

# PEN

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

KEEPING YOU CONNECTED

## JCESOM addresses regional and nationwide obesity epidemic

Joan C. Edwards School of Medicine (JCESOM) hosted its inaugural childhood obesity conference on Oct. 2nd. According to JCESOM Dean Dr. Joseph Shapiro, the goal of the conference was to explore the synergy between research and community programs already in place, as well as to establish the framework for an obesity prevention institute at the school. "Statistics show that our state leads the nation in the number of children who are obese. These numbers are staggering and we must develop collaborative partnerships to tackle what is truly an epidemic in West Virginia."

The day-long conference featured a presentation given by Jeffrey M. Friedman, M.D., Ph.D., titled "Discovery of Leptin Gene and the Biologic Basis of Obesity." Dr. Friedman, who discovered the obesity gene leptin, is a professor at The Rockefeller University and an



Dr. Jeffrey M. Friedman

investigator with the Howards Hughes Medical University.

Presentations were also given by speakers from the University of Connecticut Health Center, the West Virginia School of Medicine, Cabell Huntington Hospital, and the West Virginia Department of Health and Human Resources.

*continued on page 3*

## In this Issue

- P. 2 From the Dean's Desk
- P. 3 JCESOM obesity conference speakers and participants
- P. 4 JCESOM hosts travelling art exhibit
- P. 4 "Aenigma Medicorum," showcases literary and artistic talents of JCESOM students and staff
- P. 4 NAMI Chapter established at JCESOM
- P. 5 Congratulations!
- P. 5 Undergraduates gain medical experience through JCESOM's NICU Summer Clerkship
- P. 6 Welcome New Faculty
- P. 8 Seven students inaugurated into national honor medical society
- P. 9 Awards and Honors
- P. 15 JCESOM welcomes 25 students for Project P.R.E.M.E.D.

## Reaching New Heights

*Every member of our JCESOM community is heading down the same track to an agreed-upon destination: we are moving forward, reaching new heights, and making JCESOM an even better medical school. This issue of PEN covers how the JCESOM community is addressing the challenges facing our region and celebrates the success of our faculty, students, residents, and staff. That success belongs to you; it is the direct result of your dedication and diligence. Thank you for your hard work and commitment. We can look forward to reaching new heights as a team dedicated to scholarship, education, and service.*

Darshana Shah

***"There are no secrets to success. It is the result of preparation, hard work, and learning from failure."***  
-Colin Powell

## From the Dean's Desk



Dear colleagues,

Fall begins with the accomplishment of a major milestone for JCESOM. Thanks to the hard work of the faculty, students, residents, and staff, our school is no longer on probation. You worked hard to create a culture of innovation and creativity in response to the LCME's review. Your input and ideas helped shape an excellent model for medical education, and I am greatly appreciative of everyone's efforts.

Everyone at JCESOM deserves a pat on the back for their incredible efforts, and I am encouraged that our future is bright. With our accreditation status now solid, we can move forward. We now look to the future and strive, not only to sustain the great things we have done, but to further hone the medical program at JCESOM. In the words of University President Stephen J. Kopp, "Accreditation compliance work is ongoing and an incumbent responsibility of all concerned." Our success is a result of the creativity and talents of our entire academic community, and, again, I thank all of you.

We have pushed out of our comfort zone, and we must keep our momentum. I believe we are undergoing a cultural transformation, making JCESOM a more research-active, scholarly, and student-centered school. I reiterate my promise to keep our core mission, the training of excellent physicians who practice in West Virginia, central to our culture here at JCESOM.

Keep up the good work.

My best wishes to all during this holiday season,

A handwritten signature in black ink, reading "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!***



# JCESOM Obesity Conference Speakers & Participants



Shown here are speakers and participants in the conference, from left to right and top to bottom: Marshall President **Stephen J. Kopp, Ph.D.**, and **Dr. Joseph Shapiro** present **Dr. Jeffrey Friedman** with an honorary Marshall degree; **Nader G. Abraham, Ph.D., Dr. H.C.**, vice dean for research at JCESOM; **William Neal, M.D.**, pediatric cardiologist and professor of pediatrics at West Virginia University's School of Medicine; **Kevin Yingling, R.Ph., M.D.**, inaugural dean of Marshall University School of Pharmacy; **Karen Bowling**, cabinet secretary for the West Virginia Department of Health and Human Resources; **West Virginia Senator Robert Plymale**; **West Virginia Senator Evan Jenkins**; **West Virginia Senator Ron Stollings**, who graduated from JCESOM in 1982; **Don Perdue, R.Ph.**, West Virginia House of Delegates; **Tim Hazelett**, administrator for Cabell-Huntington Health Department; **Hoyt Burdick, M.D.**, vice president of medical affairs for Cabell Huntington Hospital; and **Judge Dan O'Hanlon**, director of the West Virginia Network (WVNET) and retired Cabell County Circuit Judge. The conference was a direct opportunity for students, faculty, staff, and community members to learn about and discuss the obesity epidemic in West Virginia and the nation.



# JCESOM hosts travelling art exhibit

## "Aenigma Medicorum," showcases literary and artistic talents of JCESOM students and staff



JCESOM is hosting the travelling art exhibit "Opening Doors: Contemporary African American Academic Surgeons." The exhibit tells the stories of four pioneering African American surgeons and educators who exemplified excellence in their fields and believed in the importance of mentoring younger physicians and surgeons.

Shelvy L. Campbell, Ph.D., assistant dean for diversity, discusses the impact of the exhibit at JCESOM:

*We are so excited to be able to offer this free exhibit to our community. Through contemporary and historical images, the exhibition takes visitors on a journey through the lives and achievements of these academic surgeons and provides a glimpse into the stories of those that came before them and those that continue the tradition today.*

*When I first viewed this exhibit it reminded me of a quote by Maya Angelou, "No man can know where he is going unless he knows exactly where he has been and exactly how he arrived at his present place."*

*This exhibit contains a tremendous amount of information and is a great informal learning experience that captures the interest of anyone viewing it! "Opening Doors" is not intended to be an encyclopedic look at African American academic surgeons, but is intended to provide only a glimpse into the contributions that African American academic surgeons have made to medicine and medical education. I hope that through this exhibition we can bring these stories to light and inspire others to pursue careers in academic surgery.*

"Aenigma Medicorum," a literary and art review published by medical students at JCESOM, features poetry, photography, musical selections, and short essays about life as seen through the eyes of medical students and physicians. The book's executive editor, Matthew Q. Christiansen, M.D., a 2013 graduate of JCESOM and first-year resident in the department of family medicine, says the publication is an attempt to strengthen the medical school community by reaffirming commitment to the human experience and clinical excellence. The inaugural edition may be viewed digitally at <http://musom.marshall.edu/students/AenigmaMedicorum/>. Submissions may be emailed to [aenigmamedicorum@gmail.com](mailto:aenigmamedicorum@gmail.com).

## SAVE THESE DATES!

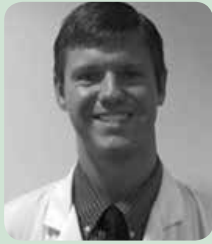
JCESOM's Academy of Medical Educators will present the Academy Symposium and Member Induction Ceremony on **December 10, 2013.**

On **January 15, 2014**, Women in Medicine and Science will hold their second annual leadership forum. The theme of the event is 'inspire, engage, learn, and lead.'

## NAMI Chapter established at JCESOM

JCESOM is now home to West Virginia's first collegiate chapter of the National Alliance on Mental Illness (NAMI). According to third-year medical student Kelly Ann Groves, "NAMI's big goal is to eliminate the stigma of mental illness and to make it evident that no one is alone in their illness and we are proud to help make a difference." Thanks to the focused efforts of a core group of students and staff, new NAMI programs and opportunities are being implemented on both the medical school and undergraduate campuses.

