

PEN

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

KEEPING YOU CONNECTED

Abraham to lead research into future



Nader Abraham

Nader G. Abraham, Ph.D., Dr. H.C., F.A.H.A., an internationally-recognized researcher in the field of obesity and vascular disease, is JCESOM's

inaugural vice dean for research. Abraham formerly served as chairman and professor of the Department of Physiology and Pharmacology at The University of Toledo College of Medicine. He is also affiliated with New York Medical College in Valhalla, N.Y.,

The Rockefeller University in New York and University of Catania in Italy.

Widely recognized for his research on vascular disease, Abraham and his team specifically study heme oxygenase, the most potent anti-oxidant gene in the human body. The team's research also includes an emphasis on translational medicine. Abraham is currently the principal investigator on two NIH grants focusing on stem cells-heme oxygenase, hormonal regulation of blood pressure, obesity and diabetes.

Abraham's team of researchers includes G. Drummond, Ph.D., former

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The path forward in creating a community of excellence

Today's academic responsibilities demand enormous amounts of energy and diligence to bring excellence at every level. JCESOM faculty, students and staff are empowered by their own strength and inspired to bring excellence in a culture of caring, involvement, curiosity and commitment. This issue of PEN covers visits from the founders of humanism in medicine, an esteemed Nobel Laureate and an expert in diversity initiatives. There are student reflections on service through medicine, and exciting discoveries and research that will lead the School of Medicine to a new level of excellence in teaching, research and patient care.

Darshana Shah

"A good leader inspires people to have confidence in the leader, a great leader inspires people to have confidence in themselves."

- Unknown

From the Dean's Desk



Dear Colleagues,

I've been at Marshall just over or under six months, depending on when you want to start counting. It has been a very busy and exciting time for me. While I am still getting to know the JCESOM faculty, staff and students, I feel as I am becoming a part of the Marshall community, and I am becoming more comfortable in my role as Dean. We face a number of challenges at present but none greater than the probationary status of our accreditation by the LCME, and I will direct the rest of my comments on that subject.

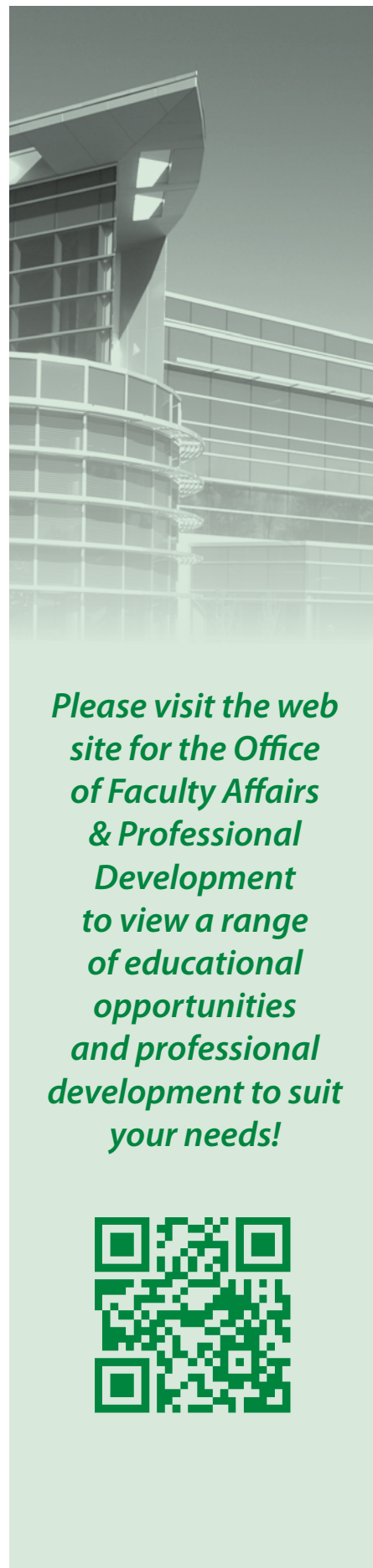
I am very happy to say that we have made tremendous progress towards correcting this critical problem. First, it is very clear that the action plan initiated under the direction of Dean Nerhood has been very successful. This is because of the enthusiasm and energy with which our faculty, staff and students have embraced these tasks. Second, the LCME secretariat has seen our progress and has been impressed in a very favorable way. During the past month, we have both visited the LCME secretariat and had them perform an informal site visit at Marshall. Both exchanges went as well as I could have imagined. In fact, I truly believe that if we just keep doing what we've said we're going to do in the action plan, we should do well on our formal site visit in June. While the LCME was impressed by virtually every aspect of our efforts to address the specific LCME standards, they were even more impressed by our transparency. It is a very brave thing to place the LCME standards, citations and plans to address them in the public domain, and I am very proud of all of you for doing so. It is my expectation rather than hope that the probationary status of our full accreditation will be lifted when the LCME reviews the site visitors in October of 2013.

This is not to say that June or October of 2013 will represent the end of our challenges or even the end of accreditation considerations for the JCESOM. In fact, I believe that we are at the early stages of a cultural transformation during which we will become a more research-active, scholarly and student centered school. Some aspects of the transformation will occasionally push all of us, myself included, out of our comfort zone, but I firmly believe this transformation will be necessary for the long term good of the school. To my mind, this transformation must draw on the creativity and other talents of our entire academic community in order to be successful. Ergo, this will not be a top-down process. That said, I give all of you my pledge to do whatever I can to make our transformation as pleasant and painless as possible, and I further promise to keep our core mission, the training of excellent physicians who practice in West Virginia, central to our plans.

My best wishes to all during this holiday season,

A handwritten signature in black ink, appearing to read "Joseph I. Shapiro". The signature is fluid and cursive.

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!



Faculty, students inducted into Gold Humanism Honor Society

Twelve fourth-year medical students and five faculty members were inducted into the Gold Humanism Honor Society (GHHS) in a ceremony at the Harless Auditorium on September 10.

The GHHS is an initiative of the Arnold P. Gold Foundation, created in 1988 by Dr. Arnold P. Gold and his wife, Dr. Sandra Gold, in an effort to nurture and preserve the tradition of the caring physician. The Gold Humanism Honor Society now celebrates 10 years and 101 chapters in the United States and Canada. The JCESOM is the 101st chapter of the society.

