Education for the educators:
JCESOM adopts Teaching for Quality program

The Te4Q faculty and staff participants are as follows: James Becker, Kathryn Bell, Denise Stombock, Josh Dorsey, Brian Gallagher, Jo Perry, Rodhan Khthir, Farid Mozaffari, Nancy Munn, Kelli Pasquale, Eva Patton-Tackett, Darshana Shah, Franklin Shuler, Ellen Thompson, Maria Tirona, Paulette Wehner, and Jo Ann Raines.

In August, JCESOM implemented an innovative faculty development program called Teaching for Quality (Te4Q). Created by the American Association of Medical Colleges (AAMC), Te4Q trains clinical faculty and staff on effectively teaching quality improvement and patient safety to medical students, residents, and other clinicians.

Paulette S. Wehner, M.D., vice dean of graduate medical education, spoke about the importance of this training: “By building these educational experiences in health care improvement and stressing the importance of quality improvement, we can ultimately impact patient care outcomes as our trainees emerge into practice.” Dr. Wehner and her peers understand that, through the implementation of this program, JCESOM is demonstrating a commitment to learning beyond medical school and residency; life-long learning is the standard, not just for medical students and residents, but for everyone at JCESOM. Expert faculty and staff members, by participating in the Te4Q program, were demonstrating that commitment to life-long learning.

Together Everyone Achieves More (TEAM)

JCESOM continues to work together to help our students, our patients, and our community to optimize the opportunities and meet the challenges of our region. Through multidisciplinary focus and diverse educational backgrounds, JCESOM faculty and staff cultivate a proactive and passionate learning environment while developing creative solutions to the complex challenges academia faces today. This issue of the PEN highlights the collaboration and creativity in our school: We are one of the few medical schools in the nation to incorporate AAMC’s inaugural quality improvement program Te4Q. We convened a Biomedical Research Retreat to foster teamwork across the schools and highlight medically relevant research. We held a Patient Safety Summit and Rural Research Day to address how best to care for our community. We are the Joan C. Edwards School of Medicine, and together we embrace all the coming opportunities and challenges that our new year brings.

– Darshana Shah, Ph.D., associate dean, office of faculty affairs and professional development

In Memoriam

Stephen J. Kopp, Ph.D.,
Marshall University president, 2005 - 2014

It is with great sadness that the JCESOM community says goodbye to our university president, Dr. Stephen J. Kopp. This is a devastating loss for our community, the University and, most of all, his family. Our deepest sympathies are with his family and loved ones.

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Dear Colleagues,

As the year 2014 comes to a close, I could focus on the many wonderful accomplishments of our students, faculty and staff. However, it is difficult for me to get past the untimely death of our President, Stephen J. Kopp, Ph.D. just a few days before the Christmas season which dominates my thoughts. The loss of Dr. Kopp is profound for the community, the University, the school of Medicine and the many who knew him as a friend.

I was one of those fortunate to know Steve Kopp. He was brilliant, generous and honest. He had a wonderful sense of humor as well as impeccable integrity. His energy was absolutely incredible. I’ve never seen anyone work consistently so hard, and I’ve known some hard-working people! In this regard, Steve was in a class by himself. He was also extremely loyal and committed to Marshall and extremely supportive of the Joan C. Edwards School of Medicine. He will be missed by all of us.

Please join me in reaching out to his family with our deepest sympathies. Our greatest tribute to this remarkable person will be to carry out the noble mission of our school, and I know we will all do just that.

Sincerely,

Joe

Dean, Joan C. Edwards School of Medicine
Professor of Medicine
Marshall University

Please visit the website for the Office of Faculty Affairs & Professional Development to view a range of educational opportunities and professional development to suit your needs!
Rural Health Research Day

Participants study and discuss presentations during JCESOM’s first Rural Health Research Day on October 31st. The inaugural summit provided a common platform for JCESOM students, residents, faculty, and staff to share vital information about health issues that are unique to our state and rural regions. Participants spoke enthusiastically on the successful summit:

“[The summit] was a great showcase for the work being done in Rural Health here at Marshall. Was inspiring to see the diverse projects and enthusiasm for the healthcare of WV.”
– participant comment from Rural Health Research Day