# Congratulations!



**Christopher Adams, M.D.**, a fellow with the department of cardiology, received the James Willerson Clinical Award

Competition for Residents and Fellows from the International Academy of Cardiovascular Sciences (IACS). The award was established to promote, encourage, and recognize young talents in cardiovascular science, medicine and surgery. Dr. Adams was recognized for his research, "Perivascular Fat Relation to Hypertension: WV-Appalachian Heart Study."



**Kimberly R. Becher, M.D.**, a family medicine resident in the department of family and community health, was recently

elected to serve as the National Congress of Family Medicine Residents

representative to the American Academy of Family Physicians (AAFP).



**Thomas H. Dougherty, M.D.**, an associate professor of pathology, has been elected as chair of the regional volunteer advisory board for the

American Red Cross Greater Alleghenies Blood Services Region.



**Paulette Wehner, M.D., FAHA**, senior associate dean for graduate medical education and a professor in the department of cardiovascular service, was

named a fellow of the American Heart Association at its September meeting in New Orleans. The fellowship distinction was granted for Dr. Wehner's scientific and professional accomplishments and her volunteer leadership and service.



**Darshana Shah, Ph.D.**, associate dean of faculty affairs and professional development, was elected to the Group on Faculty Affairs (GFA)

Steering Committee for the American Association of Medical Colleges (AAMC). The mission of the GFA is to build and sustain faculty vitality in medical schools and teaching hospitals. Dr. Shah is the first faculty member from Marshall University to be elected to an AAMC steering committee. She is also appointed as chair of the GFA professional development and conference program subcommittees.



**Paul B. Ferguson, M.D.**, assistant professor of neuroscience, has been inducted to Alpha Omega Alpha (AOA) national honor society.

## Undergraduates gain medical experience through JCESOM's NICU Summer Clerkship

Dr. Joseph Werthammer and Dr. Joseph Shapiro speak to students Zenobia Ofori-Dankwa, Nyema Woart, and Alissa Harrell (pictured left to right) participating in the Neonatal Intensive Care Unit Summer Clerkship. As it often requires years of coursework and schooling before prospective doctors become practicing physicians, the clerkship highlights the relationship between a students' current coursework and their end goal of becoming practicing doctors. The four-week program provides interested undergraduate students with face-time and hands-on experience in the medical field.



# Welcome

## Welcome New Faculty Members



**Audra Ramsey, D.O.**, has joined the **Department of Family and Community Health** as an assistant professor. Dr. Ramsey completed one year of an obstetrics and gynecology residency and three years of a family and community health residency at Marshall University's JCESOM.



**C. Stephen Woolums, M.D.**, has joined the **Department of Surgery** as an associate professor. Dr. Woolums has served as an urologist at Cumberland Valley Urology in Corbin, KY. He completed his medical degree and urology residency at University of Kentucky's College of Medicine in Lexington, KY.

**Claire M. Belgrave, M.D., D.M.**, has joined the **Department of Psychiatry and Behavioral Medicine** as an assistant professor. Dr. Belgrave earned her bachelor of medicine/ bachelor of surgery and her master in public health at the University of the West Indies in Mona, Jamaica. She completed her doctor of medicine in psychiatry at the University of West Indies in St. Augustine, Trinidad. Her residency in psychiatry and fellowship in child and adolescent psychiatry were completed at the State University of New York in New York, NY.



**Glennis E. Peters, a Licensed Professional Counselor (MA-LPC)**, has joined the **Department of Psychiatry and Behavioral Medicine** as an instructor. Mr. Peters has worked as a therapist specializing in family and maternal addiction therapy at University Physicians and Surgeons, Inc. in Huntington, WV. He earned his B.S. teaching

degree in physical education and health from the West Virginia Institute of Technology in Montgomery, WV, and his M.A. in counseling from Marshall University.



**Jennifer "Nikki" Ward, D.O.**, has joined the **Department of Family and Community Health** as an assistant professor. Dr. Ward earned her medical degree at the West Virginia School of Osteopathic Medicine in Lewisburg, WV. She completed her residency in family and community health at Marshall University.

**James B. Doub, M.D.**, has joined the **Department of Internal Medicine** as an assistant professor. Dr. Doub completed his medical degree and internal medicine residency at JCESOM.



**Jeffrey T. Boggess, Ph.D.**, has joined the **Department of Psychiatry and Behavioral Medicine** as an assistant professor. Dr. Boggess has worked as a consulting/clinical psychologist in Hurricane, WV; as a medical consultant for the WV Department of Rehabilitation Services in Charleston, WV; and as the

director of the Prestera Center/Marshall University Clinical Internship Consortium in Huntington, WV. He earned his B.A., M.A., and Ph.D. in clinical psychology at West Virginia University in Morgantown, WV. He completed his residency at the University of Mississippi Medical Center in Jackson, MS.



**Jeffrey K. Harris, M.D.**, has joined the **Department of Pediatrics** as an assistant professor. Dr. Harris has worked in pediatrics for the Medical University of South Carolina. He earned his medical degree at JCESOM. He completed his pediatric residency at the University of Virginia in Charlottesville, VA, and his

pediatric cardiology fellowship at the Medical University of South Carolina in Charleston, SC.



**Jennie Lee Yoost, M.D.**, has joined the **Department of Obstetrics and Gynecology** as an assistant professor. Dr. Yoost has worked at the Kosair Children's Hospital as a gynecology specialist, and completed her M.S. in clinical investigational sciences at the University of Louisville's School of Public Health in

Louisville, KY. She earned her medical degree at University of Louisville's School of Medicine, completed her residency in obstetrics and gynecology at the Medical University of South Carolina in Charleston, SC, and finished her fellowship in pediatric and adolescent gynecology at the University of Louisville and Kosair Children's Hospital in Louisville, KY.

*continued on page 7*





**Leonard White, M.D.**, has joined the **Department of Internal Medicine** as an assistant professor. Dr. White has worked in internal medicine as a hospitalist and primary care physician with Spectrum Health Medical Group in Grand Rapids, MI, and Detroit Community Health Connection in Detroit, MI. He completed his medical degree and internal medicine residency at the University of Toledo Medical Center in Toledo, OH.

**Marc R. Spencer, Ph.D.**, has joined the **Department of Anatomy and Pathology** as an instructor. Dr. Spencer has served as an adjunct faculty instructor at Kirkwood Community College in Cedar Rapids, IA. He earned his B.S., M.S., and Ph.D. in geological sciences at the State University of New York in Binghamton, NY; at Bowling Green State University in Bowling, OH; and at the University of Iowa in Des Moines, IA, respectively. His research interests include phylogenetic systematics and functional morphology of vertebrates, especially dinosaurs; dinosaurian origins and Mesozoic paleobiogeography; methods for phylogeny estimation, character evolution, and biogeographic reconstruction.



**Martha A. Fernandez, Psy.D.**, has joined the **Department of Psychiatry and Behavioral Medicine** as an instructor. Dr. Fernandez has worked as an assistant professor at the West Virginia School of Medicine in Morgantown, WV. She attained her B.A. in psychology at the University of Central Florida in Orlando, FL; she received her M.S. and Psy.D. in psychology from the Florida Institute of Technology in Melbourne, FL. She completed her internship at the Clayton Center, Behavioral Health Services, in St. Louis, MO.