The Golds attended the ceremony. Sandra Gold encouraged inductees to

care for their patients as they would want to be cared for, look at medicine as a calling and be courageous in maintaining their integrity and humanism.

Student inductees were Blake Epling, Brian Abadir, Matthew Q. Christiansen, Matthew B. Curry, Joshua A. Hess, Caleb R. Huff, Jacob T. Kilgore, P. Gordon McLemore, Bi Mo, Kathleen H. Richardson, Melissa A. Rowe and Adam T. Short.

Faculty inductees were Renee Domanico, Shirley M. Neitch, Gerard J. Oakley, Joseph Shapiro and Darshana T. Shah. Dr. Shah is a faculty advisor for the GHHS local chapter.



Arnold and Sandra Gold

Reflections from GHHS 5th Biennial Conference



Jacob Kilgore and Matt Christiansen had the opportunity to attend the GHHS 5th Biennial Conference, "Building on a Decade of Humanism in Action," in Rosemont, Ill., October 2012.

By Jacob Kilgore

It is our duty as future physicians to continually reevaluate and broaden our perspectives on medicine. We must understand our patients on a personal level in order to be the most effective care providers we can be. This is exactly

what I accomplished this year at the Gold Humanism Honor Society (GHHS) Biennial Conference. Every student, resident and physician I met renewed my spirit of humanism and service through medicine. It was so rewarding to meet hundreds of individuals who shared similar values and hear of the heroic efforts so many are taking to keep empathy and compassion the focus of patient care. In just three short days, I gained a lifetime of knowledge of how I can better serve those who

entrust me with their care. I left Chicago with a rejuvenated spirit and it has only strengthened since that time. Many thanks to the Marshall University Joan C. Edwards School of Medicine for providing me this opportunity.

By Matt Christiansen

Soon after being inducted in the Gold Humanism Honor Society by a group of my peers, I had the opportunity to attend the national GHHS conference in Chicago. Since I had recently been inducted, I wasn't sure what the GHHS had to offer. What I found surprised me. I found a like-minded group of medical students, residents and practicing physicians who are passionate about quality patient care and employing the utmost in humanistic ideals in their practice. We discussed what it means to practice humanistic medicine, we used small group sessions to discuss what our individual institutions do to inspire and motivate us to connect with patients, and we talked with students and residents doing research on varied topics such as health care access, care for the uninsured and end of life care. It was easily the most inspiring and motivating medical conference I've attended and I hope to return next year. I came away refreshed and inspired to jump into my first year of residency!

Abraham continued from page 1

associate professor at Rockefeller University; D. Kim, Ph.D., researcher in human stem cells; K. Sodhi, M.D., researcher in hypertension; S. Monu, Ph.D., postdoctoral fellow; M. Maheshwari, doctoral student; and M. Choi, lab assistant.

Abraham earned his Ph.D. in 1976 from the Mt. Sinai School of Medicine in New York City. He spent his postdoctoral fellowship at The Rockefeller University. In 2009, while maintaining affiliations with both the New York Medical College and The Rockefeller University, Abraham was named chairman and professor of the department of physiology and pharmacology at The University of Toledo College of Medicine. During his tenure as chair of the department at Toledo, NIH and pharmaceutical support increased from \$2.5 million to more than \$7 million in less than four years.

School of Medicine's Office of Continuing Medical Education receives national re-accreditation

The Office of Continuing Medical Education (CME) at the Joan C. Edwards School of Medicine has received national re-accreditation through 2016 from the Accreditation Council for Continuing Medical Education (ACCME). CME at Marshall provides the physicians of the state of West Virginia and the tri-state region with health care educational activities geared toward improving the quality of health care in the region.

Congratulations to David Bailey, assistant dean for Continuing Medical Education at Marshall's School of Medicine.

"This marks 30 years of national accreditation for Marshall's program."

SCHOLAR SPOTLIGHTS

O'Hanlon leads as executive council chair for Women in Medicine & Science



Kathleen M. O'Hanlon, M.D., professor of Family & Community Health, is the inaugural executive council chair

for the Women in Medicine & Science (WIMS). The **mission** of this council is focused on advancing the careers of women faculty, residents and students in the fields of **medicine and science** by providing tools and opportunities to succeed in academic medicine.

O'Hanlon served as a medical director and full-time clinician from 1989 to 1996 in an affiliated practice setting. She now practices at the residency-based Family Practice Center. She enjoys delivering and teaching comprehensive care services for the entire family and has been the Family Medicine clerkship director for third-year medical students since 2004.

Her special interest in office procedural medicine prompted her

to pursue in-depth training during a sabbatical experience in 2000. She now spends about one-third of her clinical time on procedural medicine. Other accomplishments include serving as the procedures editor for FirstConsult.com, 2005-2009, and writing a number of book chapters which have been published in *Procedures for Primary Care Physicians*, *Primary Care Procedures in Women's Health and Dermatologic and Cosmetic Procedures in Office Practice*. She has been an instructor at national medical meetings for the past decade.

Raised in Tucson, Ariz., O'Hanlon moved to West Virginia in 1978 after three years in Washington, D.C. She is a magna cum laude graduate of Marshall University and, while attending the MUSOM, was inducted into Alpha Omega Alpha. She completed her family practice residency at Marshall, where she served as chief resident and received the "Outstanding Third Year Resident" award. She has been board certified by the American Board of Family Practice since 1989.

Second-year medical student elected to national association post



Second-year medical student Jay R. Bronder was recently elected by his peers as a regional representative to the American Medical Association's House of Delegates (AMA-HOD), the principal policy-making body of the American Medical Association.

The AMA's House of Delegates meets twice annually and represents the views and interests of a diverse group of member physicians on a variety of issues including health, medical and professional and governance matters.

Students return from Conference

Rachel's self-reflection

I am so grateful I had the opportunity to attend the AAMC Conference in San Francisco. This was my first poster presentation at a large conference and I will admit I was very nervous. Once the poster session began, I found I had nothing to fear. Everyone was incredibly friendly and genuinely interested in our project. In addition to presenting our poster, we also had the opportunity to network with physicians from across the nation.

