skilled physicians to meet the unique healthcare needs of our region.

Thank you again for your hard work.

Best Wishes,

A handwritten signature in black ink, appearing to read "Joseph I. Shapiro".

Joseph I. Shapiro, M.D.  
Dean, JCESOM

*Please visit the web  
site for the Office  
of Faculty Affairs  
& Professional  
Development  
to view a range  
of educational  
opportunities  
and professional  
development to suit  
your needs!*



of humanism to the attention of West Virginia's medical community.

The day-long conference covered a wide variety of topics, from serving homeless populations to using motivational interview techniques to influence patients' lifestyle choices. Every narrative told of the importance of compassion when caring for patients, and the lessons of each session inspired and encouraged the participants. Participants walked away from the seminar reaffirmed and recharged in their journey as compassionate medical professionals in a demanding—yet wholly fulfilling—career.



Zubair Ansari (left), a JCESOM senior and GHHS member, moderates a panel called "The Spark of Medicine: Patient Stories That Continue to Drive Us to Practice Medicine." The session was one of many that day that demonstrated the tangible connection between health care providers and their patients.

The panelists (right), pictured from left to right, are Jeff Ashley, M.D., WVU



Family Medicine; Jill Hopkins, M.D. (Resident), Marshall Pediatrics; Shelda Martin, M.D., WVU Internal Medicine; Lisa Costello, M.D. (Resident), WVU Internal Medicine and Pediatrics; James Binder, M.D., Cabin Creek Health System Psychiatry and Pediatrics; Sean Loudin, M.D., Marshall Neonatology.

## Dr. Cheung, winner of AMSA national teaching award, shares his teaching philosophy with PEN



Dr. Felix H. Cheung is the first Marshall faculty to win the National Golden Apple Award for Teaching Excellence by the American Medical Student Association (AMSA). The

award, created in 1996, is presented to only one medical faculty member annually and recognizes a medical school professor who has made a significant impact on their students and medical education.

PEN interviewed Dr. Cheung, who provided insight into his teaching style and philosophies, as well as some sage advice for medical and teaching professionals.

**PEN:** What is your approach to, or philosophy on, teaching?

**Dr. Cheung:** I try to focus more on the learning than the teaching. I can

give the best lecture in the world, but if the student doesn't learn from it, I am not a good teacher. I often use several methodologies to teach the same material to take into account the different preferences of the students.

**PEN:** How would you describe your teaching style? How has your teaching style evolved over the years?

**Dr. Cheung:** Adaptive. I'm not married to any style. If it doesn't work, it goes. For example, I used to give 8 one hour lectures. I thought I gave a pretty good lecture. But the feedback was average, and I have adjusted my style to be less socratic, less aloof.

**PEN:** Has your family impacted your teaching style?

**Dr. Cheung:** I credit my wife for developing the teaching techniques I use. She has two master's degrees in teaching, and she saw me working on my PowerPoint presentations several years ago, and gently enlightened me that lectures were one of the worst

ways to get adults to learn. We worked together to develop active learning modules, graphic organizers, case based presentations, etc. to engage the student and get them to learn.

**PEN:** Can you draw some parallels between teaching and medicine?

**Dr. Cheung:** "Doctor" is Latin for teacher; I spend my days teaching my patients about their conditions, what they can do about them, and how I can help guide them to the best treatments for them. I try not to talk at them but with them so they understand their situation. I think this improves compliance and ultimately outcomes and patient satisfaction.

**PEN:** What has been the most challenging aspect of your job?

**Dr. Cheung:** Being open to feedback. We all take pride in what we do, and it is humbling to take feedback from patients, students, residents, co-workers, staff. I have to work at this

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every day, but it has made me a better surgeon, teacher, and person.

**PEN:** What advice would you give other faculty and physicians?

**Dr. Cheung:** Try to be as student-centric or patient-centric as possible. They are paying for your services; if students want the material presented a certain way, or if patients want

their visit to go a certain way, try to accommodate them as much as you can.

**PEN:** If there is one thing you wish you had been taught as a medical student or as a new faculty member, what would it be?

**Dr. Cheung:** "No one cares how much you know until they know how much you

care." Dr. Chuck Giangarra taught me this, and it rings true every day.

Dr. Cheung is an associate professor in the department of orthopaedics, department vice chair of operations and finance, chief of the division of orthopaedic oncology at JCESOM, and an orthopaedic oncologist at the Edwards Comprehensive Cancer Center.

## Congratulations to our 2014-2015 GHHS inductees!



Seventeen outstanding students, residents and faculty members have been inducted into the Marshall University Joan C. Edwards School of Medicine chapter of the Gold Humanism Honor Society (GHHS.) Faculty advisors, Dr. Darshana Shah and Dr. Sean Loudin, are pictured with the inductees.

## Gold Humanism Honor Society (GHHS) inductees during 2013-2014 years

### **MEDICAL STUDENTS:**

Zubair A. Ansari  
Don A. Bertolotti  
Caroline "Carly" L. Brady  
W. Dennis Carr  
Lora B. Fetty  
Rebecca "Becca" M. Hayes  
Joshua F. Hendrix  
Sammy Hodroge  
Corey A. Keeton  
Douglas C. vonAllman  
Hugh Brian Cahill  
Carl Nicholas Chotas  
George Hager Clements  
John Mather Davitt  
Aaron Matthew Dom  
Jessica Ann Layne

Andrew Scott Martin  
Casey Dawn Patick  
Sarah Elizabeth Slocum  
Adam Joseph Van Horn

### **RESIDENTS:**

**Family and Community Health**  
Kimberly R. Becher, M.D.

### **Family Medicine**

Katherine Janel Steele, M.D.  
Robin Nicole Tolbert, D.O.

### **Pediatrics**

Jennifer Kayser Gerlach, M.D.  
Susan M. Lopata, M.D.  
Lauren M. Thompson, M.D.

### **OB/GYN**

Jared Thomas Brownfield, M.D.

### **Surgery**

Amy M. Bair, M.D.

### **FACULTY:**

#### **Family and Community Health**

Kathleen M. O'Hanlon, M.D.  
Charles C. McCormick, M.D.  
Adrienne M. Mays, M.D.

#### **Internal Medicine**

Christine L. Gilkerson, M.D.

#### **Neuroscience**

Justin M. Nolte, M.D.

#### **Pediatrics**

Joseph E. Evans, M.D.  
Sean Loudin, M.D.

## Women in Medicine and Science Council continues to serve

Dr. Kathleen O’Hanlon served as the first council chair for JCESOM’s Women in Medicine and Science (WIMS) council, created in 2009. The mission of the WIMS council, as a forum affiliated with the Association of American Medical Colleges (AAMC), is to help advance the careers of women in the fields of medicine and science through recruitment, mentoring, networking, and recognition. Since its inception, the WIMS council has assisted women faculty, students, and residents in becoming accomplished, productive, successful, and happy in their chosen endeavors of teaching, research, patient care, or administration. One WIMS project, under Dr. O’Hanlon’s leadership and through Shawndra Barker’s efforts as the student representative, involved collaboration with the local “YMCA” and resulted in convenient, affordable childcare services for Marshall Health.