**Neha Garg, M.D.**, has joined the **Department of Internal Medicine** as an assistant professor. Dr. Garg has worked as a nephrology and hypertension fellow at the Cleveland Clinic Foundation in Cleveland, OH. She earned her M.B.B.S. at B.J. Medical College in Pune, India, and received her master in public health at the University of Alabama, Birmingham, AL, with a focus on clinical research design and epidemiology. She completed her internship and internal medicine residency at Wayne State University and the Detroit Medical Center in Detroit, MI.

**Prasanna Santhanam, M.D.**, has joined the **Department of Internal Medicine** as an assistant professor. Dr. Santhanam received his M.B.S.S at B.J. Medical College in Ahmedabad,



Gujarat, India, and his internal medicine degree from the N.H.L. Municipal Medical College in Gujarat, India. He attained his master in public health from the Mailman School of Public Health at Columbia University in New York, NY. He completed a residency in medicine and therapeutics at Sheth VS Hospital at Gujarat University, in Ahmedabad. He completed an internal medicine internship and a fellowship in endocrinology, diabetes, and metabolism at JCESOM.



**Randy S. Kinnard, M.D.**, has joined the **Department of Internal Medicine** as an assistant professor. Dr. Kinnard has worked as a hospitalist for the Holzer Health System in Gallipolis, OH. He completed his medical degree and internal medicine residency at JCESOM.



**Robert A. Marsh, M.D., Ph.D.**, has joined the **Department of Neuroscience** as an assistant professor. Dr. Marsh has served at the San Antonio Military Medical Center in San Antonio, TX. He received his medical degree at the University of Toledo's College of Medicine in Toledo, OH. He completed his residency in neurosurgery at Wake Forest Baptist Health in Winston-Salem, NC, with a focus on complex spine, open vascular surgery, skull-base, neurosurgical oncology, and stereotaxic radiosurgery. He completed his Ph.D. in biomedical sciences with an emphasis on neuroscience at Kent State University in Kent, OH, in conjunction with Northeastern Ohio Universities College of Medicine in Rootstown, OH.

**Robin Arora, M.D.**, has joined the **Department of Internal Medicine** as an assistant professor. Dr. Arora has worked for Kumar Nephrology and Hypertension, Inc. in Huntington, WV. He received his M.B.S.S. from Maulana Azad Medical College in India, and completed his master in health, policy, and management at the University at Albany, State University of New York. He completed his internal medicine residency at the James J. Peters Veterans Affairs Medical Center in New York, NY, and his nephrology fellowship at Tulane University in New Orleans, LA. He recently earned his M.B.A in healthcare administration at George Washington University in Washington, D.C.

**Samrinda Hanif, M.D.**, has joined the **Department of Neuroscience** as an assistant professor. Dr. Hanif has served as an associate clinical professor at the Pikeville College

*continued on page 8*



of Osteopathic Medicine in Pikeville, KY. She received her M.B.S.S. from Dow Medical University in Karachi, Pakistan, and completed her internship at Aga Khan University in Karachi. Her postgraduate training included working as an associate research scientist at New York University in New York, NY; completing an internal medicine internship at the New York Medical College Metropolitan Hospital; completing a neurology residency at St. Vincent's Catholic Center in Manhattan, NY; and completing an epilepsy/clinical neurophysiology fellowship at Vanderbilt University in Nashville, TN.

**Shah M. Nadeen, M.D.**, has joined the **Department of Psychiatry and Behavioral Medicine** as an assistant professor. Dr. Nadeen has served as the acting chief of psychiatry and as a general/addiction psychiatrist at the Huntington Veterans Affairs Medical Center. He completed his general psychiatry residency at Metropolitan Hospital Center in New York, NY, and his fellowship in addiction psychiatry at the North Shore University Hospital Center in Manhasset, NY. He specializes in treating posttraumatic stress disorder (PTSD) and substance abuse.



**Stacy Sheppard, a Board-Certified Psychiatric Mental Health Nurse Practitioner (PMHNP-BC)**, has joined the **Department of Psychiatry and Behavioral Medicine** as an instructor. Ms. Sheppard has worked for Vanderbilt Medical Center as a PMHNP. She completed her B.A. in psychology at Marshall University in Huntington, WV, and her associate degree in nursing at St. Mary's School in Huntington, WV. She received both her B.S. and M.S. in nursing from Vanderbilt University in Nashville, TN.



**Terrence D. Julien, M.D.**, has joined the **Department of Neuroscience** as an associate professor. Dr. Julien has served as an assistant professor at West Virginia University's School of Medicine in Morgantown, WV. He received his medical degree from Howard University's College of Medicine in Washington, D.C. He completed his general surgery, neurosurgery, and neurosurgical oncology residencies and fellowships at the Medical Center of Delaware in Wilmington, DE; at the New York University Medical Center in New York, NY; at the State University of New York Health Science Center in Syracuse, NY; at the Weill Medical School of Cornell University in New York, NY; and at the Lee Moffitt Cancer Center in Tampa, FL.



**Todd H. Davies, Ph.D.**, has joined the **Department of Internal Medicine** as a research assistant professor. Dr. Davies has served as the chief executive officer for ADS Biotechnologies in Toledo, OH. He received his B.S. in biology from Wesley College in Dover, DE, and his Ph.D. in medical science from the University of Toledo Health Science

Campus.

**Woodrow H. Berry, J.D., L.L.M.**, has joined the **Department of Pediatrics** as an associate professor. Dr. Berry has worked as an independent marketing consultant and has served as an Associate Professor of Accountancy and Legal Studies at Marshall University. Dr. Berry completed his B.S. in communications at Ohio University in Athens, OH. He earned his juris doctorate at Howard University School of Law in Washington D.C., and his master of laws in taxation at Capital University in Columbus, OH.

## Seven students inaugurated into national honor medical society

Seven fourth-year students from JCESOM have been selected to the Alpha Omega Alpha (AOA) Honor Medical Society. AOA is a professional medical organization that recognizes and advocates for excellence in scholarship and the highest ideals in the profession of medicine.



Stephen Cole



Jill Goodwin



Becca Hayes



Corey Keeton



Amanda Schmitt



Lacey Vance

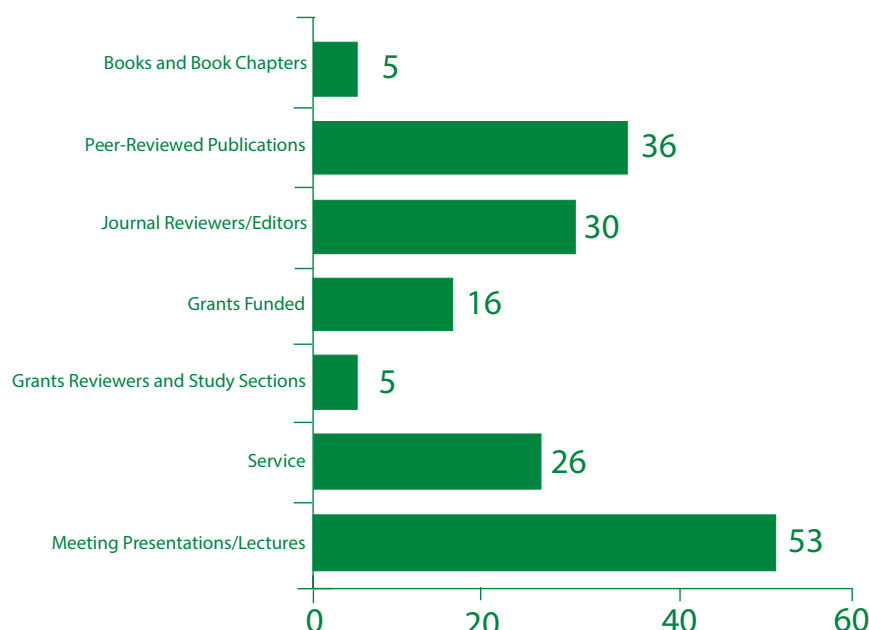


Doug von Allmen



# AWARDS, HONORS & SERVICE

## JCESOM's scholarly activity reaching new heights May 2013- October 2013



### Books and Book Chapters

#### Biochemistry & Microbiology

Vincent E. Sollars, X. Lu, L. Wang, M. Garfinkel, D.M. Ruden. "Hsp90 as a Capacitor of Both Genetic and Epigenetic Changes in the Genome During Cancer Progression and Evolution." *Stress-Induced Mutagenesis*. Published 2013.