Katy's self-reflection

My experience in San Francisco was great. I had the opportunity to meet some very important individuals, such as the president of the AAMC. I had the chance to talk to representatives of several different institutions and learn about new programs they have, such as OSU's new curriculum. I know that being a fourth-year medical student does not put me in the best position to contribute to ongoing improvements at Marshall; however, I can encourage those students in classes below me to take these opportunities to become involved in development roles at Marshall. As for



Left to right: Kathryn Blair; Rachel Edwards; Dr. Darrel Kirtch, AAMC president; and Dr. Darshana Shah. The poster is entitled, "WIMS Inaugural Leadership Forum: An Exploratory Study."

presenting at a national meeting, the people who present alongside you are a wealth of information to constantly improve your studies. They can always give you a new, fresh perspective,

or ideas that worked for them. The experience is irreplaceable and should be encouraged and made available for anyone.

Nobel laureate inspires and captivates faculty and students



Blobel

Dr. Günter Blobel, M.D., Ph.D., who received the 1999 Nobel Prize in Physiology or Medicine for his discovery that proteins have built-in signals that direct their movement in cells, visited the School of Medicine on November 14. His work has shed light on diseases such as cystic fibrosis and kidney stones, which have been linked to errors in the signal and transport systems. Experts say the

keys to unlocking these type communications will eventually help explain how diseases like cancer occur.

Marshall President Stephen J. Kopp presented Blobel with an honorary doctoral degree in science from the school.

Photo courtesy of The Rockefeller University/Zach Veilleux.

Welcome

Welcome New Faculty Members



Adrienne M. Mays, MD
Family & Community
Health



Sydnee McElroy, MD
Family & Community
Health



Alla Grigorian, MD
Internal Medicine



Mohamad Khasawneh, MD
Internal Medicine



Houssam E. Mardini, MD
Internal Medicine



Christine I. Oakley, MD
Internal Medicine



Justin M. Nolte, MD
Neuroscience



Sona K. Shah, MD
Neuroscience



Amanda Pauley, MD
Obstetrics and
Gynecology



Tigran Garabekyan, MD
Orthopaedic Surgery



Mark Mogul, MD
Pediatrics



Jiang Liu, PhD,
Pharmacology,
Physiology, & Toxicology



Paul C. Bown, MD
Surgery



Jonathan Kiev, MD
Surgery

Dr. Jason Hudak honored with national teaching award



Dr. Jason A. Hudak, a three-time Marshall University graduate, has been selected as a recipient of the 2012 Pfizer Teacher Development Award. The prestigious honor is given to only 13 physicians nationwide by the American Academy of Family Physicians (AAFP) Foundation.

The Pfizer award is presented to community-based, new physicians who combine their clinical practice with the part-time teaching of family medicine. Hudak has a private practice in Barboursville and serves as a volunteer clinical faculty member with the School of Medicine.

He graduated from Marshall with his undergraduate degree in 2001

and then with his medical degree in 2005. He completed a residency in Family Medicine in 2007.

Hudak was nominated by colleagues in the Department of Family and Community Health.

This is the second consecutive time a Marshall University Family Medicine residency graduate has received the AAFP Pfizer Teaching Development Award. Last year, Dr. Scott Davis was also recognized.

Hudak was honored at the AAFP's Scientific Assembly meeting held this October in Philadelphia.

Congratulations to our Faculty for Raising the Bar for Excellence

Class of 2015

Presented by Aaron Dom, MSII Class President

Dr. Sasha Zill
Dr. Todd Green
Dr. Maria Serrat

Class of 2014

Presented by Don Bertolotti, MSIII Class President

Dr. Paul Durst
Dr. Susan Jackman
Dr. Paul Ferguson
Mr. Mike McCarthy

Class of 2013

Presented by Elias Salloum, MSIV Class President

Best Clinical Rotation – Pediatrics Department
Best Resident – Dr. Jennifer Gerlach
Top Preceptors – Dr. Joe Evans, Dr. Sean Loudin and
Dr. Paul Ferguson

Alpha Omega Alpha Honor Medical Society

Monica Valentovic
Paul Ferguson
Sean Loudin

AMSA Golden Apple Award

Presented by Sarah Slocum, MSII
Dr. Sasha Zill

Outstanding Rural Physician 2012

Adam Franks
Kevin McCann

Sub-Specialty of the Year Teaching Award

Presented by the 2011-2012 Pediatric Residents
Dr. Mahmood Heydarian, his second award

Congratulations to our elected Inaugural Faculty Council members



Bonnie Beaver, MD
Surgery



Shannon Browning, MD
Internal Medicine



Brenda Dawley, MD
Obstetrics and
Gynecology



Krista Denning, MD
Anatomy and Pathology



James Denvir, PhD
Biochemistry and
Microbiology



Tigran Garabekyan, MD
Orthopaedic Surgery



Todd Green, PhD
Pharmacology,
Physiology, and
Toxicology



Pat Kelly, MD
Pediatrics



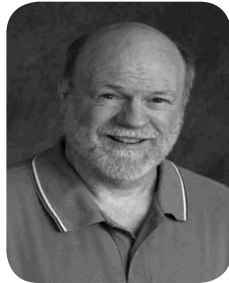
Benjamin Lafferty, MD
Psychiatry and
Behavioral Medicine



Sydnee McElroy, MD
Family and Community
Health



Deji Olajide, MD
Internal Medicine



Ross Patton, MD
Family and Community
Health



Audra Pritt, MD
Pediatrics



Dustin Robinson, MD
Surgery



Rameez Sayyed, MD
Cardiovascular Services



Sona Shah, MD
Neuroscience



Yousef Shweihat, MD
Internal Medicine

For more information visit <http://musom.marshall.edu/fdp/council.asp>

NATIONAL AWARDS, HONORS & SERVICE

Anatomy & Pathology

Maria A. Serrat was a poster judge for the American Physiological Society Scholander Competition held at the Experimental Biology Meeting in San Diego, April 2012.

Darshana Shah. "Wired for Success in Academic Medicine." Invited speaker, General Plenary Session, Mid-Career Women Faculty Professional Development Seminar, Austin, Texas, December 2012.

Darshana Shah, invited speaker, General Plenary Session, Barbara Barzansky and Donald Craig Brater. "Leveraging Diversity and Inclusion to Transform Our Institutions." Group on Faculty Affairs and Group on Diversity and Inclusion (GDI) Professional Development Conference, Indianapolis, August 2012.

Biochemistry & Microbiology

W. Elaine Hardman was invited to chair and act as first opponent for the Ph.D. dissertation defense of Caroline H.H. Pettersen, Norwegian University of Science and Technology, Trondheim, Norway.