“[Research Day] provides an excellent opportunity to hear from researchers that directly relates to rural health. It was wonderful to meet with and discuss ideas with each of the doctors and ask additional questions about their research projects. Please continue this event!”
– participant comment from Rural Health Research Day

“Working hand-in-hand with the Appalachian Clinical and Translational Center at Marshall and the Higher Education Policy Commission, we are able to facilitate collaborative research projects that really can have a direct impact on our area.”
– Jennifer Plymale, M.A., director of the Robert C. Byrd Center for Rural Health and associate dean for admissions

Dining with the Dean

Dining with the Dean provides opportunities for all junior faculty to share their experiences with Dr. Joseph I. Shapiro and their peers. The office of faculty affairs and professional development hosted three dinners during the fall semester, and participants were quick to share their enthusiasm for the program:

“The experience was wonderful to me. Many thanks to Dr. Shapiro for taking the time and sharing with us his thoughts on many relevant issues. It was nice meeting everyone. Thank you.”
– Rodhan Khthir, M.D., assistant professor, department of internal medicine

“Thank you so much for organizing this session! It was great to meet everyone, and I really enjoyed the discussion. I really appreciate the time that Dr. Shapiro took out of his schedule to talk with us. Speaking for myself, it was a great way to motivate us to keep ‘plugging along.’ Thanks again.”
– Maria Serrat, Ph.D., assistant professor, department of anatomy and pathology
Senior and junior researchers share perspectives on grant success with PEN

Gary O. Rankin, Ph.D., chairman of the department of pharmacology, physiology, and toxicology, shared some of his knowledge with PEN about biomedical research, grant writing and application, and the work behind his success.

PEN: You are the principal investigator for a $17 million NIH grant for the WV IDeA Network of Biomedical Research Excellence (WV-INBRE). How is this grant important and what do you hope to accomplish?

Dr. Rankin: The WV-INBRE grant is important for West Virginia in so many ways. It is primarily an infrastructure grant to help build the biomedical research base in West Virginia and to provide opportunities for undergraduate students to get experience conducting important biomedical research. WV-INBRE funds biomedical research projects at several different levels across the state, mainly at primarily undergraduate institutions (PUIs) but also at Marshall and WVU. These awards provide much needed funds for investigators to build research programs, develop their research skills and to train students in research techniques at their home institutions. Through our summer research program, we also provide a nine week research experience for students, PUI faculty and high school science teachers.

These experiences have strengthened the biomedical research knowledge and technical skills of the students, faculty and high school teachers, started new research collaborations, and exposed these folks to cutting edge research. In some cases, students who may have been headed for other careers have decided to become biomedical researchers after their summer research experience, so we are helping grow the pipeline of researchers into biomedical fields. We have some funds that support PUI researchers and students to travel to national meetings to present their research findings, meet their peers, learn about their research field, and form new collaborations. WV-INBRE helps fund and maintain the Genomics Core facility, which is used by researchers at Marshall University, West Virginia University and many of the (PUIs) around the state and, with the Bioinformatics Core, helps researchers analyze their data and interpret their findings. All of these areas that are touched by WV-INBRE will help our researchers become more experienced and competitive for external funding and help our students become more competitive for their chosen career paths.

What we hope to accomplish is to build on our last ten years of support from NIH to continue to enhance the biomedical research infrastructure of West Virginia and the research opportunities for our students. We are on a roll and I’m glad we have the opportunity to continue.

PEN: How many grants have you received in your career? And to what do you attribute your success?

Dr. Rankin: I started at Marshall University on July 1, 1978 and received my first research grant January 1, 1979. Since then, I have had continuous funding as a principal investigator totaling around $58 million, with most of my funding coming from NIH. The first WV-INBRE award was received in 2004 and fortunately, the program is now in its second competitive renewal, bringing in about $54 million for this program in total. I have been very fortunate throughout my career and believe that there have been a lot of factors that have helped me. For my research grants, I usually had a good idea, a testable hypothesis, a logical approach and paid attention to details. I also was succinct and tried to keep things simple. And, I was a little lucky. That has worked for me time and time again. For WV-INBRE, I have a wonderful team of collaborators that have made the program a success. As the Principal Investigator, I’m just the quarterback, but it is the team of folks from Marshall and WVU that have helped make WV-INBRE the successful program that it is today.