The WIMS council faculty representatives currently include Kathleen O’Hanlon, M.D., Shirley Neitch, M.D., Paulette Wehner, M.D., Darshana Shah, Ph.D., Beverly Delidow, Ph.D., Elaine Hardman, Ph.D., Jung Han Kim, Ph.D., Miranda Carper (graduate student), Shawndra Barker (student representative) and Sarah Sexton (MS III). The JCESOM WIMS council website can be found at <http://musom.marshall.edu/fdp/women-medicine.asp>.

## Simulation at MU demonstrates stress, hardships in poverty



Under the leadership of Dr. Shelvy Campbell, JCESOM assistant dean for diversity, an interactive poverty simulation was provided by Pride Community Services of Logan, WV, to Marshall University on March 28th, 2014. The goal of the poverty simulation was to sensitize participants to the hardships faced by real people and to help participants begin to understand what it feels like to live in poverty. During the simulation, participants received a real feeling of anxiety and a sense of urgency to get things under control. The simulation educated participants about the typical day-to-day strategies of a low-income family trying to survive from month-to-month with a shortage of money and an abundance of stress.

## International team rethinks renal-artery stenosis treatment

Dr. Joseph I. Shapiro, dean of JCESOM, served as the enrollment chairman with a team of researchers around the world for the publication, “Stenting and medical therapy for atherosclerotic renal-artery stenosis.” The study, called Cardiovascular Outcomes in Renal Atherosclerotic Lesions (CORAL), included 947 patients across multiple centers. The study was the largest of its kind, and the outcomes of the study indicated no significant benefit to stenting, a commonly-used procedure for patients with renal-artery stenosis. The study’s findings were published in November in the *New England Journal of Medicine*, the premier journal for publishing clinical studies.

## National science and medicine policy advisor discusses biomedicine with JCESOM students

Dr. Phyllis Frosst, senior policy fellow at the Personalized Medicine Coalition in Washington, D.C., visited Marshall University on October 17th to talk with students about career options in the biomedical science field. Dr. Frosst’s visit was part of a new immersion program called Transforming Interdisciplinary Graduate Education (TIGRE), with the aim of exposing students to the variety of opportunities available in the biomedical field. The discussion centered on biomedical opportunities at the federal level and gave students a glimpse into potential jobs and careers that extend beyond the more traditional and well-known lab setting. As an emerging and ever-changing field, biomedical science now includes positions in industry, technical and science writing, biotechnology patent law, and science and medicine policy.

# Marshall faculty serves as the senior editor for e-book *Universal Notes for Medical Students*

Dr. Aaron McGuffin, associate professor in the department of pediatrics, is the senior editor of *Universal Notes for Medical Students*. The e-book is both innovative and revolutionary in its vision: *Universal Notes* endeavors to contain all of the relevant medical educational material necessary for medical students as they train to become physicians.

Dr. McGuffin conceived the idea for the book several years ago while attending a national meeting of medical educators. John Prescott,

Chief Academic Officer for the AAMC, posed the question, "Why do we not have a national medical curriculum?" Dr. McGuffin turned that question into action, and *Universal Notes* was born. Under Dr. McGuffin's guidance, and through the work of 5 student editors and over 50 authors and contributors from the United States, Canada, and the Caribbean, the book's first edition was published in November 2013, on [www.inkling.com](http://www.inkling.com). *Universal Notes for Medical Students* lives up to its name as a living, changing document. The book is updated approximately every

two months, relying on feedback from students.

According to [myuniversalnotes.com](http://myuniversalnotes.com), *Universal Notes* strives "to create the best collection of medical education material available for students, so that they may use that learning where it really matters—in the exceptional care of the patient."

## Congratulations!



**Suzanne Holroyd, M.D.**, has been named chairman of the department of psychiatry and behavioral medicine at JCESOM.



**Gerard Oakley, M.D.**, a longtime cancer specialist and Chief of the Division of Gynecologic Oncology at JCESOM, has been named medical director of the Edwards Comprehensive Cancer Center (ECCC) at Cabell Huntington Hospital.



**Stephen M. Petrany, M.D.**, has been appointed chairman of the department of family and community health at JCESOM.



Three JCESOM resident physicians, Dr. Kimberly Becher, Dr. Kane Maiers, and Dr. Matthew Christiansen (pictured from left to right), were honored in March as Paul Ambrose Health Policy fellows by the West Virginia State Senate. The Senate's resolution also named Dr. Tracy Hendershot, JCESOM class of 2008, who served as the first Ambrose fellow.

JCESOM's chapter of the American Medical Student Association (AMSA) has been awarded the Paul R. Wright Chapter Success Award by the AMSA's national leadership for the chapter's programming efforts in 2013. The award is given to chapters that have promoted

the AMSA's mission of inspiring future physicians through local events, innovative programming, leadership development, and calls to action.

# Congratulations!

JCESOM Staff and Faculty recognized during the fall student awards ceremony

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## Class of 2014 awards

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**Dr. Sean Loudin**  
Best Attending



**Dr. Susan Lopata**  
Best Resident

**Pediatrics**  
Best Rotation

**Ms. Glenna Michael**  
Best Clerkship Coordinator

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## Class of 2015 awards

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**Dr. Paul Durst**



**Dr. Nancy Norton**



**Amy Smith, M.Ed.**

**Dr. Jamie Allmen**

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## Class of 2016 awards

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**Dr. Sasha Zill**  
Commitment to  
Learning Award



**Dr. Todd Green**  
Enthusiasm in  
Teaching Award



**Dr. Mitchell Berk**  
Lifetime of Service  
Award

## American Medical Student Association (AMSA) Golden Apple Recipients



**Dr. Felix Cheung**



**Dr. Todd Green**



**Dr. Sasha Zill**

# Celebrating Excellence

## Annual Faculty & Staff Awards



**Dean's Award for Excellence in Education**  
**Susan Jackman, Ph.D.**  
(Biochemistry & Microbiology)



**Dean's Award for Excellence in Research**  
**Monica Valentovic, Ph.D.**  
(Pharmacology, Physiology, & Toxicology) –  
Basic Science Award



**Dean's Award for Excellence in Research**  
**Franklin Shuler, M.D.**  
(Orthopedics) – Clinical Award



**Dean's Award for Excellence in Clinical Care**  
**Kevin McCann, M.D.**  
(Family Medicine)



**Leonard B. Tow Humanism in Medicine**  
**Russell Fry, M.D.**  
(Ophthalmology)



**Excellence in Mentoring**  
**Mitch Charles, M.D.**  
(Family Medicine)



**Excellence in Professionalism**  
**Adrienne Mays, M.D.**  
(Family Medicine)



**Excellence in Collaboration**  
**Amy Smith, M.Ed.**  
(Office of Medical Education)



**Excellence in Commitment**  
**Chuck Clements, M.D.**  
(Family Medicine)



**Excellence in Leadership**  
**Paulette Wehner, M.D.**  
(Cardiology)



# AWARDS, HONORS & SERVICE

October 1st to March 30th

## Book and Book Chapters

### Anatomy & Pathology

**A. Betts Carpenter.** "Role of Immune System in Infectious Disease." Chapter in *Manual of Medical Microbiology*. Published 2013.