W. Elaine Hardman is treasurer for the International Federation for Cell Biology, 2000 to 2012, and a member of the NCI – Chemo-Dietary Prevention (CDP) Study Section for the Fall 2012 cycle.

Cardiology

Paulette Wehner is a member of the American College of Cardiology: 1) Cardiology Training & Workforce Committee; 2) Women in Cardiology Council, director of Visiting Professor Program; 3) NBME, in-training examination author.

Internal Medicine

Henry K. Driscoll, Farrell Professor of Endocrinology, is listed for 2013 with Best Doctors in America[®], a service that matches individuals and their treating physicians with the top 5 percent of doctors in the United States to help find the right diagnosis and treatment.

Hosny Gabriel received the "Certificate of Appreciation to Honorary President of the Conference" at the 16th Alexandria Anaesthesia and Intensive Care Conference in Alexandria, Egypt, October 2012.

Ahmad Nusair has served as vice-chair of the External Affairs Committee of the Society for Health Care Epidemiology of America (SHEA) since December 2010.

Joseph I. Shapiro is on the Kidney in Cardiovascular Disease (KCVD) committee of the *American Heart Association*, and the Cardiovascular Disease (CVD) committee for the American Society of Nephrology.

Ralph W. Webb serves on the American College of Rheumatology Rheumatoid Arthritis Quality Measures Development Expert Panel for 2012.

Obstetrics & Gynecology

David Jude is a member of the *United States Medical Licensing Examination (USMLE) Step 2 OB-GYN TMDC*, the American College of Obstetricians and Gynecologists, the Council on Resident Education in Obstetrics & Gynecology (CREOG) Examination Committee, and the Perinatal Partnership Central Advisory Committee.

Hisham Keblawi is a member of the *Royal College of Obstetricians and Gynaecologists (RCOG)* Representative Committee of America and the National Board of Medical Examiners (NBME), Step 2 Clinical Skills Standard Setting Panel. Further, he received the Association of Professors of Gynecology and Obstetrics (APGO) Excellence in Teaching Award, 2012.

Ryan Stone received the Council on Resident Education in Obstetrics and Gynecology (CREOG) Teaching Excellence Award, 2012.

Ophthalmology

Michael Krasnow, D.O., Ph.D. has been reappointed to an additional three-year term on the Express Scripts National Pharmacy & Therapeutics Committee, and has been selected by his peers as Best Doctor in America for 2013 for his contribution in his specialties of glaucoma and cataract surgery.

Belinda L. Russell, O.D., has been named one of America's Top Optometrists for the third consecutive year.

Michael A. Krasnow, D.O., Ph.D., was named one of America's top ophthalmologists for the seventh consecutive year by the Consumer's Research Council of America.

Orthopaedics

Franklin Shuler received a Physical Anthropology Fellowship at the Smithsonian Institution, Washington, D.C., working with *Dr. David R. Hunt*, museum

specialist, on The Robert J. Terry Anatomical Skeletal Collection, April 2012.

Franklin Shuler received the Top Faculty Award for Miller's Orthopaedic Review Course, May 2012; was awarded a position in the U.S. Bone and Joint Decade Young Investigators Initiative Program, November 2012.

Pharmacology, Physiology & Toxicology

Gary O. Rankin is a member of the West Virginia IDeA Research Council; the Science and Research Advisory Council; the American Society for Pharmacology and Experimental Therapeutics (ASPET); and the Council of Academic Societies. He is liaison to the American Association for the Advancement of Science (AAAS), the AAAS Section on Medical Sciences. He is an American Society for Pharmacology and Experimental Therapeutics (ASPET) representative and a member of the Basic Pharmacology Advisory Committee of the Pharmaceutical Research and Manufacturers of America Foundation. He serves on Special Emphasis Panels of the National Institutes of Health, the Steering Committee for the National IDeA Symposium of Biomedical Research (*NISBRE*), and on committees for the Association of Medical School Pharmacology Chairs. He is a Marshall University Convention delegate to U.S. Pharmacopeia.

MENTORING

C.M. Crabtree, A.M. Dom, J.K. Lau, K.C. Brown, B.S. Shiflett, T.R. Witte, **W.E.**

Hardman and **P.Dasgupta** "Capsaicin induces apoptosis in human small cell lung cancer via the TRPV pathway." 22nd Annual Sigma Xi Research Day, Marshall University, April 2012. Poster was awarded second place in the poster competition.

R.G. Creel, K.C. Brown, B.A. Thornhill, J.K. Lau and **P.Dasgupta**, "Structure-Activity Relationship (SAR) Studies of Capsaicin in Human Small Cell Lung Cancer Cells." WV-INBRE Annual Symposium, Morgantown, July 2012.

Principal Investigator **Johannes Fahrman** and **W. Elaine Hardman**, mentor, received \$12,000 from NASA WV EPSCoR for a pre-

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Awards & Honors continued from page 9

doctoral award for Fahrman, August 2011 to July 2012. The award was competitively renewed for August 2012 to July 2013.

Russell L. Fry II mentored medical students **Zubair Ansari** and **Josh Hendrix** in their submission and award of a \$15,000 grant for "An Analysis of the Accuracy of Remote Evaluation of Digital Retinal Images of a Rural Diabetic Population."

Russell L. Fry II mentored medical students **Daniel Russ Richardson** and **Sarah Slocum** in their submission and award of a \$15,000 grant for "An evaluation, need and effectiveness of free mobile eye health screenings of a homeless population in an Appalachian community."

Mardochee Isme*, Kristeena Ray, Melissa Massie, Carla Cook and **Nalini Santanam** (faculty mentor). "Epigenetics of endometriosis-associated pain." WV-INBRE Annual Symposium, Morgantown, July 2012. *Selected among 40 students for oral presentation.

Kelyn Pittman, Myriaha Selbe, Mardochee Isme, Melissa Massie, Kristeena Ray, Carla Cook and **Nalini Santanam** (faculty mentor). "The effect of antioxidant excess on macrophage function." WV-INBRE Annual Symposium, Morgantown, July 2012. Isme, a senior from Bluefield State University, was a WV-INBRE intern for Summer 2012.

S. Sabet, T. Ahmad, **G.O. Rankin** and L.L. Richards-Waugh. "Polymorphism in CYP2B6 and sudden death of methadone users in West Virginia and Kentucky." WV-INBRE Annual Symposium, Morgantown, July 2012.