Emine Koc, H. Koc. "Mechanism and regulation of protein synthesis in mammalian mitochondria." Chapter in *Translation in Mitochondria and Other Organelles*. Edited by Anne-Marie Duchene, Springer-Verlag GmbH, Heidelberg. Published 2013.

#### Med/Peds

Aaron M. McGuffin. *Common Illness*. Published 2013.

#### Family Medicine

Adam M. Franks, J.I. Shapiro (Internal Medicine). "Simple acid-base disorders: Metabolic acidosis." *Nephrology in 30 days*, 2nd edition. Published October 2013.

#### OB GYN

Jennie Yoost, S.P. Hertweck. "Vulvar

Abscesses." *Practical Pediatric and Adolescent Gynecology*. Published April 2013.

### Peer-Reviewed Publications

#### Anatomy & Pathology

Maria A. Serrat. "Allen's Rule Revisited: Temperature Influences Bone Elongation During a Critical Period of Postnatal Development." *Anatomical Record*. Published 19 August 2013.

Krista L. Denning, Yoram Elitsur (Pediatrics), A. Al-Subu. "Immunoreactivity of p53 and Ki-67 for Dysplastic Changes in Children with Eosinophilic Esophagitis." *Pediatric and Developmental Pathology*. Published 29 May 2013.

#### Biochemistry & Microbiology

James Denvir, B. Cieply, J. Farris, J. Denvir, H. Ford, S.M. Frisch. "A reciprocal feedback loop between Grainyhead-like-2 and ZEB1 controls EMT and tumor suppression." *Cancer Research*. Published 13 August 2013.

W. Elaine Hardman, R.J. Reiter, D.X. Tan, L.C. Manchester, A. Korkmaz, L.

Fuentes-Broto, S.A Rosales-Corral, W. Qi. "A Walnut-Enriched Diet Reduces the Growth of LNCaP Human Prostate Cancer Xenografts in Nude Mice." *Cancer Investigation*. Published 11 June 2013.

Richard M. Niles, J.S. Pulido, T.J. Flotte, H. Raja, S. Miles, J.L Winters, E.A. Jaben, S.N. Markovic, J. Davies, K.R. Kalli, R.G. Vile, J.J. Garcia, D.R. Salomao. "Dermal and conjunctival melanocytic proliferations in diffuse uveal melanocytic proliferation." *Eye* (London, England). Published 21 June 2013.

Hongwei Yu, W. Liu, S.L. Dong, F. Xu, X.Q. Wang, T.R. Withers, X. Wang. "Effect of intracellular expression of antimicrobial peptide LL-37 on the growth of Escherichia coli strain TOP10 under aerobic and anaerobic conditions." *Antimicrobial Agents and Chemotherapy*. Published 15 July 2013.

Hongwei Yu, Y. Yin, T.R. Withers, X. Wang. "Evidence for Sigma Factor Competition in the Regulation of Alginate Production by Pseudomonas aeruginosa." *PloS One*. Published August 2013; 8(8):e72329.

Emine C. Koc, H. Cimen, B. Kumcuoglu, N. Abu, G. Akpinar, M.E. Haque, L.L. Spremulli, and H. Koc. "Identification and characterization of CHCHD1, AURKAIP1, and CRIF1 as new members of the mammalian mitochondrial ribosome." *Frontiers in Physiology*. Published July 2013; volume 4:183.

Pier Paulo Claudio, James Denvir, R. Nande, A. Greco, M.S. Gossman, J.P. Lopez, L. Claudio, M. Salvatore, A. Brunetti, C.M. Howard. "Microbubble-assisted p53, RB, and p130 gene transfer in combination with radiation therapy in prostate cancer." *Current Gene Therapy*. Published 1 June 2013; 13(3):163-74.

Pier Paulo Claudio, F. De Carlo, T.R. Witte, W.E. Hardman. "Omega-3 Eicosapentaenoic Acid Decreases CD133 Colon Cancer Stem-Like Cell Marker Expression While Increasing Sensitivity to Chemotherapy." *PLoS One*. Published 16 July 2013;8(7):e69760.

*continued on page 10*

James Denvir, B.N. Snyder-Talkington, J. Dymacek, D.W. Porter, M.G. Wolfarth, R.R. Mercer, M. Pacurari, V. Castranova, Y. Qian, N.L. Guo. "System-based identification of toxicity pathways associated with multi-walled carbon nanotube-induced pathological responses." *Toxicology and Applied Pharmacology*. Published 8 July 2013.

### Family Medicine

Dilip Nair, M.M. Gibbs. "Inter-Hospital Transfers from Rural Hospitals to an Academic Medical Center." *West Virginia Medical Journal*. Published July 2013; 109(4):44-49.

Stephen M. Petrany. "Meaningful Scut Work." *Family Medicine*. Published September 2013; 45(8):580-1.

Dilip Nair. "Traveler's Diarrhea: Prevention, treatment, and post-trip evaluation." *Journal of Family Practice*. Published July 2013; 62(7):356-61.

Dilip Nair. "What does it really take to evaluate complementary and alternative medicine therapies?" *Medical Science Educator*. Published August 2013; 23(3):391-3.

### Internal Medicine

Christine I. Oakley, M.J. Horwitz, M. Augustine, L. Kahn, E. Martin, C.C. Oakley, R.M. Carneiro, M.B. Tedesco, A. Laslavic, S.M. Sereika, A. Bisello, A. Garcia-Ocaña, C.M. Gundberg, J.A. Cauley, A.F. Stewart. "A comparison of parathyroid hormone-related protein (1-36) and parathyroid hormone (1-34) on markers of bone turnover and bone density in postmenopausal women: the ProP study." *Journal of Bone and Mineral Research*. Published 9 May 2013; doi: 10.1002/jbmr.1978. [Epub ahead of print].

Tilahun W. Belay, Ahmed R. Nusair. "Apparent lisinopril overdose requiring hemodialysis." *American Journal of Health-System Pharmacy*. Published 15 July 2013; 70(14):1226-9.

### OB GYN

Jennie Yoost, N. Sokkary, R. Mansouri, M. Focseneanu, T. Dumont, M. Nathwani, L. Allen, S.P. Hertweck, J.E. Dietrich. "A multicenter survey of contraceptive knowledge among adolescents in North America." *Journal*

*of Pediatric and Adolescent Gynecology*. Published October 2013; 26(5):274-6.

Jennie Yoost, L. Shafer, S. Petruska, A.S. Lajoie, S.P. Hertweck. "A Retrospective Review of the Application of the Patient Health Questionnaire-9 in Routine Screening for Depression Among Adolescents." *Journal of Pediatric and Adolescent Gynecology*. Published April 2013; 26(2):71.

### Oncologic Services

Uma Sundaram, M. Palanikumar, S. Coon, S. Sundaram, R. Kekuda. "Prostaglandins, not the leukotrienes, regulate Cl<sup>-</sup>/HCO<sub>3</sub><sup>-</sup> exchange (DRA, SLC26A3) in villus cells in the chronically inflamed rabbit ileum." *Biophysica et Biochemica Acta*. Published 2013; 1828(2):179-86.