### Biochemistry & Microbiology

Fahrman JF, Witte TR, **W. Elaine Hardman.** "Omega-3 Fatty Acids as Therapy for Cancer." Chapter in *Cancer Therapy in the 21st Century*. Published 2014.

## Peer-Reviewed Publications

### Anatomy & Pathology

Holloway WL, Claeson KM, **F. Robin O'Keefe.** "A virtual phytosaur endocast and its implications for sensory system evolution in archosaurs." *Journal of Vertebrate Paleontology*. Published 2013.

Otero RA, Soto-Acuña S, **F. Robin O'Keefe,** O'Gorman JP, Stinnesbeck W, Rubilar-Rogers MESD, Salazar C, Quinzio-Sinn LA. "Aristonectes quiriquinensis sp. nov., a new highly derived elasmosaurid from the late Maastrichtian of central Chile." *Journal of Vertebrate Paleontology*. Published 2013.

**Maria A. Serrat,** Dom AM, Buchanan JT, Williams AR, Efaw ML, **Laura L. Richardson.** "Independent learning modules enhance student performance and understanding of anatomy." *Anatomical Sciences Education*. Published February 2014.

**Maria A. Serrat,** Efaw ML, Williams RM. "Hindlimb heating increases vascular access of large molecules to murine tibial growth plates measured by in vivo multiphoton imaging." *Journal of Applied Physiology*. Published February 2014;116(4):425-38.

**Maria A. Serrat.** "Environmental temperature impact on bone and cartilage growth." *Comprehensive Physiology*. Published April 2014;4(2):621-55.

**Sasha N. Zill,** Chaudhry S, Büschges A, Schmitz J. "Directional specificity and encoding of muscle forces and loads by stick insect tibial campaniform sensilla,

including receptors with round cuticular caps." *Arthropod Structure and Development*. Published October 2013; 42:455-467.

**Gerard J. Oakley, III.** "The future of oncology treatment through diagnostic testing." *Medical Laboratory Observer*. Published December 2013; 45(12):38.

Ritzmann RE, **Sasha N. Zill.** "Neuroethology of Insect Walking." Review published September 2013; Scholarpedia 8(9):30879.

### Biochemistry & Microbiology

Cortese A, Savastano M, Cantone A, **Pier Paulo Claudio.** "A new palatal distractor device for bodily movement of maxillary bones by rigid self-locking mini plates and screws system." *Journal of Craniofacial Surgery*. Published 2013.

Cortese A, Savastano G, Amato M, Cantone A, Boschetti C, **Pier Paulo Claudio.** "New palatal distraction device by both bone-borne and tooth-borne force application in a paramedian bone anchorage site: surgical and occlusal considerations on clinical cases." *Journal of Craniofacial Surgery*. Published March 2014;25(2):589-95.

Wolf MA, **Pier Paulo Claudio.** "Benzyl isothiocyanate inhibits HNSCC cell migration and invasion, and sensitizes HNSCC cells to cisplatin." *Nutrition and Cancer*. Published January 2014;66(2):285-94.

Yin Y, Withers TR, **Richard M. Niles,** Johnson SL, **Hongwei Yu.** "Draft Genome Sequences of Two Alginate-Overproducing Variants of *Pseudomonas aeruginosa*, PAO1-VE2 and PAO1-VE13." *Genome Announcements*. Published December 2013;1(6).

**W. Elaine Hardman.** "Walnuts Have Potential for Cancer Prevention and

Treatment in Mice." *The Journal of Nutrition*. Published February 2014.

Withers TR, Yin Y, **Hongwei Yu.** "Identification and characterization of a novel inhibitor of alginate overproduction in *Pseudomonas aeruginosa*." *Pathogens and Disease*. Published October 2013.

Withers TR, Yin Y, **Hongwei Yu.** "Identification of Novel Genes Associated with Alginate Production in *Pseudomonas aeruginosa* Using Mini-himar1 Mariner Transposon-mediated Mutagenesis." *Journal of Visualized Experiments: JoVE*. Published March 2014;(85).

Yin Y, Damron FH, Withers TR, Pritchett CL, Wang X, Schurr MJ, **Hongwei Yu.** "Expression of mucoid induction factor MucE is dependent upon the alternate sigma factor AlgU in *Pseudomonas aeruginosa*." *BMC Microbiology*. Published October 2013;13(1):232.

Yin Y, Withers TR, Govan JR, Johnson SL, **Hongwei Yu.** "Draft Genome Sequence of a Stable Mucoid Strain of *Pseudomonas aeruginosa* PAO581 with a mucA25 Mutation." *Genome Announcements*. Published October 2013;1(5).

Yin Y, Withers TR, Johnson SL, **Hongwei Yu.** "Draft Genome Sequence of a Mucoid Isolate of *Pseudomonas aeruginosa* Strain C7447m from a Patient with Cystic Fibrosis." *Genome Announcements*. Published October 2013;1(5).

**Wei-ping Zeng,** McFarland MM. "Rapid and Unambiguous Detection of DNase I Hypersensitive Site in Rare Population of Cells." *PLoS One*. Published January 2014;9(1):e85740.

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## AAMC's Teaching for Quality (TE4Q) program

August 11th & 12th

**Presented by:** Nancy Davis, Ph.D., director, Practice Based Learning and Improvement, AAMC; Robert Flora, M.D., M.B.A., M.P.H., director of medical education and designated institutional officer, Providence Hospital & Medical Center, Southfield, Michigan

For more information, please contact rockel6@marshall.edu.

**Hongwei Yu.** "All things considered": transcriptional regulation of T helper type 2 cell differentiation from precursor to effector activation." *Immunology*. Published September 2013;140(1):31-8.

### Cardiology

Fannin J, Rice KM, Thulluri S, Arvapalli RK, **Paulette S. Wehner**, Blough ER. "The Effects of Aging on Indices of Oxidative Stress and Apoptosis in the Female Fischer 344/Nnia X Brown Norway/BiNia Rat Heart." *Open Cardiovascular Medicine Journal*. Published November 2013;7:113-21.

### Family Medicine

**Dilip Nair.** "A dream." *Family Medicine*. Published October 2013;45(9):660-1.

### Internal Medicine

**Rezwan Ahmed**, Davitt J, Goyal N, **Yaser M. Rayyan**. "Using Capsule Endoscopy to Determine the Diagnostic Yield in patient with Obscure GI Bleeding in an Academic Affiliated Hospital in West Virginia." Abstract in *American College of Gastroenterologists*. Published October 2013; Abstract P524, 10.2013.