Myriaha Selbe, Melissa Massie, Carla Cook and **Nalini Santanam**. "Omega3-rich diet modulates leptin in an antioxidant over-expressing mice." WV-INBRE Annual Symposium, Morgantown, July 2012.

Franklin D. Shuler and **Kelly Scott (MSII)** were funded at \$15,000 for "Improving Rural Bone Health and Minimizing Fracture Risk in West Virginia: The World Health Organization FRAX Assessment Tool," August 2012.

Miaozong Wu was appointed as research mentor for the JCESOM Training Program in Endocrinology, and as a research assistant professor at Marshall's School of Pharmacy.

GRANTS RECEIVED

Anatomy & Pathology

Maria A. Serrat received a NASA West Virginia Space Grant Consortium Research Initiation Grant and an MU-ADVANCE Faculty Fellowship for the 2011-2012 academic year. The project, entitled, "Imaging skeletal growth plates using in vivo multiphoton microscopy," supported pilot data collection for two extramural grant applications that were submitted to NSF and NIH in 2012. Each award was for \$20,000.

John Wilkinson IV and **Vincent Sollars** received funding from the National Institutes of Health and the National Cancer Institute NIH/NCI for "Mechanisms Of Alcohol-Associated Cancers/Alcohol and Iron Derived Oxidant Stress Impact Epigenetic Regulation," 2012.

John Wilkinson IV and **Vincent Sollars** are co-investigators, pending \$1,775,000 in support from NIH/NCI, on "Folate, transsulfuration, and epigenetics and mammary tissue susceptibility to ethanol," July 2013 to June 2018.

Sasha Zill received visiting professorships from the German Research Foundation (DFG) to the University of Bielefeld and the University of Köln in Germany. These monies have funded research and presentations in neuroscience in the United States, 2010 to 2013.

Biochemistry & Microbiology

Donald A. Primerano and **R. M. Niles** (co- PI) have received a West Virginia Higher Education Policy Commission Research Challenge Grant from the West Virginia Cancer Genomics Network to develop a repository of cancer tissues and study the genomic and epigenomic events that cause cancers relevant to West Virginians, July 2012 to June 2017.

Donald A. Primerano and **Gary Rankin** (co-PI) have received funds from NIH/NCI for "West Virginia IDeA Networks of Biomedical Research Excellence Phase II" (Subproject: Appalachian Cardiovascular Research Network), approximately \$3 million per year, May 2009 to April 2014.

W. Elaine Hardman is PI for "Maternal Consumption of Omega 3 Fatty Acids to Reduce Breast Cancer Risk in Offspring," Department of Defense, Breast Cancer Research Program, \$781,000, July 2010 to June 2013.

W. Elaine Hardman is PI for "Omega 3 induced epigenetic change in CLL," \$10,000 from WV-INBRE, October 2012 September 2013.

W. Elaine Hardman is PI for "Dietary Walnut to reduce risk factors for breast cancer," \$99,022 from the California Walnut Commission/AICR, October 2012 to September 2013.

Internal Medicine

Larry Dial is co-PI for West Virginia "Chief Resident Immersion Training (CRIT)," receiving \$20,000 from the West Virginia Higher Education Policy Commission and \$25,000 from the West Virginia Rural Health Initiative, JCESOM, 2012.

Shirley M. Neitch is PI, West Virginia "CRIT," West Virginia Higher Education Policy Commission, \$20,000, 2012 ; PI, West Virginia "CRIT," West Virginia Rural Health Initiative, JCESOM, \$25,000, 2012; and co-investigator with West Virginia Alzheimer's Association for Benedum Foundation grant for Improved Identification of Dementia Patients in Acute Care. Planning grant received October 2012.

Miaozong Wu is co-PI for "Establishing obese Zucker rats (Lepr^{fa/fa}) as a model of cardiovascular dysfunction for ONGLYZA (Saxagliptin) intervention," Astra Zeneca, \$85,050, August 2011 to February 2013; PI for "The efficacy of trichostatin A to improve bone quality and function in hindlimb unloaded rats," NASA WV EPSCoR, \$10,000, July 2012 to June 2013.

Multidisciplinary

Richard Egleton (Pharmacology, Physiology & Toxicology) is PI for "Regulation of human brain endothelial cells by diabetic patient plasma," a sub-award from the ACORN portion of the WV-INBRE grant, \$10,000, August 2012 to April 2013. This grant is in collaboration with Abid Yaquub (Endocrinology).

Jiang Liu and **Z. Xie** (both Pharmacology, Physiology & Toxicology) and J.I. Shapiro (Internal Medicine) are co-investigators on "Receptor Na/K-ATPase Antagonists as Novel Therapeutics for Renal/Cardiac Diseases," August 2011 to May 2015.

Nalini Santanam (Pharmacology, Physiology & Toxicology) and **Abid Yaquub** (Endocrinology) are co-PI's on "The Role of adipokines in Post-menopausal Hypertension," JCESOM-Internal Medicine Pilot Translational Grant, \$10,000, 2012 to 2013.

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Nalini Santanam (Pharmacology, Physiology & Toxicology) and **Tariq Rehman** (Internal Medicine) are co-investigators on "Effect of niacin on endothelial cell function in patients with chronic kidney disease," JCESOM-Internal Medicine Pilot Translational Grant, \$10,000, 2012-2013.

Nalini Santanam (Pharmacology, Physiology & Toxicology) is the recipient of a NASA WV EPSCoR grant to study, "Diet mediated epigenetic regulation of adipose function," 2012-2013. She is also the recipient, in collaboration with Brenda Dawley (OB-GYN), of the MU/UK Center for Clinical and Translational Science Pilot Grant to study, "MicroRNA fingerprint in women with Endometriosis and pain," 2012-2014, and co-PI on an NSF-funded Instrumentation grant to the Marshall University College of Science to purchase an Electron Paramagnetic Resonance Spectrometer.

Monica A. Valentovic (Pharmacology, Physiology & Toxicology), **Brenda Dawley** (OB-GYN) and **Jesse Cottrell** are co-PI's on "Urban and Rural Differences in Prenatal Exposure to Metals and Polycyclic Aromatic Hydrocarbons," MUSOM Rural Health Care Research Pilot Grant, \$15,000, November 2012 to October 2013.