### Ophthalmology

Michael A. Krasnow, Russell K. Fry, II, D.R. Richardson. "Cost-Savings Analysis of Telemedicine Use for Ophthalmic Screening in a Rural Appalachian Health Clinic." *WV Medical Journal*. Published July 2013.

### Orthopedic Surgery

Franklin D. Shuler, Ali Oliashirazi, D. Lycans, T. Gill. "Physical education in West Virginia schools: are we doing enough to generate peak bone mass and promote skeletal health?" *The West Virginia Medical Journal*. Published July 2013; 109(4):66-70.

Franklin D. Shuler, B.G. Lindeque, F.D. Shuler, C.M. Bates. "Skin temperatures generated following plaster splint application." *Orthopedics*. Published May 2013; 36(5):364-7.

### Pediatrics

Yoram Elitsur. "Colon preparation for children - The quest for the ideal protocol." *Journal of Pediatric Gastroenterology and Nutrition*. Published August 2013; 57(2):e14.

Yoram Elitsur. "Current and emerging treatment options for pediatric eosinophilic esophagitis." *Pediatric Health, Medicine and Therapeutics*. Published 2 September 2013; 2013(4):101-07.

Yoram Elitsur, B. Alabd-Alrazzak, A. Awni Al-Subu. "Etiology and Management

of Esophageal impaction in children: A review of 11 years." *Avicenna J Med*. Published April 2013; 3(2):33-6.

Yoram Elitsur. "Hp-negative gastritis: The pediatric perspective." *American Journal of Gastroenterology*. Published 2013; 7:1182-3.

### Pharmacology, Physiology, & Toxicology

Richard D. Egleton, J.D. Weinstein, E.R. Gonzalez, D.A. Hunt. "A paradigm shift for evaluating pharmacotherapy for Alzheimer's disease: the 10-patient screening protocol." *The Consultant Pharmacist*. Published July 2013; 28(7):443-54.

Gary O. Rankin, H. Luo, B. Li, Z. Li, S.J. Cutler, Y.C. Chen. "Chaetoglobosin K inhibits tumor angiogenesis through down regulation of vascular epithelial growth factor-binding hypoxia-inducible factor 1α." *Anti-Cancer Drugs*. Published August 2013; 24(7):715-24.

Nalini Santanam, M. Garelnabi, K. Lor, J. Jin, F. Chai. "The paradox of ApoA5 modulation of triglycerides: Evidence from clinical and basic research." *Clinical Biochemistry*. Published September 2013; 46(1-2):12-9.

### Surgery

Ekong E. Uffort, Tim D. Canterbury, D. Blaine Nease. "Laparoscopic sleeve gastrectomy with comparable weight loss in all obese groups: a VA hospital experience." *The American Surgeon*. Published July 2013; 79(7):739-42.

Lawrence M. Wyner. "All out: The inglorious end of 'Buckyballs' (Abstract)." *Journal of Endourology*. Published October 2013; 27(27 Suppl 1):A365.

L.M. Wyner, B. Mo, V. Garla. "A case of congenital unilateral absence of the vas deferens." *International Medical Case Reports Journal*. Published 15 April 2013; 6:21-23.

L.M. Wyner. "Captain Lord's uremia." *Turkish Journal of Urology*. Published 2013; 39(2):131-135.

### Multidisciplinary

Stephen M. Petrany (Family Medicine), Todd W. Gress (Internal Medicine). "Comparison of academic and practice outcomes of rural and traditional track graduates of a family medicine residency program." *Academic Medicine*. Published June 2013; 88(6):819-23.

Nader G. Abraham (Internal Medicine), Joseph I. Shapiro (Internal Medicine), Dong Hyun Kim (OB GYN), Komal Sodhi (Surgery), David C. Jude (OB GYN), N. Puri, T.D. Hinds, L.A. Stechschulte, G. Favero, L. Rodella. "PPAR $\delta$  binding to heme oxygenase 1 promoter prevents angiotensin II-induced adipocyte dysfunction in Goldblatt hypertensive rats." *International Journal of Obesity* (2005). Published 19 June 2013.

## Journal Reviewers and Editors

### Anatomy & Pathology

John Wilkinson IV serves as a reviewer for *PLoS One*.

### Internal Medicine

Nader G. Abraham is a reviewer for *FASEB Journal*, *Science*, *American Journal of Physiology*, *Journal of Biological Chemistry*, *Journal of Pharmacology and Experimental Therapeutics*, *Circulation*, *Circulation Research*, *Proceedings of the National Academy of Sciences*, *Cancer Research Therapy and Control*, *Nature and Proc*, *Nitric Oxide*, *Hypertension Research*, *Hypertension Journal*, and *Journal of Experimental Medicine*.

Zeid J. Khitan serves on the editorial board for the *Global Journal of Human Anatomy and Physiology Research*.

### OB GYN

David C. Jude serves on the editorial board for the *Edorium Journal of Gynecology and Obstetrics*.

### Orthopedic Surgery

Ali Oliashirazi is a reviewer for the *Advances in Orthopedics Journal* and *Journal of Bone and Joint Surgery* and a member of the peer review panel for the International Congress for Joint Replacement.

Franklin D. Shuler is a reviewer for *Orthopedics*.

### Pediatrics

Deborah L. Klimek serves on the review panel for the *Journal of Pediatric Ophthalmology & Strabismus*.

### Pharmacology, Physiology, & Toxicology

Piyali Dasgupta is a reviewer for *Cancer Research* and the *British Journal of Cancer*.

Monica Valentovic serves on the editorial board for *Journal of Toxicology and Environmental Health* and is a reviewer for *Toxicology and Applied Pharmacology*, *Toxicology In Vitro*, and *Diabetes*.

Jung Han Kim is the associate editor for *BMC Genetics*.

### Psychiatry

Marie C. Veitia serves on the editorial board for *Cureus*.

## Grants Funded

### Cardiology

Mehair O. El-Hamdani, Melissa D. Lester, Heather R. Carver. "Global Registry on Long-Term Oral Anti-thrombotic Treatment In Patients with Atrial Fibrillation (Phase II/III)." Boehringer Ingelheim, April 2013.

Robert C. Touchon, Ellen A. Thompson. "OMEGA-3's IN METABOLIC SYNDROME: The objective of this study is to determine the efficacy of VASCAZEN in increasing blood concentrations of long-chain omega-3 polyunsaturated fatty acids in enrolled subjects, as well as safety of use." Pivotal Therapeutics, beginning July 2013.

Ellen A. Thompson, David Francke. "Know Your Numbers" to Lower Cardiac Risk." Robert C. Byrd Center for Rural Health, \$187,600, July 2013 - July 2014.

### Internal Medicine

Miaozong Wu, Henry K. Driscoll, John W. Leidy, Jr., Omolola "Lola" Olajide. "Mechanical unloading and irradiation-induced musculoskeletal loss and dysfunction: molecular mechanisms and therapeutic nanoparticles." NASA EPSCoR, \$750,000, September 2013 - August 2016.

Mumtaz Zaman. "Quality Improvement Project: Adherence to GOLD guidelines in reading PFT."

### OB GYN

Ryan A. Stone. "Level of buprenorphine measured in samples of cord blood as an independent risk factor for neonatal abstinence syndrome." Robert C. Byrd Center for Rural Health, \$15,000.

Ryan A. Stone. "Placental ADRB1 mRNA as a potential predictor of outcome and possible therapeutic target in high risk pregnancies." Robert C. Byrd Center for Rural Health, \$15,000.

Ryan A. Stone. "The relationship between DDAH/ADMA serum levels and hemodynamic studies in pregnant chronic hypertensive mothers." Robert C. Byrd Center for Rural Health, \$15,000.