Arthur S, Coon S, Kekuda R, **Uma Sundaram**. "Regulation of sodium glucose co-transporter SGLT1 through altered glycosylation in the intestinal epithelial cells." *Biochimica et Biophysica Acta*. Published May 2014;1838(5):1208-14.

Wang C, **Miaocong Wu**, Arvapalli R, Dai X, **Muhammad M. Mahmood**, **Henry K. Driscoll**, Rice KM, Blough E. "Acetaminophen Attenuates Obesity-Related Renal Injury Through ER-Mediated Stress Mechanisms." *Cellular Physiology and Biochemistry*. Published April 2014;33(4):1139-1148.

**Prasanna Santhanam**, **Christine I. Oakley**. "Pet imaging of the adrenal gland-utility and pitfalls." *Endocrine Practice*. Published April 2014;20(4):375-7.

Cooper CJ, Murphy TP, Cutlip DE, Jamerson K, Henrich W, Reid DM, Cohen DJ, Matsumoto AH, Steffes M, Jaff MR, Prince MR, Lewis EF, Tuttle KR, **Joseph I. Shapiro**, Rundback JH, Massaro JM, D'Agostino RB, Dworkin LD, CORAL Investigators. "Stenting and medical therapy for atherosclerotic renal-artery stenosis." *New England Journal of Medicine*. Published November 2014;370(1):13-22.

Murphy TP, Cooper CJ, Cutlip DE, Matsumoto A, Jamerson K, Rundback J, Rosenfield KA, Henrich W, **Joseph I. Shapiro**, Massaro J, Yen CH, Burtch H, Thum C, Reid D, Dworkin L. "Roll-in Experience from the Cardiovascular Outcomes with Renal Atherosclerotic Lesions (CORAL) Study." *Journal of Vascular and Interventional Radiology*. Published December 2013.

Fedorova LV, Tamirisa A, Kennedy DJ, Haller ST, Budnyy G, **Joseph I. Shapiro**, Malhotra D. "Mitochondrial impairment in the five-sixth nephrectomy model of chronic renal failure: proteomic approach." *BMC Nephrology*. Published October 2013;14(1):209.

Tzamaloukas AH, Sun Y, Konstantinov NK, Ing TS, Dorin RI, Malhotra D, Murata GH, and **Joseph I. Shapiro**. "Principles of quantitative fluid and cation replacement in extreme hyperglycemia." *Cureus*. Published October 2013.

Wang C, Blough ER, Arvapalli R, Dai X, Paturi S, Manne N, Addagarla H, Triest WE, **Omolola Lola Olajide**, **Miaocong Wu**. "Metabolic syndrome-induced tubulointerstitial injury: role of oxidative stress and preventive effects of acetaminophen." *Free Radical Biology & Medicine*. Published December 2013;65:1417-26.

**Mohammad K. Khasawneh**, Abdel-Wahab O. "Recent Discoveries in Molecular Characterization of Acute Myeloid Leukemia." *Current Hematologic Malignancy Reports*. Published March 2014.

**Rajesh Sehgal**, Alsharedi M, Larck C, Edwards P, **Todd W. Gress**. "Pancreatic cancer survival in elderly patients treated with chemotherapy." *Pancreas*. Published March 2014;43(2):306-10.

**Shirley M. Neitch**, Gilkerson C, Brammell A. "Pressure Sores in Bedridden Elders After Prolonged Power Outages From Severe Weather: Examining Two Underutilized Disaster Resources." *Clinical Geriatrics*. Published November 2013;21(11).

**Prasanna Santhanam**, **Henry K. Driscoll**. "Comparison of Metabolic Parameters Between Obese Normotensive and Obese Hypertensive Individuals-A Study of the NHANES Cross-Sectional Data 2011-2012." *Journal of Clinical Hypertension (Greenwich, Conn.)*. Published April 2014.

**Laurie B. Matt**, **Mohammad Mozayen**, Cox R, **Aneel A. Chowdhary**, **Rajesh Sehgal**. "Thrombotic Thrombocytopenic Purpura-like Illness with Stroke and Seizures Related to Intravenous Use of Opana." Case report in *Cancer Therapy*. Published 2013.

### Obstetrics & Gynecology

**Jennie Yoost**, Hertweck SP, Barnett SN. "The Effect of an Educational Approach to Pregnancy Prevention Among High-Risk Early and Late Adolescents." *The Journal of Adolescent Health*. Published March 2014.

### Orthopedic Surgery

**Felix H. Cheung**. "The practicing orthopedic surgeon's guide to managing long bone metastases." *The Orthopedic Clinics of North America*. Published January 2014;45(1):109-19.

Sanford Z, Israelsen S, Sehgal R, **Felix H. Cheung**. "Atypical growth on MRI in a case of Ewing's sarcoma despite lower SUV on PET." *Skeletal Radiology*. Published December 2013.

Ma B, Xie J, Jiang J, **Franklin D. Shuler**, Bartlett DE. "Rational design of nanofiber scaffolds for orthopedic tissue repair and regeneration." *Nanomedicine*

## Biostatics/Study Design Clinic

The Department of Clinical & Translational Sciences is hosting this clinic in the Translational Genomics Research Institute (TGR) Conference Room at the following dates and times:

July 16th, 9:00 a.m. - 1:00 p.m.

July 25th, 2:00 p.m. - 4:30 p.m.

July 28th, 9:00 a.m. - 11:30 a.m.

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(London, England). Published September 2013;8(9):1459-81.

**Tigran Garabekyan**, Hosseinzadeh P, Iwinski HJ, Muchow RD, Talwalkar VR, Walker J, Milbrandt TA. "The results of preoperative halo-gravity traction in children with severe spinal deformity." *Journal of Pediatric Orthopedics. Part B*. Published January 2014;23(1):1-5.

### Pediatrics

**Susan L. Flesher, Renee S. Domanico**. "Improved Growth and Development in Premature Infants Managed with Nasal Continuous Positive Airway Pressure." *West Virginia Medical Journal*. Published March 2014

**Yoram Elitsur, Rohit Aswani**, Lund V, and Dementieva Y. "Seasonal Trend of Eosinophilic Esophagitis in Children." *Gastroenterology*. Published 2013.

**Yoram Elitsur**. "The Diagnostic Yield of Upper Endoscopy Procedures in Children—Is it Cost Effective?" *Current Gastroenterology Reports*. Published May 2014;16(5):385. Gill RK, Al-Subu A, **Yoram Elitsur**, Gupta R, Treem WR, Rabinowitz S, Schwarz SM. "Prevalence and characteristics of eosinophilic esophagitis in 2 ethnically distinct pediatric populations." *The Journal of Allergy and Clinical Immunology*. Published February 2014;133(2):576-7.

Northcutt M, Al-Subu A, Brooke B, and **Yoram Elitsur**. "Safety of Infliximab in Children with IBD: The experience of an academic center in WV." *West Virginia Medical Journal*. Published 2013.