Obstetrics & Gynecology

David Jude received \$50,000 for the Coventry Healthcare Maternal Addiction and Recovery Clinic (MARC), February 2012.

Ryan Stone has received three \$15,000 Marshall University Robert C. Byrd Center for Rural Health Pilot Project Grants: 1) "Placental ADRB1 mRNA as a potential predictor of outcome and possible therapeutic target in high risk pregnancies;" 2) "Level of buprenorphine measured in samples of cord blood as an independent risk factor for neonatal abstinence syndrome;" 3) "The relationship between DDAH/ADMA serum levels and hemodynamic studies in pregnant chronic hypertensive mothers," 2012.

Orthopaedics

Franklin Shuler has the following grant activity. 1) Letter of intent for CTSA UK-Marshall grant, "Quantitative analysis of the antimicrobial effects of LL-37 (cathelicidin): Potential uses in surgery," \$25,000, April; 2) Hedrick Program Grant for Teaching Innovation, \$5,000, April; 3) OMeGA residency grant, \$5,000, July; 4) Community Service Vitamin D Grant from Vitamin D Council – Sunshine for Health, Vitamin D Drops, \$9,000 award, April; 5) Rural Pilot Grant, "Improving Rural Bone Health and Minimizing Fracture Risk in West Virginia: The World Health Organization FRAX Assessment Tool," \$15,000; 6) CCTS Pilot Program, co-PI with Dr. Wingate and Dr. Crofford [UK], "Quantitative analysis of the antimicrobial effects of LL-37(cathelicidin): potential uses in surgery," \$25,000; 7) "OMeGA Grant," residency educational grant for Marshall University Orthopaedics, \$5,000; 8) NIH R15 Co-PI with **Jingwei Xie**, "Biomimetic Nanofiber Scaffolds Seeded with Adipose-derived Stem Cells for

Rotator Cuff Injury Repair," \$380,000 over three years; impact score of 21 – within funding range; 9) Picker GME Challenge Grant Request, with Drs. Israelsen and Shuff, "Radiographic review with patients improves information, communication and education following musculoskeletal injury," \$25,000 matching grant request; 10) "Community Service Vitamin D Grant, Vitamin D Council – Sunshine for Health, Vitamin D drops," \$9,000 awarded, 2012.

Pharmacology, Physiology & Toxicology

Piyali Dasgupta is PI on the following grants. 1) "Nicotine/Acetylcholine Signaling in Lung Cancer," Young Clinical Scientist Award Program from Flight Attendant Medical Research Institute, \$100,000/year, 2012-2014; 2) "Capsaicin and Small Cell Lung Cancer Therapy," NIH R-15 AREA grant, \$100,000/year, 2012-2015.

Jiang Liu and J. Tian are co-investigators on "Na/K-ATPase Reduction in Renal Disease-Related Cardiac Dysfunction," December 2011 to November 2016.

Gary O. Rankin is PI on a WV-INBRE award from NIH: May 2009-April 2014, total direct costs \$15,359,372. Counting the award's supplements that ended in 2012, the total award is \$17,442,432. Co-investigators to the grant are **Monica Valentovic**, **Nalini Santanam**, **Elsa Mangiarua** and **Donald Primerano**.

Travis Salisbury is PI for "Characterization of the Aryl Hydrocarbon Receptor

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New initiative from the Office of Faculty Affairs for 2013 Academic Citizenship Excellence (ACE) Points

The Office of Faculty Affairs will reward and recognize JCESOM faculty, residents and students who exhibit outstanding academic citizenship with "Academic Citizenship Excellence" points. ACE Points are gained by participating in some volunteer-based professional enhancement activities offered throughout the year.

What are the benefits of earning ACE points?

- Reward and recognition;
- An added value component with your promotion portfolio;
- A prestigious line on your CV; and
- A chance to become a better and more satisfied academic citizen.

For more information, visit: <http://musom.marshall.edu/fdp/>.



Awards & Honors continued from page 11

Cistrome in adipokine-stimulated breast cancer cells," WV-INBRE next generation sequencing challenge grant, Marshall University, \$10,000, 2012. Also, "Epigenetic Endocrine Disruption," Cell Differentiation and Development Center (CDDC), Marshall University Supplement, \$20,000, 2012.

Nalini Santanam is PI on: 1) "Dietary mediated epigenetic regulation of adipose tissue," NASA WV EPSCoR, \$10,000, 2012-2013; 2) "MicroRNA Fingerprint in women with endometriosis and pain," University of Kentucky-CCTS-Marshall Pilot Translational Grant program, \$25,000, 2012-2013; 3) PI, "Circulating small RNAs in patients with coronary artery disease," WV-INBRE-ACORN Pilot Grant, \$25,000, 2012-2013; and 4) "Next generation sequencing to detect miRNA editing in adipose tissue," WV-INBRE-NGS Pilot Grant, \$8,000, 2012 to 2013. She is co-PI for "Acquisition of an EPR spectrometer for studies in biochemistry, chemistry, and physics," NSF-Instrumentation grant, \$338,845, 2012-2013.

Monica A. Valentovic and **Piyali Dasgupta** are co-investigators on "Nicotine impact on lung cancer cells," Flight Attendants Medical Research Association (FAMRA), \$600,000, July 2009 to June 2014; and "Capsaicin and Small Cell Lung Cancer Therapy," \$426,000, July 2012 to June 2015.

Monica Valentovic and **Piyali Dasgupta** are co-investigators on "Capsaicin and Small Cell Lung Cancer Therapy," National Institutes of Health R-15 AREA Grant, \$426,000, July 2012 to June 2015.

H.D. Yu is PI on "Control of Mucoicid *P. aeruginosa* Biofilms in Cystic Fibrosis," Cystic Fibrosis Foundation, \$180,000, April 2011 to March 2013.

Surgery

Pier Paolo Claudio is PI in the following research awards: 1) "NASA: Characterization of HUS1B: A novel player in the p53/pRb tumor suppressor pathways," 2011 and 2012. 2) "NASA Chemosensitization of Non-Small Lung Cancer Stem Cells with Isothiocyanate," 2011 and 2012. 3) "CTSA MARSHALL/UK: Lung cancer phase-I chemosensitivity clinical trial," 2012. 4) Department of Neuroscience: "Brain and spine cancer phase-I chemosensitivity clinical trial."

PROFESSIONAL MILESTONES

Anatomy & Pathology

Nancy Norton is an associate member of the Southern Society for Clinical Investigation, Jan. 12, 2012.