PEN: Tell us about your very first grant. When did you start applying for grants, and how did that make you feel?

Dr. Rankin: When I came to Marshall in July, 1978, I didn’t really have a laboratory. My “lab” was a storage closet that was emptied to make way for a small amount of equipment and supplies. Eventually, I got space at the Building No. 5 at the VA in late 1978 to use for my laboratory. But, I was hired to teach and do research and service, so I knew that I needed to get external funding to support my research program. Dr. Donald Robinson, our first Chair, told me about the PhRMA Foundation Research Starter Grant program and encouraged me to apply. So, I spent the month of July writing the grant application on mechanisms of renal toxicity of succinimide drugs and agricultural agents, ordering supplies to start experiments and working on lectures. The grant was submitted for the August 1 deadline, and to my surprise, it got funded! I was amazed (as was everyone else, continued on page 6
Vincent Sollars, Ph.D., associate professor of biochemistry and microbiology, sat down with PEN to discuss his research accomplishments and goals and to share his perspectives on grants and research at JCESOM.

PEN: You recently received a large grant—$432,000 from the National Cancer Institute—to study the progression of cancer. Tell us more about this grant and what you hope to study.

Dr. Sollars: The Question: “What are the processes that enable a normal cell to start misbehaving and become cancer cells?” The process that cells in our bodies undergo to become cancer cells all end up producing a cell that ceases to listen and cooperate with its neighbors, which is necessary for the complex mixture of cell our bodies are. This grant will investigate a process known as “canalization,” which much like a canal for water directs the flow of water, directs a cell as it matures to the necessary type of cell the body requires. Disrupting this “canalization” process can cause a cell to change and lose its direction, potentially pushing it down paths that lead to cancer.

Research Goals: The research will use both cells grown in the laboratory and animal models of human leukemia, along with advanced scientific methods to test the role of canalization in the process of maturing cells and cancer development. The research will allow students at Marshall University the opportunity to participate in cutting edge research in preparation for careers in science.

Benefit: This highly innovative project can have a great impact on our understanding of how canalization drives cancer. Our increased understanding of this process in cancer progression will facilitate the development of new combinatorial therapeutic strategies for most cancers.

PEN: How do you feel about receiving this grant and studying cancer?

Dr. Sollars: I am happy to be working in a field of research that is exciting and pertinent to human disease.

PEN: How was the application process for the grant? Do you have any advice for other researchers applying for grants?

Dr. Sollars: All grant application processes can be harrowing experiences. A tremendous amount of work is involved in the process that is often not appreciated. My advice to others applying for grants is to consider the present economic climate as far as the availability of research funds. Do not bother submitting something that is not 100%. Make sure your new ideas and thoughtfulness in considering your scientific approach are readily apparent.
I think). I have thanked the PhRMA Foundation many times since then for helping get my research career started. Recently, I was asked to be a member of their Basic Pharmacology Advisory Committee, and as a result, I now review Research Starter Grant and other pharmacology applications for them to review.

**PEN:** Now tell us about a grant that was turned down. How did you feel about that?

**Dr. Rankin:** Like everyone else, I have had several grant applications that weren't funded. One in particular that I remember was related to our succinimide-induced kidney injury research. I had been funded for 16 years for this project and my competitive renewal for five more years of funding didn't get scored. It was at a time that NIH was reorganizing study sections and their emphasis on research. My application went to a study section that had only recently formed, and I could tell from the reviews that the reviewers weren't kidney experts. But I also realized that the basic research I was conducting on this project probably never would be funded again, as the emphasis on what would be funded was shifting at NIH. I was saddened that the grant wasn't renewed, but more saddened by the shift away from funding basic research that I was seeing at NIH.