### Pharmacology, Physiology, & Toxicology

Brown KC, Perry HE, Lau JK, Jones DV, Pulliam JF, Thornhill BA, Crabtree CM, Luo H, Chen YC, and **Piyali Dasgupta**. "Nicotine induces the upregulation of the alpha7-nicotinic receptor (α7-nAChR) in human squamous cell lung cancer cells via the Sp1/GATA pathway." *Journal of Biological Chemistry*. Published November 2013;288(46):33049-59.

**Travis B. Salisbury**, Morris GZ, Tomblin JK, Chaudhry AR, Cook C, and **Nalini Santanam**. "Aryl hydrocarbon receptor ligands inhibit IGF-II and adipokine stimulated breast cancer cell proliferation." *ISRN Endocrinology (Journal)*. Published September 2013;104850.

Tomblin JK, **Travis B. Salisbury**. "Insulin like growth factor 2 regulation of aryl hydrocarbon receptor in MCF-7 breast cancer cells." *Biochemical and Biophysical Research Communications*. Published December 2013.

### Psychiatry

**Kelly E. Melvin**, Hourani D. "Datura stramonium toxicity mistakenly diagnosed as "bath salt" intoxication: a case report." Case report in *West Virginia Medical Journal*. Published February 2014.

### Surgery

**Lawrence M. Wyner**. "Bladder 'Geodes': An Unusual Manifestation of Cystolithiasis." *The Journal of Urology*. Published March 2014.

### Multi-disciplinary

**Larry D. Dial** (Internal Medicine), **Jiang Liu** (Pharmacology, Physiology, & Toxicology), **Joseph I. Shapiro** (Internal Medicine). "The tradeoff between natriuresis and cardiac and renal fibrosis." *Journal of Hypertension (Open Access)*. Published November 2013;5: 1-16.

Issan Y, Kornowski R, Aravot D, Shainberg A, Laniado-Schwartzman M, **Komal Sodhi** (Surgery), **Nader G. Abraham** (Internal Medicine), Hochhauser E. "Heme Oxygenase-1 Induction Improves Cardiac Function following Myocardial Ischemia by Reducing Oxidative Stress." *PLoS One*. Published March 2014;9(3):e92246.

**Tilahun W. Belay** (Internal Medicine), **Todd W. Gress** (Internal Medicine), **Rameez T. Sayyed** (Cardiology). "Cirrhic cardiomyopathy among patients with cirrhosis." *Open Journal of Gastroenterology*. Published December 2013; DOI:344-348.

**Richmond Gyanfi** (Internal Medicine), **Gerard J. Oakley, III** (Anatomy & Pathology), **Jillian L. Douglas** (Internal Medicine), **Prasanna Santhanam** (Internal Medicine). "Cavernous Hemangioma of the Adrenal Gland." *Endocrine Practice*. Published January 2014;1-6.

**Larry D. Dial** (Internal Medicine), **Jiang Liu** (Pharmacology, Physiology, & Toxicology), **Joseph I. Shapiro** (Internal Medicine). "Cardiotonic Steroids in Adaptation to Dietary Salt Intake." *Current Clinical Pharmacology*. Published November 2013.

Yan Y, Shapiro AP, Haller S, Katragadda V, Liu L, Tian J, Basrur V, Malhotra D, Xie ZJ, **Nader**

**G. Abraham** (Internal Medicine), **Joseph I. Shapiro** (Internal Medicine), **Jiang Liu** (Pharmacology, Physiology, & Toxicology). "Involvement of reactive oxygen species in a feed-forward mechanism of Na/K-ATPase-mediated signaling transduction." *The Journal of Biological Chemistry*. Published October 2013;288(47):34249-58.

Haller ST, Drummond CA, Yan Y, **Jiang Liu** (Pharmacology, Physiology, & Toxicology), Tian J, Malhotra D, **Joseph I. Shapiro** (Internal Medicine). "Passive immunization against marinobufagenin attenuates renal fibrosis and improves renal function in experimental renal disease." *American Journal of Hypertension*. Published April 2014;27(4):603-9.

**Laurie B. Matt** (Internal Medicine), **Teresa I. Limjoco** (Anatomy and Pathology), **Rajesh Sehgal** (Internal Medicine). "A Case of Small Cell Cancer of the Breast in a Male with Simultaneous Stage IV Non-Small Cell Lung Carcinoma." Case report in *Rare Tumors*. Published 2013.

## Journal Reviewers and Editors

### Anatomy & Pathology

**Maria A. Serrat** is a reviewer for *American Journal of Physiology, Renal Physiology*.

### Biochemistry & Microbiology

**Richard M. Niles** is a reviewer for *Cancer Research*.

### Orthopedic Surgery

**Franklin D. Shuler** is a reviewer for *Journal of Orthopedic Trauma and Postgraduate Medical Journal*.

## Grants Funded

### Anatomy & Pathology

**Maria A. Serrat**. "AAA Young Faculty Travel Award," American Association of Anatomists, \$500, April 2014. "Heat enhanced molecular delivery to growth plates for targeted bone lengthening," American Society for Bone and Mineral Research, \$50,000, May 2014 - October 2015. "Unilateral heat accelerates bone elongation and lengthens extremities of growing mice," MU-ADVANCE Path Forward Travel Award, \$1,000, March 2014.

**Sasha N. Zill**. "Structural Correlates of Detection of Substrate Grip/Adhesion," West

Virginia NASA Space Grant Fellowships, October 2013 - September 2014.

**Darshana Shah.** "Gold Educational Summit," \$4,000, December 2013 - February 2014. \$2,000 to establish the "Leonard Tow Award" at the institution, January 2014 - January 2015.

### Family Medicine

**Artina J. Lane, Dilip Nair.** "Pilot Project Rural Health Grant," Robert C. Byrd Center for Rural Health, \$25,000, November 2013 - October 2014.

### Orthopedic Surgery

**Franklin D. Shuler.** "Effect of Anecdotal Evidence on Teen Perception of Texting and Driving," Rural Health Research Grant, \$25,000, October 2013.

### Pharmacology, Physiology, & Toxicology

**Piyali Dasgupta.** "Anti-Metastatic Activity of Capsaicin in SCLC," American Institute of Cancer Prevention, \$150,000, January 2014 - January 2016.

**Travis B. Salisbury.** "Heat enhanced molecular delivery to growth plates for targeted bone lengthening," American Society for Bone and Mineral Research, \$50,000, May 2014 - October 2015.

## Grant Reviewers and Study Sections

### Biochemistry & Microbiology

**W. Elaine Hardman** served as a study section member for National Institute of Health (NIH) Special Emphasis Panel ZCA1 RPRB-O (M1) P, February 2014.

### Pharmacology, Physiology, & Toxicology

**Elsa I. Mangiarua** served as an exhibitor for Annual Biomedical Research Conference for Minority Students, November 2013.

**Elsa I. Mangiarua** was a reviewer for Science, Mathematics, And Research for Transformation (SMART) Scholarship for Service Program, Department of Defense, January 2014.