Maria A. Serrat was a 2012 participant in the U.S. Bone and Joint Young Investigator Initiative. In 2010 she entered the competitive formal grant-mentoring program, designed to help junior faculty successfully obtain external funding. Serrat attended her second of two formal workshops in Chicago, November 2012. **W. Elaine Hardman** is the faculty mentor for Serrat.

Cardiology

Chris Adams is a West Virginia Chapter American College of Cardiology Council Member, 2012.

Paulette Wehner is governor of the West Virginia Chapter of the American College of Cardiology and a member of the West Virginia Cardiovascular Health Care Council Emergency Medicine Services Task Force, (CDC). She is also a member of the American Heart Association-WV Chapter Health Equality Alliance Resource Team "HEART."

Family & Community Health

Charles Clements is on the Medical Advisory Committee for the National Ski Patrol, Southern Division; medical advisor for Winterplace Ski Patrol, Ghent, W.Va.; and a member of the board of River Park Hospital, Huntington.

Charles "Chuck" McCormick, while in Gallup, N.M., worked in geriatrics and palliative medicine at Gallup Indian Medical Center for six weeks and presented three Grand Rounds, Advanced Care Planning, Polypharmacy in the Elderly and Delirium in the Elderly, June 2012.

Internal Medicine

Shirley M. Neitch was the inaugural recipient of the Maier Clinical Research Professorship, JCESOM, 2012.

Shirley M. Neitch served as a physician member of the United Mine Workers Health and Retirement Funds Expert Advisory Panel, December 2001 to June 2012, and has been a member of the West Virginia Partnership for Elder Living Central Advisory Council from its inception to present.

William A. Nitardy is a member of the planning committee for the West Virginia Chapter of *American College of Physicians*, 2012, and is a West Virginia CRIT Lecturer for 2012.

Ahmad Nusair advanced to Fellow of the Infectious Diseases Society of America, 2012, and the American College of Medicine, 2012.

Obstetrics & Gynecology

Kevin Conaway became certified in Fundamentals of Laparoscopic Surgery (web-based education module).

Brenda Dawley is chair of the West Virginia Perinatal Partnership, the West Virginia Section of the American Congress of Obstetricians and Gynecologists and the Prevention of Unplanned Pregnancy Project. She is a member of the Tobacco Prevention in Pregnancy Committee, the Gestational Diabetes Committee and the Infant and Maternal Mortality Review Team. She also became certified in Fundamentals of Laparoscopic Surgery (web-based education module).

Stephen Feaster is chair of the Cabell Huntington Hospital (CHH) Laser Committee and the CHH Surgical Case Review Committee.

Hisham Keblawi became certified in Fundamentals of Laparoscopic Surgery (web-based education module).

Sarah Price is a member of the Academy of Marshall Educators. She also became certified in Fundamentals of Laparoscopic Surgery (web-based education module).

Bruce Ratliff serves on the CHH Executive Committee, the CHH Credentials Committee and the Highmark BC/BS Credentials Committee.

Yolanda Campbell became certified in Fundamentals of Laparoscopic Surgery (web-based education module).

Pharmacology, Physiology & Toxicology

Monica Valentovic was elected secretary/treasurer of the Division of Toxicology in the American Society of Pharmacology and Experimental Therapeutics beginning June 2012.

Surgery

P.P. Claudio has made the following U.S. provisional patent applications: 1)

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Osteointegrated implant system; 2) Method and composition for the site-selective gene delivery using viruses; 3) Stem Cell and Associated Factor Production Method; 4) Methods for stem cells production and therapy. He has two European patent applications: 1) Methods of inhibiting smooth muscle cell proliferation and preventing restenosis with a vector expressing RB2/p130, and 2) Method for quantification of recombinant viruses. Claudio also has two Japanese patent applications: 1) Methods of inhibiting smooth muscle cell proliferation and preventing restenosis with a vector expressing RB2/p130, and 2) Method for quantification of recombinant viruses.

Franklin Shuler participated in the Young Investigator Initiative Career Development and Grant Mentoring Program, July 2012.

INDUSTRY-SPONSORED CLINICAL TRIALS

Cardiology

Mehiar El-Hamdani (PI), **Melissa Lester** (SI) and **Heather Carver** are enrolling in GLORIA-AF: Global Registry on Long-Term Oral Anti-thrombotic Treatment in Patients with Atrial Fibrillation (Phase II/III), Boehringer Ingelheim.

Mark Studeny (PI), **Mehiar El-Hamdani** (SI), **Rameez Sayyed** and **Melissa Lester** are enrolling for a Prospective, Multicenter Single-Arm Trial to Assess the OMEGA Coronary Stent system for the Treatment of a Single De Novo Coronary Artery Lesion, Boston Scientific.

Mark Studeny (PI), **Mehiar El-Hamdani** (SI), **Rameez Sayyed** and **Robert Touchon** will be enrolling in January 2013 for ACCELERATE, Assessment of Clinical Effects of Cholesteryl Ester Transfer Protein Inhibition with Evacetrapib in Patients as a High Risk for Vascular Outcomes, Lilly.

Mark Studeny (PI), **Ellen Thompson** (SI), **Melissa Lester** and **Abid Yaqub** are enrolling for a Multicenter, Randomized, Double-Blind, Placebo- Controlled, Study to Evaluate Cardiovascular Outcomes of TAK-875 50mg in Addition to Standard of Care in Subjects with Type 2 Diabetes and with Cardiovascular Disease or Multiple Risk Factors for Cardiovascular Events, Takeda.

Robert Touchon (PI) and **Ellen Thompson** (SI) will be enrolling in January 2013 for OMEGA-3's IN METABOLIC SYNDROME 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.

Robert Touchon (PI) and **Ellen Thompson** (SI) are currently enrolling in a study, REDUCE-IT— A Multi-Center, Prospective, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study to Evaluate the Effect of AMR101 on Cardiovascular Health and Mortality in Hypertriglyceridemic Patients with Cardiovascular Disease or at High Risk for Cardiovascular Disease: (Reduction of Cardiovascular Events with EPA-Intervention Trial), Amarin Pharmaceuticals.

Internal Medicine

Shannon L. Browning and **Shirley Neitch** (PI) are researching "Human Skin Fibroblast Acquisition Protocol with Clinical Protocol BSTE-0705," Blanchette Rockefeller Neurosciences Institute, 2010 to present.