**PEN:** Can you share some pearls of wisdom for other doctors and researchers at JCESOM?

**Dr. Rankin:** I'm not sure that I have any pearls of wisdom, but I'll share some common sense thoughts about increasing your chances of getting funding. Granstmanship is a word we often hear about. It means doing the things that put your application in the best light that is possible to increase your chances of getting funded. So, you want to have good grantsmanship skills. First, look at a recently funded application if you can and learn from how the successful investigator organized and presented the components of the application. As for preparing your application, you have to start with a significant problem to study. If what you are studying isn't important, then why should anyone fund you? The thing you want to study might be interesting, but is it a significant health problem? Make sure you point out how really significant the problem is and back it up with data. Be innovative – you lose points if you are doing the same old thing everyone else is doing with older techniques. Have a strong testable hypothesis (and highlight it) with independent aims and make sure you point out not only what you expect to happen, but any pitfalls and interpretations of the results if they aren't what you expect. Don't use the smallest font permitted and don't just have page after page of text (really turns off reviewers). Do have someone else read your grant – if they can't understand what you have written, then reviewers probably can't either. Seek out mentors – either here or elsewhere- who can advise you. A good mentor is worth their weight in gold.

 Persist! It is rare that a grant gets funded the first submission anymore. Learn from the reviews and don't be afraid to address their issues and resubmit in a timely way. If you need help to do so – go find it. Lastly, when you get the award letter – buy a lottery ticket!

“I’m just the quarterback, but it is the team of folks from Marshall and WVU that have helped make WVINBRE the successful program that it is today.”

– Gary O. Rankin, Ph.D.
Inaugural Biomedical Research Retreat

JCESOM’s inaugural Biomedical Research Retreat brought together researchers across Marshall University, and included representatives from the College of Information Technology and Engineering, the College of Health Professions, the College of Science, Marshall University Research Corporation, and the School of Pharmacy. By bringing together researchers across departments and schools, the retreat cultivated cooperation and teamwork, developing and deepening relationships among the participants. Uma Sundaram, M.D., vice dean for clinical and translational sciences, said that he hopes the gathering will spark better collaboration and synergies across Marshall University.

The summit ultimately hoped to improve the health of central Appalachia through the spirit of cooperation, using purposeful, clinically relevant research and the guided education of the next generation of clinical scientists.

"Look Closer"


By shooting an unusual subject from an unlikely perspective, Rebecca Creel's photograph reminds us that “the world is filled with people, each with their own subjective view of their surroundings and situations.” She also says, “I believe as representatives of the medical field, we need to be true observers—meaning we need to consider not only our own perspectives but those of others as well. Anything can be ‘seen’ in a multitude of ways, each of which is just as significant as the next.”

View other artwork and the entire Aenigma Medicorum publication at http://musom.marshall.edu/.

Feeling inspired? Go to the website above for information on how to submit your artwork or literature to the editorial board of Aenigma Medicorum.
Honoring Achievements

Three School of Medicine graduates were honored at the MU Alumni Association’s 77th annual Alumni Awards Banquet.

**Eric R. George, M.D.**, a hand surgeon practicing medicine in Louisiana, was presented with the Distinguished Alumnus Award. Dr. George owns his own practice, the Hand Center of Louisiana, to include hospitals, surgery centers, urgent care clinics, and assisted living centers. Dr. George is more than a successful doctor, however. His philanthropic endeavors are many and varied, and include funding a Marshall University Society of Yeager Scholarship in honor of his late brother, a fighter pilot who was killed in a crash.

A native of Huntington, Dr. George earned his undergraduate degree in chemistry and graduated from JCESOM in 1989. Dr. George completed his general trauma surgery residency at Michigan State University, then completed a fellowship in plastic and reconstructive surgery at Grand Rapids Area Medical Education Center in Grand Rapids, MI.

**Adam M. Franks, M.D.**, earned the Carolyn Hunter Faculty Service Award. A 1994 graduate of JCESOM, Dr. Franks completed his residency in family medicine at Marshall and a fellowship in advanced maternal care (surgical obstetrics) at the University of Tennessee-Memphis. He is an associate professor in the department of family and community health, and he was nominated for this award as a dedicated physician, outstanding scholar, and committed community volunteer. Dr. Franks has served in a variety of service roles beyond his role as a primary care provider, from assistant scoutmaster and medical officer for the Tri-State Area Boy Scout Council to volunteer coach for the Wayne County Youth Soccer League. He continues his practice at Marshall Family Medicine in Layayette in Wayne County.