## Service National/International

### Biochemistry & Microbiology

**Richard M. Niles** is an ad hoc member of Department of Defense Breast Cancer Research Program Integration Panel.

### Pediatrics

**James M. Lewis** is member of the National Initiative for Children's Healthcare Quality Family (NICHQ) Family Voices ABCs of Quality Improvement Project and a member of the Three Branch Institute for Foster Care Improvement, Subgroups on Health Screening and Psychotropic Medications.

### Pharmacology, Physiology, & Toxicology

**Elsa I. Mangiarua** is the secretary-treasurer for the Association of Chairs of Departments of Physiology and an exhibitor for the Annual Biomedical Research Conference for Minority Students.

## Regional/State

### Anatomy & Pathology

**Maria A. Serrat** served as a judge for the Appalachian Regional Cell Conference 2013.

### Internal Medicine

**Uma Sundaram** is a member of the Graduate Medical Education (GME) Health Disparities Committee, West Virginia University Health Sciences center (HSC).

### Obstetrics & Gynecology

**David C. Jude** serves as vice chairman for the American College of Obstetricians and Gynecologists, West Virginia Section.

## Local

### Cardiology

**Ellen A. Thompson** is a member of the University Functions Committee for Marshall University.

### Internal Medicine

**Christine L. Gilkerson** is a medical executive for St. Mary's Medical Center.

## Meeting Presentations National/International

### Anatomy & Pathology

**Maria A. Serrat.** "Allen's Rule and the temperature-limb phenotype: Insights into processes of bone elongation." Invited lecture at Invited Speaker at Brock

University, Department of Biological Sciences Seminar Series, St. Catharines, ON, Canada, December 2013.

**Maria A. Serrat** and Williams RM. "Hindlimb heating increases vascular access of large molecules to murine tibial growth plates measured by in vivo multiphoton imaging." Oral presentation at Experimental Biology Convention, San Diego, CA, April 2014.

Tamski HL, Stanko LM, Godby J, Efav ML, Schlierf TJ, Salisbury TB, Ion G, and **Maria A. Serrat.** "Validation of a unilateral heating model to increase hindlimb length in growing mice." Oral presentation at Experimental Biology Convention, San Diego, CA, April 2014.

**Sasha N. Zill,** Chaudhry S, Büschges A, Schmitz J. "Incorporating signals of substrate adhesion/grip in force control." Poster presentation at Society for Neuroscience Meeting, San Diego, CA, November 2013.

**Sasha N. Zill.** "Visiting Professor." Presentation at DFG (German National Science Foundation), June 2014.

**Darshana Shah,** Dzwonek B. "Exploring the use of structured handouts to create an active-learning environment in pathology." Oral presentation at Group for Research in Pathology Education (GRPE) Winter Meeting, Galveston, TX, January 2014.

**Thomas H. Dougherty, Darshana Shah.** "Use of cognitive chunking to enhance pathology learning." Oral presentation at Group for Research in Pathology Education (GRPE) Winter Meeting, Galveston, TX, January 2014.

### Biochemistry & Microbiology

**W. Elaine Hardman.** "Diet, inflammation and cancer: Preclinical Evidence." Invited lecture at Korean Nutrition Society Annual Meeting, Seoul, Korea, November 2013.

### Family Medicine

**Chuck W. Clements, II.** "Bridging the Gap," "Childbirth at 20,000 feet," "Cruise Medicine," and "Legal Aspects of Wilderness Medicine." Presentations at Wilderness Medicine Elective, Townsend, TN, February 2014.

Cao J, Peterson SJ, Favero G, Rezzani R, Fabrizio RL, Schwartzman ML, Zeldin DC, **Joseph I. Shapiro, Nader G. Abraham.**

"EET Agonist Improves Cardiac Energy Metabolism and Heart Function by Regulating Fatty Acid Oxidation and Oxidative Stress in Infarcted Myocardium." Oral presentation at American Heart Association High Blood Pressure Research Meeting, New Orleans, LA, September 2013.

**Ryan A. Stone, Anne M. Silvis David C. Jude, David G. Chaffin, Jr.** "Increasing Body Mass Index Exacerbates Inflammation in Obese Gravidas." Poster presentation at American Congress of Obstetricians and Gynecologist Annual Clinical Meeting 2014, Chicago, Illinois, April 2014.

### Orthopedic Surgery

**Franklin D. Shuler.** "Anterior Cruciate Ligament (ACL) Reconstruction in Obese Patients," "Laser Targeting with C-arm Fluoroscopy: effect on image acquisition and radiation exposure," and "Where Can Orthopaedic Hardware Safely Be Placed for Syndesmosis." Oral presentations at American Academy of Orthopaedic Surgery Annual Meeting, Chicago, IL, 2013.

### Pediatrics

Wilson LG, Clarke RG, Denver J, and **Sean Loudin.** "Withdrawing into Society: Characteristics of Neonatal Abstinence Syndrome on Final Day of Admission." Poster presentation at Pediatric Academic Societies (PAS) Annual Meeting, Vancouver, BC, Canada, May 2014.

**James M. Lewis.** "ADHD and Tic Disorder: Prevalence and Response to Stimulant Medication." Presentation at Pediatric Academic Societies (PAS) Annual Meeting, Vancouver, BC, Canada, May 2014.

**Jodi M. Pitsenbarger,** Bruyere J, Viscuse P, and **Sean Loudin.** "Total postnatal opiate exposure using two different weaning methods in infants with neonatal abstinence syndrome." Poster presentation at Pediatric Academic Societies (PAS) Annual Meeting, Vancouver, BC, Canada, May 2014.

**Basel Katerji and Susan L. Fleisher.** "A Rare Case of Group A Streptococcus (GAS) Resistant for Outpatient Treatment with Oral Azithromycin and Clindamycin." Poster presentation at St. Jude Pediatric Infectious Diseases Research Conference, Memphis, TN, February 2014.

**Maria Guadalupe Lopez-Marti and Yoram Elitsur.** "Hepatitis B Immunity and Response to Vaccination in Children

with Inflammatory Bowel Disease In West Virginia." Poster presentations at North American Society for Pediatric Gastroenterology, Hepatology, and Nutrition (NASPGHAN) 2013, Chicago, IL, October 2013, and at 2013 Advances in Inflammatory Bowel Diseases: Crohn's & Colitis Foundation's Clinical and Research Conference, Hollywood, Florida, December 2013.

Brown K, **James M. Lewis, Yoram Elitsur.** "Functional Constipation and ADHD: Prevalence and Response to Stimulant Medication." Poster presentation at North American Society for Pediatric Gastroenterology, Hepatology, and Nutrition (NASPGHAN), Chicago, Illinois, October 2013.

### Pharmacology, Physiology, & Toxicology

**Nalini Santanam** and Cook C. "Omega-3 and 6 fatty acids modulate microRNA profile in microgravity cultured adipocytes." Presentation at ICE/ENDO 2014, Chicago, IL, June 2014.