### Orthopedic Surgery

Franklin D. Shuler, Jingwei Xie (Marshall Institute for Interdisciplinary Research). "Combination of Nanofiber Scaffolds with Gradations in Fiber Organization and Mineral Content and Adipose-derived Stem Cells for Rotator Cuff Injury Repair." NIH R15, \$293,000, 2013 -2016.

### Pediatrics

Brian S. Dunlap. "Reach Out and Read Early Childhood Reading Grant." Target, \$2,000, September 2013 - August 2014.

James M. Lewis. "West Virginia Chapter of the American Academy of Pediatrics (AAP) Quality Improvement Project for Children in Foster Care." American Academy of Pediatrics, \$6,500, June 2013 - May 2014.

### Pharmacology, Physiology, & Toxicology

Larry M. Grover. "Role of Kv7 channels in controlling neuronal excitability." NASA WV Space Grant Consortium, \$12,000, July 2013 - June 2014.

Monica Valentovic. "Transsulfuration and epigenetics as a mechanism for alcohol risk in breast cancer." NIH, \$1,813,750.

### Multidisciplinary

Maria A. Serrat (Anatomy and Pathology), W. Elaine Hardman

continued on page 12



(Biochemistry & Microbiology), Franklin D. Shuler (Orthopedic Surgery). "Temperature enhanced bone elongation in growth plates (Full Proposal)." Center for Clinical and Translational Research: University of Kentucky, \$25,000, August 2013 - December 2014.

Richard M. Niles (Biochemistry and Microbiology), Todd L. Green (Pharmacology, Physiology, & Toxicology). "Expansion of STEM Doctoral Education at Marshall University." WV Higher Education Policy Commission, Division of Science and Research, \$800,000, January 2013 - December 2017.

Monica Valentovic (Pharmacology, Physiology, & Toxicology), Brenda L. Dawley (OB GYN). "Prenatal Exposure to Heavy Metals and Polycyclic Aromatic Hydrocarbons (PAH) Alter Umbilical Cord Blood Levels of Thyroid Hormone and Vitamin D." MUSOM Translational Pilot Project Grant, \$25,000, January 2013 - January 2014.

## Grant Reviewers and Study Sections

### Anatomy & Pathology

John Wilkinson IV serves as an ad hoc reviewer for Lytmos Group.

### Biochemistry & Microbiology

Pier Paulo P. Claudio serves as ad hoc member of the Committee Grant Evaluation NIH/MONC study section at NIH, Bethesda, MD.

W. Elaine Hardman is a grant reviewer for the Italian Ministry of Health.

Vincent E. Sollars is a grant reviewer for the James and Esther King Biomedical Research Program managed by the Florida Department of Health.

### Pharmacology, Physiology, & Toxicology

Jung Han Kim is an ad-hoc reviewer for NIDDK DDK-C Subcommittee R03 and a member of the study section (Lipids BSc2) for the American Heart Association

## Service International/National

### Anatomy & Pathology

Maria A. Serrat is a focus group participant with the Evaluation of Grant's Anatomy Dissector for Lippincott Williams and Wilkins Publisher.

### Biochemistry & Microbiology

Richard M. Niles is an ad hoc member for the Department of Defense Breast Cancer Research Program.

### Cardiology

Ellen A. Thompson is a member of the Curriculum Committee for the American Society of Echocardiography.

Paulette S. Wehner serves as the director of the Visiting Professor Program, for the Women in Cardiology Council of the American College of Cardiology.

### Internal Medicine

Joseph I. Shapiro is a committee member for the both the Chronic Kidney Disease Advisory Group (ASN) and the Kidney in Cardiovascular Disease (KCV) Committee of the American Heart Association

### Orthopedic Surgery

Ali Oliashirazi serves as a delegate for the International Consensus on Periprosthetic Joint Infection.

### Pediatrics

Patricia J. Kelly is a member of PREP (Pediatrics Review & Education Program) Adolescent Medicine Editorial Board for the American Academy of Pediatrics.

### Surgery

Rebecca S. Wolfer is a member of the Scholarship Committee for Women in Thoracic Surgery.

## Regional/State

### Anatomy & Pathology

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

### Internal Medicine

Lynne J. Goebel is on the Membership Committee for the WV Geriatric Society.

Shirley M. Neitch is the co-chair for the WV Partnership for Elder Living and a board member for the WV Center for End-of-Life Care.

### OB GYN

Brenda L. Dawley is a member of both the Tobacco Prevention in Pregnancy Committee and the Gestational Diabetes Committee for WV.

### Oncologic Services

Uma Sundaram is a member of Graduate Medical Education, Health Disparities Committee, West Virginia University Health Sciences Center.

### Orthopedic Surgery

Ali Oliashirazi serves as Director, Orthopedic Services, King's Daughters Medical Center.

### Psychiatry

Tracy L. LeGrow is a member of the Planning Committee for the 2014 Appalachian Studies Association Annual Conference.

### Surgery

Bonnie L. Beaver is a member of both the WV chapter of the American College of Surgeons Planning Committee and the WV State Trauma Advisory Committee for the WV State Trauma Advisory Council.

## Local

### Anatomy & Pathology

Maria A. Serrat is a member of the Science Cafe Outreach Program for High School Students for the American Society of Biochemistry and Molecular Biology, with Cabell Midland High School and Marshall University Graduate Student Organization.

Krista Denning is the medical director of the Cabell Huntington Hospital School of Cytotechnology.

### OB GYN

Brenda L. Dawley is a member of JCESOM's Infant and Maternal Mortality Review Team.

*continued on page 13*

### Pediatrics

Jenna B. Dolan is a member of the Pediatric Nurse Education Committee for Marshall Pediatrics.

Amy D. Lochow is the director for the Quality Improvement Project at JCESOM's 5210 Keep Me Healthy.

### Surgery

Rebecca S. Wolfer serves as chair for the Pharmacy and Therapeutics committee for Cabell Huntington Hospital.

## Meeting Presentations

### International/National

#### Biochemistry & Microbiology

W. Elaine Hardman, G. Ion, T. Witte, J. Akinsete, W. Patterson, J.E. Wilson, J. Fahrman, J.A. Hall, A. Abbas, J. Denvir, P.T. Georgel. "Investigating the complex interplay between diet, epigenetics, and cancer." Presentation at University of Manitoba, Winnipeg, Canada, August 2013.

Vincent E. Sollars, J. Napper. "Phenotypic plasticity in the EML culture system as a result of HSP90 inhibition." Poster presentation at Epigenetics and Chromatin and Cancer Conference, Atlanta, GA, June 2013.

#### Internal Medicine

Shirley M. Neitch. "Driving While Elderly: Rights? Recklessness? Realities!" Oral presentation at University of Kentucky Summer Institute on Aging, Lexington, KY, June 2013.

Lynne J. Goebel, Sirisha Devabhaktuni. "Is warfarin a risk factor for nutritional deficiencies?" Poster presentation at National American College of Physicians Meeting, San Francisco, April 2013.

#### Orthopedic Surgery

Ali Oliashirazi. "Introduction to hip and knee arthroplasty." Presentation at a 2nd and 3rd year resident program. Chicago, IL, September 2013.

Ali Oliashirazi. "International Congress on Joint Replacement." Presentation at International Congress on Joint Replacement, Vail, CO, January 2013.

### Pediatrics

Maria Guadalupe Lopez Marti, Yoram Elitsur, Ameen Alshareef. "Hepatitis B immunity and response to booster vaccination in children with inflammatory bowel disease in West Virginia." Poster presentation at Pediatric Academic Societies meeting 2013, Boston, MA, May 2013.