**R. Mark Hatfield, O.D., M.D.**, a Charleston-based retina specialist, has been honored with numerous awards and prominent positions over his career. Last year, Dr. Hatfield received the Illinois Eye and Ear Infirmary Distinguished Alumnus Award and was named by JCESOM’s Alumni Association as the 2013 Distinguished Alumnus. In July, he was appointed administrative chairman of Marshall University’s department of ophthalmology. Dr. Hatfield began his career by earning a doctor of optometry degree from Illinois College of Optometry before graduating from the Marshall University School of Medicine in 1983. He completed a surgical internship at Marshall, an ophthalmology residency at the University of Illinois School of Medicine, and a vitreoretinal fellowship at Rush Presbyterian St. Luke’s in Chicago. He is the founder of Retina Consultants, which has five locations in West Virginia.

**Kelly E. Melvin, M.D.**, has been awarded an Association for Academic Psychiatry (AAP) Early Career Development Award, a national award created to facilitate career development and recognize young faculty who are innovative in their teaching techniques and skills. Dr. Melvin joined JCESOM in 2012 and is an assistant professor in the department of psychiatry and behavioral medicine. A 2005 graduate of JCESOM, he completed his residency in child psychiatry and general adult psychiatry at Vanderbilt University.

**Amy M. Smith, BSN, M.Ed.**, has been selected as assistant dean of student affairs. Ms. Smith has worked as the assistant director of medical education since 2009, specifically directing the clinical skills center and standardized patient program. She had previously served as the director of women’s and children’s services at Cabell Huntington Hospital (CHH), as well as nurse manager for the neonatal intensive care unit at CHH.
Congratulations

**Patient Safety & Quality Improvement Summit**

Poster presentations line the Medical Center Atrium during JCESOM’s Patient Safety and Quality Improvement Summit in November. The event brought awareness to JCESOM student, faculty, and staff about the importance of improving health care and patient outcomes through the quality improvement process.

**Charles L. Yarbrough, M.D.**, has been named inaugural chairman of the newly formed department of dermatology. Dr. Yarbrough, a longtime Huntington dermatologist, has served as a clinical professor with JCESOM since 1977. Dr. Yarbrough graduated from the Medical College of Virginia and completed a residency in dermatology at Emory University. He is board-certified in dermatology by the American Academy of Dermatology and also is board-certified by the American Boards of Pathology and Dermatology in Dermatopathology.

**Darshana Shah, Ph.D.**, is the new chair-elect of the Association of American Medical College’s (AAMC) Group on Faculty Affairs (GFA) Steering Committee. The mission of the national committee is to build and sustain faculty vitality in medical schools and teaching hospitals. Dr. Shah, associate dean for faculty affairs and professional development, is also a JCESOM professor and has been with the school of medicine since 1997.

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

**Sign up for ASPIRE today!**

This program, initiated by the Office of Faculty Affairs and Professional Development, promotes and enhances 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.

**Frank Shuler, M.D.,** and **Maria Tirona, M.D.,** present their poster “Designing a Patient Safety/Quality Improvement Curriculum for Graduate Medical Education.” The presentation, as part of the Patient Safety and Quality Improvement Summit, examined the Teaching For Quality (Te4Q) seminar held in August for JCESOM faculty and discussed the objectives and applications of the Te4Q program.
Strengthening our Pipeline

STEM careers showcased to high school students

From left, medical students Shayne Gue, Steven Nakano, and Sarah Johnson assist high school students during a suturing workshop as part of the Health Care Pipeline Initiative in June at JCESOM.

Marshall University’s summer program, called the Health Care Pipeline Initiative, held a week-long camp for high school students from around the region. The showcased an array of careers available in the science, technology, engineering, and mathematics (STEM) sectors. Lecture sessions during the week encompassed topics like rural health, aging and health, computer science, engineering, safety technology, health informatics, and health disparities. The initiative also included hands-on experience for participants in computer mapping, pharmacy compounding, suturing, heart sounds, and ear exams.