Martin S, Cook C, **Nalini Santanam.** "RNA editing and miRNA dysregulation in age related adipose dysfunction." Presentation at 2013 Alliance for Healthy Aging Symposium, Groningen, Netherlands, November 2013.

**Richard D. Egleton.** "Drug abuse and the neurovascular unit (NVU)." Oral presentation at Interweaving Advances in Brain-Barriers Pharmacology with Clinical Problems: Implications for Treatment, Sunriver Resort in Sunriver, Oregon, March 2014.

### Multi-disciplinary

**Maria A. Serrat** (Anatomy & Pathology), Schlierf TJ, Efav ML, **Franklin D. Shuler** (Orthopedic Surgery), Godby J, Stanko LM, Tamski HL. "Unilateral Heat Accelerates Bone Elongation and Lengthens Extremities of Growing Mice." Presentation at Orthopaedic Research Society, New Orleans, LA, March 2014.

**Nader G. Abraham** (Internal Medicine), Seldin DC, **Komal Sodhi** (Surgery), **Anne M. Silvis** (Obstetrics & Gynecology), Favero G, Rezzani R, Fabrizio RL, Lee C, **Joseph I. Shapiro** (Internal Medicine), Schwartzman ML. "CYP2J2 Targeting to Endothelial Cells Attenuates Adiposity and Vascular Dysfunction in Mice Fed a High Fat Diet by Reprogramming Adipocyte Phenotype." Oral presentation at American Heart Association

High Blood Pressure Research Meeting, New Orleans, LA, September 2013.

**Komal Sodhi** (Surgery), Puri N, **Zeid J. Khitan** (Internal Medicine), **Larry D. Dial** (Internal Medicine), **Joseph I. Shapiro** (Internal Medicine), **Nader G. Abraham** (Internal Medicine). "PPAR- $\delta$  Binding to Heme Oxygenase 1 Promoter Prevents Angiotensin II Induced Vascular and Adipocyte Dysfunction in a Model of Renovascular Hypertension." Oral presentation at American Heart Association High Blood Pressure Research Meeting, New Orleans, LA, September 2013.

**Komal Sodhi** (Surgery), **Wade G. Douglas** (Surgery), Peterson SJ, **Larry D. Dial** (Internal Medicine), **Imran T. Khawaja** (Internal Medicine), **Joseph I. Shapiro** (Internal Medicine), **Nader G. Abraham** (Internal Medicine). "HMOX1 Ameliorates Fatty Liver and Metabolic Syndrome by Reduction of Hepatic Heme and PGC1 $\alpha$ ." Oral presentation at American Heart Association High Blood Pressure Research Meeting, New Orleans, LA, September 2013.

**Dong Hyun Kim** (Obstetrics & Gynecology), Getty MS, Stec DE, **Nader G. Abraham** (Internal Medicine). "Targeting Endothelial Cells with HO-1 Attenuated Vascular and Adipocyte Dysfunction in Mice Fed High Fat Diet." Oral presentation at American Heart Association High Blood Pressure Research Meeting, New Orleans, LA, September 2013.

**Ryan A. Stone** (Obstetrics & Gynecology), **David G. Chaffin, Jr.** (Obstetrics & Gynecology), **David C. Jude** (Obstetrics & Gynecology), **Zeid J. Khitan** (Internal Medicine), **Dong Hyun Kim** (Obstetrics & Gynecology), **Imran T. Khawaja** (Internal Medicine), **Nader G. Abraham** (Internal Medicine), **Joseph I. Shapiro** (Internal Medicine). "Body Mass Index Exacerbates the Hypertension Mediated Increase in Endothelial Cell Sloughing and Suppression of Antioxidant Heme Oxygenase-1." Oral presentation at American Heart Association High Blood Pressure Research Meeting, New Orleans, LA, September 2013.

Alrazzak B, **Basel Katerji** (Pediatrics), Alali S, Husien T, **Mary S. Payne** (Neurology), **Susan L. Fleisher** (Pediatrics). "A Rare Case of Familial Periodic Hypokalemic Paralysis in 2 Year-old Patient." Poster presentation at North American Society for Pediatric Gastroenterology, Hepatology, and

Join us for a **Research Retreat** on **July 25th** at the Marshall University Foundation Hall from 7:30 a.m. to 1:30 p.m. The goal of the retreat is to identify and promote multidisciplinary research, with a focus on research relevant to the population we serve in rural Appalachia.

Nutrition (NASPGHAN) Annual Conference, Chicago, October 2013.

**Nalini Santanam** (Pharmacology, Physiology, & Toxicology), Ray K, Cook C, **Brenda L. Mitchell** (Obstetrics and Gynecology). "MicroRNA regulation of pain associated with endometriosis." Presentation at 12th World Congress on Endometriosis, Sao Paulo, Brazil, May 2014.

Ray K, Fahrman J, Cook C, Crain C, **Brenda L. Mitchell** (Obstetrics and Gynecology), **Nalini Santanam** (Pharmacology, Physiology, & Toxicology). "Novel mechanisms of nociception in animal and cell models of endometriosis." Presentation at 12th World Congress on Endometriosis, Sao Paulo, Brazil, May 2014.

**Travis B. Salisbury** (Pharmacology, Physiology, & Toxicology), Tomblin JK, **Don A. Primerano** (Biochemistry and Microbiology), Boskovic G, Fan J, Chaudhry AR, Morris G, and **James Denvir** (Biochemistry and Microbiology). "RNA-seq analysis reveals roles for aryl hydrocarbon receptor in endogenous lipid synthesis and TNF signaling." Poster presentation at Society for Toxicology Conference 52nd Annual Meeting, Phoenix, Arizona, March 2014.

## Regional/State

### Anatomy & Pathology

Tamski HL, Stanko LM, Godby J, **Maria A. Serrat**. "Unilateral heat as a potential therapy for limb length inequalities." Poster presentation at 2nd Annual Appalachian Regional Cell Conference, Charleston, WV, October 2013.

Vance JC and **Maria A. Serrat**. "Validation of a unilateral heating model to increase extremity length in mice." Poster presentation at Undergraduate Research Day at the West Virginia Capitol, Charleston, WV, January 2014.

### Family Medicine

**Dilip Nair**. "Choosing Wisely: Responding to a National Campaign." Oral presentation at 62nd Annual Scientific Assembly of the West Virginia Academy of Family Physicians, Charleston, West Virginia, April 2014.

**Dilip Nair**. "Patient Transfers from Rural Hospitals to an Academic Medical Center: Questions Posed by the Data." Oral presentation at 21st West Virginia Rural Health Conference, Roanoke, West Virginia, October 2013.

**Chuck W. Clements, II**. "Establishing Hemostasis in Wilderness Environment." Oral presentation at Southeastern US Wilderness Medicine Conference, Huntington, WV, March 2014.

### Information Technology

**Michael McCarthy**, M.A. "Perspectives on IT Security in Health Care." Oral presentation at Appalachian Institute for Digital Evidence, Huntington, WV, April 2014.