Rosa T. Carrasco Sanchez, A. Sabnis, R. Carrasco, S.X.L. Liu, R. Tian, C. Marek, I.G. De Plaen. "Hypoxia, Hypothermia, Formula Feeding and Bacterial Inoculation Individually Decrease Intestinal VEGF in Neonatal Mice: Risk Factors for Necrotizing Enterocolitis." Poster presentation at Pediatric Academic Societies Annual Meeting, 2013, Washington, D.C., May 2013.

#### Pharmacology, Physiology, & Toxicology

Piyali Dasgupta, J.K. Lau, K.C. Brown, H. Luo, Y.C. Chen. "Nicotine increases the expression of alpha7-nicotinic receptors ( $\alpha 7$ -nAChRs) in human squamous cell lung cancer cells via Sp1/GATA pathway." Oral presentation at Experimental Biology Conference, Boston, MA, 2013.

Piyali Dasgupta, C.S. Stover, C.M. Crabtree, A.M. Dom, J.K. Lau, K.C. Brown, B.A. Shiflett, T.R. Witte, W.E. Hardman. "Capsaicin: a novel dietary therapeutic agent in human small cell lung cancers." Oral presentation at Experimental Biology Conference, Boston, MA, 2013.

Piyali Dasgupta, C.M. McNees, K.C. Brown, J.K. Lau, A.M. Dom, B.A. Shiflett, T.R. Witte, W.E. Hardman, H. Luo, Y.C. Chen. "MG624, a synthetic small molecule alpha7 receptor antagonist, inhibits growth of human small cell lung cancer." Oral presentation at Experimental Biology Conference, Boston, MA, 2013.

Piyali Dasgupta. "Nicotine/Acetylcholine Signaling Pathway: Novel Molecular Targets for Lung Cancer Therapy." Oral presentation at Flight Attendant Medical Research Institute, Twelfth Scientific Symposium, Miami, FL, 2013.

Jung Han Kim, T.P. Stewart, X. Mao, K.D. Dillon. "Characterizations of the energy balance and circulating inflammation makers in a polygenic mouse model

of obesity and type 2 diabetes." Poster presentation at European Congress on Obesity, United Kingdom, May 2013.

Piyali Dasgupta, B.A. Thornhill, K.C. Brown, J.K. Lau, A.M. Dom, T.R. Witte, W.E. Hardman, H. Luo, Y.C. Chen. "Anti-angiogenic activity of alpha7-nicotinic receptor antagonists in human small cell lung cancer." Poster presentation at Experimental Biology Conference, Boston, MA, 2013.

Gary O. Rankin, C.R. Racine, T. Ferguson, S. Baksi, D. Preston, D. Anestis. "Role of renal cytochrome P450 isozymes in the bioactivation of 3,5-dichloroaniline in vitro." Poster presentation at Toxicologist, March 2013.

Gary O. Rankin, C. Racine, T. Ferguson, D. Preston, and D. Anestis. "Effect of cytochrome P450 isozyme inhibitors on 3,5-dichloroaniline nephrotoxicity in vitro." Poster presentation at FASEB, April 2013.

Gary O. Rankin, C. Racine, T. Ferguson, D. Preston, and D. Anestis. "Attenuation of 1,2,3-trichloro-4-nitrobenzene nephrotoxicity by antioxidants and inhibitors of biotransformation." Poster presentation at Experimental Biology, Boston, MA, April 2013.

Monica Valentovic, J.G. Ball, S. Van Meter, M. Wright, B. Brown, R. Miller. "Resveratrol alters subcellular changes in Oxidative Stress mediated by Cisplatin in Rat Renal Tissue." Oral and poster presentation at Experimental Biology, Boston, MA, April 2013.

#### Multidisciplinary

Piyali Dasgupta (Pharmacology, Physiology, & Toxicology), A. Betts Carpenter (Anatomy and Pathology), W. Elaine Hardman (Biochemistry & Microbiology), K.C. Brown, J.K. Lau, B.A. Thornhill, C.M. Crabtree, A.M. Dom, T.R. Witte, C. McNees, C.S. Stover, H. Luo, Y.C. Chen, B.A. Shiflett. "Inhibition of cholinergic signaling causes apoptosis in human bronchioalveolar carcinoma." Oral and poster presentation at Experimental Biology Conference, Boston, MA, April 2013.

Pier Paulo Claudio (Biochemistry and Microbiology), Anthony M. Alberico (Neuroscience), Maria R. Tirona (Internal Medicine), Laurie B. Matt (Oncologic Services), S. Mathis, T. Alberico, J. Denvir, G. Kimmey, M. Mogul, R. Sehgal, A. Chowdhary, M. Mozayen, J. Oakley, K. Denning, T. Dougherty, J. Valluri. "Chemo-predictive Assay for Patients with Primary Brain Tumors." Poster presentation at American Society of Clinical Oncology, Chicago, IL, June 2013.

Paulette S. Wehner (Cardiology), Miaocong Wu (Internal Medicine), Henry K. Driscoll (Internal Medicine), R. Arvapalli, S. Thulluri, C. Wang, N. Manne, L. Dornon, and E. Blough. "Development of cardiac dysfunction in childhood and potential molecular mechanisms." Oral presentation at American Association of Colleges of Pharmacy (AACP) 2013 Annual Meeting, Chicago, IL, July 2013.

Ellen A. Thompson (Cardiology), Larry D. Dial (Internal Medicine), Joseph I. Shapiro (Internal Medicine), Robert C. Touchon (Cardiology), Nader G. Abraham (Internal Medicine), Komal Sodhi (Surgery), G. Favero, R. Rezzani, R.L. Fabrizio. "Enhanced VEGF and ETS-1 Recruitment by T Reg- Heme Oxygenase- 1 Module Increases Blood Flow in Post-infarction Myocardium in SCID Mice." Poster presentation at American Heath Association High Blood Pressure Research Meeting, New Orleans, LA, September 2013.

Robert C. Touchon (Cardiology), Nader G. Abraham (Internal Medicine), Joseph I. Shapiro (Internal Medicine), Ellen A. Thompson (Cardiology), Larry D. Dial (Internal Medicine), Komal Sodhi (Surgery), N. Puri, G. Favero, R. Rezzani, R.L. Fabrizio. "Heme Oxygenase-1-mediated PPAR $\delta$  Improves Cardiac Fibrosis and Inflammation in SCID Mice Via Induction of T Reg Cells." Poster presentation at American Heath Association High Blood Pressure Research Meeting, New Orleans, LA, September 2013.

Mary S. Payne (Neuroscience), Basel Katerji (Pediatrics), Susan L. Flesher (Pediatrics), B. Alrazzak, S. Alali, T. Husien. "A Rare Case of Familial Periodic Hypokalemic Paralysis in 2 Year-old Patient." Poster presentation at

NASPAGN Annual Conference, Chicago, October 2013.

## Regional/State

### Biochemistry & Microbiology

Beverly C. Delidow, A. Katrib, A. Gillispie. "Regulating Wnt Signaling Pathways in Melanoma." Poster presentation at WV INBRE Symposium, Huntington, WV, July 2013.

### Family Medicine

Ken J. Devlin. "Identification & Behavioral Treatment of Sleep Disorders in a Collaborative Care Environment." Oral presentation at WV Association of Professional Psychologists Conference, Flatwoods, WV, June 2013.

Kathleen M. O'Hanlon. "Evaluation and Treatment of Vascular Lesions." Oral presentation at MidMichigan Health/ Michigan State Medical Society, August 2013.

### Internal Medicine

Shirley M. Neitch. "Caregiver University." Oral presentation at Alzheimer's Association, OH and WV, 2012.