The camp was sponsored by JCESOM, the School of Pharmacy, and the Bluegrass Community and Technical College in Lexington, KY. Partners included the Marshall University Office of Intercultural Affairs, Southern West Virginia Area Health Education Center, West Virginia Higher Education Policy Commission (diversity grant), Walgreens (diversity grant), and the National Partnership For Action to End Health Disparities.

Project PREMED brings diversity and opportunity together

In September, more than a dozen undergraduate students from universities across the US participated in JCESOM’s Project P.R.E.M.E.D. (Providing Real World Experiences for future Marshall Educated Doctors). Now in its fourth year, the week-long pipeline program aims to immerse students of color in the world of JCESOM’s medical school students. Shelvy L. Campbell, Ph.D., assistant dean for diversity, had strong words to share about the program: “We are pleased to offer this program at Marshall. Our diversity initiatives promote an inclusive environment by attracting, recruiting and retaining individuals who represent varying backgrounds. This pipeline program helps us build that environment by exposing students of color to what we do.” This year’s agenda included mock medical school interview sessions, robotic surgery demonstrations, and discussions with current medical students and residents about life as a physician.

Project P.R.E.M.E.D. participants enjoy their time together as they learn about life and education in the JCESOM medical school community. The undergraduate students hailed from the University of Virginia, University of Louisville, Hampton University, and Stony Brook, as well as Ohio University and Marshall University.
Book and Book Chapters

Biochemistry & Microbiology

Family Medicine

Internal Medicine


Peer-Reviewed Publications

Anatomy & Pathology


Biochemistry & Microbiology


Hala M. Alshayeb, Sprague S. “Bone Biopsy in the Diagnosis and Management of Bone Disease in Dialysis Patient.” Review in Therapeutics and Medical Management; Current Osteoporosis Reports. Published July 2014.


Hala M. Alshayeb, Hala M. Alshayeb. “Bone Biopsy in the Diagnosis and Management of Bone Disease in Dialysis Patient.” Review in Therapeutics and Medical Management; Current Osteoporosis Reports. Published July 2014.


Liaw W, Bazemore A, Xierali I, John B. Walden, Diller P. “Impact of Global Health Experiences During Residency on Graduate Practice Location: A Multisite Cohort Study.” Journal of Graduate Medical Education. Published September 2014;6:(3).

Travis B. Salisbury (Pharmacology, Physiology, & Toxicology), Tomblin JK, Don A. Primerano (Biochemistry & Microbiology), Boskovic G, Fan J, Inderjit Mehni (Internal Medicine), Fletcher J, Nalini Santanam (Pharmacology, Physiology, & Toxicology), Hurn E, Morris GZ, James Dervir (Biochemistry & Microbiology). "Endogenous aryl hydrocarbon receptor promotes basal and inducible expression of tumor necrosis factor target genes in MCF-7 cancer cells." Biochemical Pharmacology. Published June 2014;91(3):390-43.


Journal Reviewers and Editors
Biochemistry & Microbiology
Wei-ping Zeng serves as a journal editorial board member in Austin Journal of Clinical Immunology, November 2013.

James Dervir was an article reviewer, BMC Genetics, April 2014.

Wei-ping Zeng has served as a journal reviewer/contributor for The Open Nutrition Journal, January 2013; for Cancer Informatics, May 2014; Journal of Immunology, American Association of Immunologists, November 2013.

Orthopedic Surgery
Franklin D. Shuler works as a reviewer for Journal of Orthopedic Trauma and Postgraduate Medical Journal, October 2013.

Pediatrics
Aaron M. McGuigan is a member of the editorial board for Journal of Medical Education and Curriculum Development, April 2014.

Pharmacology, Physiology, & Toxicology
Piyali Dasgupta is a reviewer for Biochimica et Biophysica Acta, 2013, and Pharmacological Research, 2014.

Grants Funded
Anatomy & Pathology

Biochemistry & Microbiology


Family Medicine


Obstetrics & Gynecology


Pediatrics


Multi-disciplinary

Gary O. Rankin (Pharmacology, Physiology, & Toxicology), Elsa L. Mangiarana (Pharmacology, Physiology, & Toxicology), James Denvir (Biochemistry & Microbiology), Nalini Santanam (Pharmacology, Physiology, & Toxicology), Don A. Primerano (Biochemistry & Microbiology). “West Virginia IDE Network of Biomedical Research Excellence (WV-INBRE),” National Institute of General Medical Sciences, $17,581,101, September 2014 - August 2019.