### Internal Medicine

**Uma Sundaram**. "Clinical Translational Research." Invited lecture at West Virginia School of Osteopathic Medicine Mid-Winter Conference, 2013.

**Uma Sundaram**. "IDeA CTR for the State." Invited lecture at Department of Health and Human Services, State of West Virginia, 2013.

**Uma Sundaram**. "WVCTSI -- What it means for you." Invited lecture at West Virginia University Health Science Center Townhall, 2013.

**Guillermo Madero Garza**. "Presentation: "Urinary Incontinence." Oral presentation at AGES: Advanced Geriatrics Skills, Bridgeport, WV, April 2014.

**Kimberly Ann Lucas-Day**, DeChant R, Wall B, Garland H, Yaqub A, **Lynne J. Goebel**.

"Is the treatment response for vitamin D deficiency reduced in the very obese?" Oral presentation at WV American College of Physicians (ACP) meeting, Roanoke, WV, September 2013.

Yousef G, **Lynne J. Goebel**, **Maurice A. Mufson**. "Physician barriers to vaccination with the pneumococcal vaccine." Poster presentation at WV American College of Physicians (ACP) meeting, Roanoke, WV, September 2013.

DeChant R, **Lynne J. Goebel**, **Maurice A. Mufson**. "Should physicians treat their relatives or themselves?" Poster presentation at WV American College of Physicians (ACP) meeting, Roanoke, WV, September 2013.

**Mahshid Mohseni**, Hosseinzadeh P, **Miaozong Wu**, Yaqub A, **John W. Leidy, Jr.**, **Omolola Lola Olajide**, **Henry K. Driscoll**. "Fragility Fracture: The Interplay between Age and Obesity." Oral presentation at American College of Physicians West Virginia Chapter Scientific Meeting, Roanoke, WV, October 2013.

**Shirley M. Neitch**. "Enhancing Care of Patients with Alzheimer's Disease and Multiple Chronic Conditions." Invited lectures at WV Academy of Family Physicians, Charleston, WV, April 2014, and Georgia Academy of Family Physicians Annual Meeting, Atlanta, Georgia, November 2013.

**Neha Goyal**, **Omolara A. Olajide**, **Rezwana Ahmed**, **Yaser M. Rayyan**. "A Pseudoaneurysm of the Gastroduodenal Artery Secondary to Prior Intervention; A Rare Cause of Gastrointestinal Bleeding." Oral presentation at American College of Physicians, West Virginia Chapter Scientific Meeting, Roanoke, WV, October 2013.

DeChant R, **Lynne J. Goebel**, **Maurice A. Mufson**. "Should physicians treat their relatives or themselves?" Oral presentation at Southern Society for Clinical Investigation, New Orleans, LA, February 2014.

### Pediatrics

**James M. Lewis**. "The WV Initiative for Foster Care Improvement." Invited lecture at WV Chapter of the American Academy of Pediatrics, Roanoke, WV, May 2014.

continued on page 15

**Sean Loudin.** "Preventing Premature Births and Birth Defects." Invited lecture at Family Medicine Foundation of West Virginia, 27th Annual, Jose I. Ricard, MD Family Medicine and Sports Medicine Conference, Huntington, WV, November 2013.

### Pharmacology, Physiology, & Toxicology

Racine CR, Ferguson TL, Preston DL, Anestis DK, **Gary O. Rankin.** "Role of renal biotransformation in 1,2,3-trichloro-4-nitrobenzene induced nephrotoxicity in vitro." Poster presentation at Ohio Valley Society of Toxicology, Louisville, KY, September 2013.

**Nalini Santanam.** "Perivascular fat relation to hypertension and cardiovascular disease." Oral presentation at 2013 Southeast Regional IDEA Conference, Little Rock, AK, November 2013.

### Surgery

**Lawrence M. Wyner.** "All Out: The Inglorious End of 'Buckyballs.'" Poster presentation at Southern Medical Associate's Annual Scientific Assembly, Destin, FL, October 2013.

### Local

#### Neuroscience

**Sona K. Shah.** "Seizures and Migraine; Medical Diagnosis and Management."

Invited lecture at School of Physical Therapy, Marshall University, November 2013.

### Psychiatry

**Mossimo Bardi.** "A New Perspective on Coping Mechanisms." Oral presentation at Randolph-Macon College Honor Seminars, Virginia, 2013.

## Milestones and Achievements

First year medical student **Divya Vangala** has been awarded a summer research position at the Joslin Diabetes Center in Boston, MA, through the 2014 NIDDK Medical Student Summer Research Program in Diabetes.

### Family Medicine

**Kathleen O'Hanlon** received her certification and completed the live and online training course, "Primary Skin Cancer Medicine," through the University of Queensland.

### Internal Medicine

**Hala M. Alshayeb** received the Junior Faculty Research Travel Award Marshall Staff for the Southern Region American Federation for Medical Research (SAFMR)/SSCI.

### Pediatrics

**Yoram Elitsur** was awarded the Senior

Award in Science and Technology for Marshall University.

### Orthopedic Surgery

**Fraklin Shuler** was selected as a Castle Connolly Top Doctor in the field of Orthopedic Surgery.

### Surgery

**Lawrence M. Wyner** won the "Attendee Choice Award" for the poster presentation titled, "All Out: The Inglorious End of 'Buckyballs'" at the Southern Medical Association's Annual Scientific Assembly, October 2013.

## News Watch

### Orthopedic Surgery

**Franklin D. Shuler** had a TV appearance on *Mom's Everyday*, WSAZ, discussing hip fractures, February 2014.

**Franklin D. Shuler's** research "Antibiotic-like Actions of Vitamin D" was highlighted online at <http://www.dugdug.com/dr-franklin-shuler-discusses-vitamin-D>, October 2013.

## Advancing Scholarly Productivity in Research and Education (ASPIRE)

The Office of Faculty Affairs and Professional Development is launching a new initiative to promote and enhance scholarly productivity among JCESOM faculty, residents, and students!

ASPIRE is an active writing program designed to support academic publication through personal, in-depth assistance. Participants work on the publication of their choice, such as case-reports, review articles, journal

manuscripts, chapters, and clinical reports and learn writing strategies and techniques to improve their writing. Program facilitators and peer mentors work together to ensure that writers receive the feedback and encouragement necessary to prepare manuscripts for submission. If you are interested in participating in ASPIRE, please contact Dr. Darshana Shah at [shah@marshall.edu](mailto:shah@marshall.edu).

## Pursuing Scholarship through Your Clinical Work

**Presented by:** Linda M. Roth, Ph.D., director of professional development at the Wayne State University School of Medicine.

**When:** July 22nd from 8 a.m. to 9 a.m.

**Where:** Harless Auditorium

# SAVE THE DATE

Marshall University Joan C. Edwards School of Medicine

# Rural Health Research Day

October 31, 2014

8:00 am – 4:00 pm

Harless Auditorium

sponsored by the Robert C. Byrd Center for Rural Health and the  
Appalachian Clinical and Translational Research Institute at Marshall University

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