Shirley M. Neitch. "Do you Hear what I Hear? Cultural Competency and Communication with Appalachian Elderly." Oral presentation at WVU Department of Psychiatry Grand Rounds, Morgantown, WV, April 2013.

George M. Yousef, Maurice A. Mufson, Lynne J. Goebel. "Barriers to immunization with pneumococcal vaccine." Poster presentation at University of Kentucky Summer Series on Aging, Lexington, KY, June 2013.

### Oncologic Services

Uma Sundaram. "WVCTSI -- What it means for you." Oral presentation at West Virginia University Health Science Center, Townhall, WV, 2012.

Uma Sundaram. "Clinical Translational Research." Oral presentation at West Virginia School of Osteopathic Medicine Mid-Winter Conference, WV, 2012.

Uma Sundaram. "IDeA CTR for the State." Oral presentation at Department of Health and Human Services, WV, 2012.

### Orthopedic Surgery

Ali Oliashirazi, S. Ozgur. "Distraction improves debridement during TKA." Presentation at the WV Orthopaedic Society, 2013.

### Pediatrics

Shea Goodrich. "Plasmodium falciparum in West Virginia: a case report and review of the literature." Poster presentation at WV AAP conference, Stonewall Resort, WV, April 2013.

### Pharmacology, Physiology, & Toxicology

Gary O. Rankin, Z. He, and Y.C. Chen. "Gallic acid induces apoptosis in ovarian cancer cells." Presentation at Annual WV-INBRE Summer Research Symposium, Huntington, WV, July 2013.

Gary O. Rankin, A. Daniels, T. Howard, J. Chen, and Y.C. Chen. "Inhibitory effect of baicalin and baicalein on ovarian cancer cells." Presentation at WV-INBRE Summer Research Symposium, Huntington, WV, 2013.

Larry M. Grover, R. Reddy, B. Owen. "Are Kv7 channels responsible for difference in function between proximal and distal Schaffer collateral axons in rat hippocampus?" Oral presentation at NIH Summer WV-INBRE Symposium, Huntington, WV, July 2013.

Gary O. Rankin, B. Li, A. Noble, A. Daniels, and Y.C. Chen. "Chaetoglobosin K induces apoptosis in cisplatin-resistant ovarian cancer cells through p53 activation." Poster presentation at WV-INBRE Summer Research Symposium, Huntington, WV, July 2013.

Monica Valentovic, Gary O. Rankin, L.K. Vu, H.M. Hedrick, J.G. Ball, and A.J. Schnelle. "Resveratrol protects human kidney cells from doxorubicin toxicity." Poster presentation at WV-INBRE Summer Research Symposium, Huntington WV, July 2013.

Monica Valentovic, A.J. Schnelle, M. Wright, H.M. Hedrick, L. Vu, J.G. Ball, and J.M. Brown. "S-Adenosylmethionine (SAME) Reduces Acetaminophen (APAP) Induced Hepatic Protein Modifications in Liver and Mitochondria." Poster presentation at WV-INBRE Summer Research Symposium, Huntington, WV, July 2013.

*continued on page 15*



### Awards & Honors continued from page 14

Monica Valentovic, R. Brown, and D. Ramsey. "Resveratrol Reduces Kidney Injury induced by Hydrogen Peroxide." Poster presentation at Undergraduate Research Day at the Capitol, Charleston, WV, March 2013.

### Surgery

Rebecca S. Wolfer. "West Virginia State Trauma Review case review." Oral presentation at West Virginia State Trauma Audit Review, WV STAR, February 2013.

Rebecca S. Wolfer. "Unraveling the Alphabet Soup." Oral presentation at West Virginia Society of Health Care Pharmacists, West Virginia Society of Health Care Pharmacists, April 2013.

## Local

### Internal Medicine

John A. Isaak. "Internal Medicine Mortality & Morbidity." Oral presentation at Grand Rounds, Huntington, WV, January 2013.

### Neuroscience

Paul B. Ferguson, Jacob Kilgore (Medicine/Pediatrics), Tamara Barghouthi (MS4). "Problems Based Learning (PBL) in Academic Medicine." Oral presentation at Marshall University Neurology Department Grand Rounds, Cabell Huntington Hospital Huntington, WV, August 2013.

### Orthopedic Surgery

Ali Oliashirazi, F. Cheung, J. Salava. "Long term effect of constraining function removal in a total joint room." Podium presentation at WV Orthopedic Society, 2013.

### Pediatrics

Susan L. Flesher, Joe E. Evans. "Quality Improvement." Oral presentation at Pediatric Grand Rounds, Marshall Pediatrics, September 2013.

### Surgery

Rebecca S. Wolfer. "Nutrition in the ICU." Presentation at MUSOM Dept of Surgery Grand rounds, September 2013.

Rebecca S. Wolfer. "Thoracic Trauma an Update." Oral presentation at Pulmonary Grand Rounds, Marshall University, June 2013.

Rebecca S. Wolfer. "An ICU Update." Oral presentation at musom surgical grand rounds, April 2013.

### Multidisciplinary

Christine L. Gilkerson (Internal Medicine), Jacob Kilgore (Medicine/Pediatrics). "Bilateral Vision Loss in a Supratherapeutic INR Patient." Oral presentation at Marshall University Internal Medicine Morning Report, St. Mary's Hospital Huntington, WV, July 2013.

Franklin D. Shuler (Orthopedic Surgery), Susan L. Flesher (Pediatrics), A. Litchfield, R. Hayes. "Type I Diabetes in Children and Vitamin D." Oral presentation at Pediatric Grand Rounds, Marshall Pediatrics, August 2013.

## Staff Achievements

Jennifer T. Plymale, M.A., associate dean of admissions, presented at the National Rural Health Conference on JCESOM's Rural Health Initiative, May 2013. She also presented at the American Federation of Teachers TEACH national conference for Reconnecting McDowell in Washington, D.C., July 2013.

Glenna Bailey, Sarah Hicks, and Heidi Zbosnik (Family and Community Health) authored the *West Virginia Child Care Nurse Health Consultants Newsletter*. Published Fall 2013.

## Newswatch

Shirley M. Neitch wrote "Advancing to Leadership (Editorial)" in *GWIMS Watch*. Published 2013.

Gina Sharps (Family and Community Health), L.T. Veslicky, and K.A. Veselicky wrote "Perceptions of Oral Health by the West Virginia Community" in *West Virginia Medical Journal*. Published November 2013.

# JCESOM welcomes 25 students for Project P.R.E.M.E.D.



Participants in JCESOM's Project P.R.E.M.E.D. (Providing Real World Experiences for Future Marshall Educated Doctors) pose for a photo during a welcome reception with Marshall University President Stephen Kopp; Dr. Shelvey Campbell, JCESOM assistant dean for diversity; Dr. Joseph Shapiro, dean of JCESOM; and Dr. Sherry Clark, vice president of multicultural affairs at Marshall University. The program, held for three days in September, gives 25 undergraduate students from colleges and universities around the nation the opportunity to explore and experience the medical school during a three-day campus immersion visit that includes mock medical school interview sessions, robotic surgery demonstrations, and discussions with current medical students and residents about life as a physician.

## PEN CONTACT INFORMATION

**Darshana Shah, Ph.D.**

Editor

Professor of Pathology

Associate Dean, Office of Faculty Affairs  
& Professional Development

Marshall University Joan C. Edwards School of Medicine

1600 Medical Center Drive

Huntington, WV 25701

304.691.8638 | shah@marshall.edu



**Rachel Thomas**

Co-editor

pen@marshall.edu

**Leah C. Payne, M.A.J.**

Director of Public Affairs

edwardl@marshall.edu