Grant Reviewers and Study Sections

Anatomy & Pathology

Maria A. Serrat served as a grant reviewer, Leakey Foundation, August 2014 - September 2014.

Biochemistry & Microbiology

Hongwei Yu served as a contributor to NASA Space Biology (Microbiology) Study Section, NASA Research & Education Support Services (NRESS), May 2014.


Vincent E. Sollars was a grant application reviewer, West Virginia IDE Network of Biomedical Research Excellence, April 2014; and a grant application reviewer, CURE program, Oak Ridge Associated Universities, April 2014.

Wanda Elaine Hardman is a JCESOM grant review committee member, June 2014.

Pharmacology, Physiology, & Toxicology

Jung Han. Kim was a study section member, LipidsBSc2, American Heart Association, April 2014.

Monica Valentovic was a study section member, NIH NIG NIDDK1 GRB-B (M1), February 2014 - April 2014.

Nalini Santanam is a member of EMNR (Endocrinology, Metabolism, Nutrition and Reproductive Sciences) IRG Special Emphasis Panel, National Institutes of Health (NIH), January 2013; and a member of Mentored Patient Oriented Research, K23/K24/K25, NIH/NHLBI, January 2014.

Service: National/ International

Anatomy & Pathology

Darshana Shah is serving as chair, Communication Committee, Group on Faculty Affairs (GFA), American

Maria A. Serrat is the annual meeting symposium chair and organizer, American Association of Anatomists, July 2014 - April 2015.

Biochemistry & Microbiology

Pier P. Claudio served as an organizing officer for the 5th RHAMS International Meeting, Cyprus, January 2013 - August 2014.

Information Technology


Neuroscience

Terrence D. Julien is a NASS advocacy committee member and NASS guidelines committee member, North American Spine Society (NASS), October 2013 - October 2015.

Pediatrics

Sherrie N. Miranda serves as a pediatrician for the Tri-State Medical Missions 2015 Hands for Haiti, June 2014 - June 2015.

Pharmacology, Physiology, & Toxicology

Monica Valentovic is the communications liaison officer, Division of Toxicology, American Society for Pharmacology and Experimental Therapeutics (ASPET), January 2014.

Nalini Santanam is a member of the American Heart Association (Great Rivers Affiliate) Research Committee, 2013 - 2015.


Service: Regional/State

Cardiology


Neuroscience

Mitzi Payne is a member of the Early Childhood Advisory Council of West Virginia, September 2014.

Psychiatry

Kelly E. Melvin is a member of the WV State Fatality Review Team, Supreme Court of Appeals of West Virginia, June 2014.

Surgery

Bonnie L. Beaver is a member of the West Virginia State Trauma Advisory Committee (STAC), the West Virginia State Office of Emergency Medical Services (OEMS), Division of Trauma, Designation and Categorization, August 2014.

Service: Local

Piediatrics

Susan L. Flesher is a member of the Physician's Advisory Council Hoops Family Children's Hospital, Cabell Huntington Hospital, 2013.

Surgery

Rebecca S. Wolfer serves as a volunteer for the Cabell Huntington Hospital Therapy Dog program, June 2014.

Meeting Presentations: National/International

Biochemistry & Microbiology


Hongwei Yu. “Modeling lung infection through exposure to bacteria-loaded droplets.” Invited lecture at School of Pharmaceutical Sciences, Wuhan University, Wuhan, China, September 2014.


Pier P. Claudio. “Chemosensitivity assay for targeting cancer stem-like cells in malignant brain tumors.” Invited lecture and poster presentation at Cancer Stem Cell Conference, Cleveland, OH, August 2014. Invited lecture at Taussig Cancer Institute, Cleveland Clinic, Cleveland, OH, August 2014; at Case Comprehensive Cancer Center and University Hospitals, Case Comprehensive, Cleveland, OH, August 2014; at Jackson Comprehensive Cancer Center, Jackson Comprehensive Cancer Center, September 2014; at Cancer Ground Rounds, Comprehensive Cancer Center and University Hospitals, University of Cincinnati, OH, September 2014.


Family Medicine


Mohammed I. Ranavaya. “Musculoskeletal disorder in the workplace – How to deal with impairment and disability claims using the AMA guides to the evaluation of permanent impairment 6th edition.” Invited lecture at two-day seminar for senior orthopedic surgeons, Kuala Lumpur, Malaysia, June 2014.


Internal Medicine


Obstetrics & Gynecology


Orthopedic Surgery


Pharmacology, Physiology, & Toxicology


Schnelle A, Wright MS, Hedrick H, Brown J, Ball JG, Monica Valentovic. “Acetaminophen (APAP) Induced Hepatic Protein Modifications in Liver and Mitochondria of C57/BL6 Mice are reduced by S-Adenosylmethionine (SAMe).” Poster presentation at Society of Toxicology, Phoenix, Arizona, March 2014.
**Monica Valentovic, IDEa Book.**


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


**Multi-disciplinary**

Jung Han Kim (Pharmacology, Physiology, & Toxicology), Neff D, James Denvir (Biochemistry & Microbiology), Don A. Primerano (Biochemistry & Microbiology), Boskovic G, Fan J, Mao X, Dillon K. “The Missense Polymorphism R46S in Cell Death-Inducing DNA Fragmentation Factor-Alpha (DFFA)-like Effector c (Cidec/Fsp27) May Influence the Obesity Mediated By Mouse Locus tabw2a.” Poster presentation at 14th International Congress of Endocrinology & the Endocrine Society’s 96th Annual Meeting & Expo, Chicago, IL, June 2014.

Nalini Santanam (Pharmacology, Physiology, & Toxicology), Davis M, James Denvir (Biochemistry & Microbiology), Boskovic G, Don A. Primerano (Biochemistry & Microbiology), Cook C, Adams C. “Expression profiling of miRNA and its targets in epicardial fat from patients with coronary artery disease.” Poster presentation at NIH IDEa-NISBRE annual meeting, Washington, DC, June 2014.


Biochemistry & Microbiology


Internal Medicine


Shirley M. Neitch. “Review and Update of Alzheimer’s Disease for Primary Care Physicians.” Oral presentation at Mississippi Academy of Family Physicians, Jackson, MS, April 2014.

Neuroscience

Pediatrics
Aaron M. McGuffin. “Integration of Basic Science into the Clinical Years: Advantages of Universal Notes.” Invited lecture at Ross University School of Medicine, Miami, FL, June 2014.


Pharmacology, Physiology, & Toxicology
Paniagua S, Jung Han Kim. “Hepatic Gene Expression Analysis of Nuclear Receptor Subfamily 0, Group B, Member 2 (Nr0b2) in Type 2 Diabetic Mice, TALLYHO.” Poster presentation at 13rd Annual WV-INBRE summer research symposium, Morgantown, WV, July 2014.

Wright SR, Jung Han Kim. “Evaluation of Interferon Activated Gene 202B (Ifi202b) and Dual Specificity Phosphatase 12 (Dusp12) as Potential Candidate Genes For The Obesity Susceptibility QTL on Mouse Chromosome 1.” Poster presentation at 13rd Annual WV-INBRE summer research symposium, Morgantown, WV, July 2014.


Surgery

Meeting Presentations: Local
Family Medicine

Orthopedic Surgery

Pediatrics

Milestones and Achievements
Jenna (Vance) Kerby, Marshall University undergraduate, won the Outstanding Research Presentation Award for the poster presentation “Utilization of unilateral heat to increase extremity bone length in mice,” Research and Practice Day, College of Health Professionals, Marshall University, Huntington, WV, April 2014.

Internal Medicine
Lynne J. Goebel was awarded the David Z. Morgan Award for excellence in geriatric education in WV, September.

Obstetrics & Gynecology
Kevin J. Conaway became certified in Female Pelvic Medicine and Reconstructive Surgery by the American Board of Obstetrics and Gynecology, June 2014.

“The turning of the year brings an opportunity to look both behind us, at what we have accomplished, and to look ahead, at what we will achieve.”

– Dr. Joseph I. Shapiro