Neurology

Anthony Alberico is PI for "Protocol BHR-100-301: A Randomized, Double-Blind, Placebo-Controlled Phase 3 Study to Investigate the Efficacy and Safety of Progesterone in Patients with Severe Traumatic Brain Injury." First local patient was enrolled in April 2012.

Orthopaedics

Franklin Shuler is the principal investigator for MU Orthopaedics in a clinical trial, "Intramedullary Nail vs. Sliding Hip Screw Inter-Trochanteric Evaluation (INSITE)," a multinational, multicenter, randomized controlled trial with 25 sites in 10 Europe, 10 in United States and five all over the world, November 2012.

Pediatrics

Susan L. Flesher is the local PI for the Field Test of National Nighttime Curriculum for Pediatric Residents, 2011-2012.

Studies in Follow-up:

Mark Studeny (PI). TAXUS PERSEUS-SMALL VESSEL: A Prospective Evaluation in a non-Randomized Trial of the Safety and Efficacy of the Use of the TAXUS Element Paclitaxel-Eluting Coronary Stent System for the Treatment of De Novo coronary Artery Lesions in Small Vessels.

Mark Studeny (PI) and **Mehiar El-Hamdani** (SI). PRECISION, Prospective Randomized Evaluation of Celecoxib Integrated Safety vs. Ibuprofen or Naproxen: A Randomized, Double Blind, Parallel-Group Study of Cardiovascular Safety in Osteoarthritis or Rheumatoid Arthritis Patients with or at High Risk for Cardiovascular Disease Comparing Celecoxib with Naproxen and Ibuprofen. Awaiting closure.

Mark Studeny (PI), **Mehiar El-Hamdani** (SI), **Ellen Thompson** and **Rameez Sayyed**. ALECARDIO: Cardiovascular outcomes study to evaluate the potential of aleglitazar to reduce cardiovascular risk in patients with a recent acute coronary syndrome (ACS) event and type 2 diabetes mellitus (T2D).

Mark Studeny (PI), **Mehiar El-Hamdani** (SI) and **Rameez Sayyed**. XIENCE V USA, a post-approval study that is an open-label, multi-center, observational, single-arm registry. The main purpose of this study is to evaluate the continued safety and effectiveness of the XIENCE™ V EECSS recently approved for use by the FDA for the treatment of narrowed coronary arteries (blood vessels in the heart) in a group of real-world patients.

Fellow-generated Studies:

Silvestre Cansino (PI), **Carrie Willis** (SI) and **Ashu Dhanjal**. "Incidence of Infective Endocarditis in MRSA Bacteremia in Our Regional Centers."

Silvestre Cansino (PI), **Ashu Dhanjal** (SI) and **Courtney Saunders**. "Graft Occlusion in patients with ST Elevation Myocardial Infarction (GO-STEMI)."

Silvestre Cansino (PI), **Ashu Dhanjal** (SI). "Endothelial Assessment in Premenopausal Women by Brachial Artery Ultrasound."

Mehiar El-Hamdani (PI), **Farah al Khitan** (SI) and **Yousef Darrat**. "Restenosis in the era of stent revolution."

Rameez Sayyed (PI) and **Tilahun Belay** (SI). "Cirrhotic Cardiomyopathy in West Virginia, Joan C. Edwards School of Medicine: What is the Magnitude?"

Rameez Sayyed (PI) and **Yousef Darrat** (SI). "Stress Induced-Cardiomyopathy (SICM) in patients taking beta blocker (BB) or angiotensin converting enzyme inhibitor (ACEi) agents."

Reframing diversity

Marc A. Nivet, Ed.D., chief diversity officer of the Association of American Medical Colleges (AAMC), spoke about "Diversity as a Vital Component of Health Systems Innovation" at the JCESOM on Sept. 19, 2012.



Marshall President Dr. Stephen J. Kopp, Dr. Marc Nivet and Dr. Joseph Shapiro.

Awards & Honors continued from page 13

Paulette Wehner (PI) and **Farah al Khitan** (SI). TID and LHR in Patients Undergoing Regadenoson Pharmacologic Stress Testing.

JOURNAL REVIEWERS & EDITORS

Anatomy & Pathology

Sasha Zill reviews for *Journal of Neurophysiology*, *Journal of Comparative Physiology*, *Journal of Experimental Biology Society*, *Biological Cybernetics* and *Current Biology*.

Biochemistry & Microbiology

W. Elaine Hardman reviews for *British Journal of Cancer*, *International Journal of Cancer*, *Cancer Epidemiology, Biomarkers and Prevention*, *Histochemical Journal*, *Cancer, Nutrition and Cancer*, *Clinical Cancer Research*, *American Journal Clinical Nutrition*, *British Journal of Nutrition*, *Biochemical Journal*, *Clinical and Experimental Metastasis*, *International Journal of Cancer*, *Cancer Chemotherapy and Pharmacology*, *Cancer Cell International*, *Lipids*, *BMC Pharmacology*, *BMC Oncogene*, *Lipids in Health and Disease* and *BMC Cancer Cell*.

H.D. Yu is on the editorial board of *Infection and Immunity*, *American Society for Microbiology (ASM)*, and reviews manuscripts for *Molecular Microbiology*, *Applied and Environmental Microbiology*, *Microbiology*, *Journal of Bacteriology* and *Infection and Immunity*.

Family & Community Health

Stephen M. Petranj reviews for *American Family Physician*.

John Walden reviews for *Journal of Wilderness and Environmental Medicine* and *American Family Physician*.

Internal Medicine

Maurice A. Mufson serves on the editorial boards of *American Journal of the Medical Sciences*, *American Journal of Medicine*, *European Journal of Clinical Microbiology and Infectious Diseases*.

Thomas C. Rushton reviews for *American Journal of Medical Sciences*.

Joseph I. Shapiro is editor-in-chief for the *Journal of Hypertension: Open Access*.

Miaozong Wu reviews for *The Journal of Physiology*; *Muscle and Nerve*; *Cellular Physiology and Biochemistry*; *European Journal of Applied Physiology*; *The Journal of Nutrition, Health and Aging*; *Frontiers in Experimental Pharmacology and Drug Discovery*; and *International Journal of Experimental Pathology*.

Obstetrics & Gynecology

David Jude reviews for the *American Journal of Obstetrics and Gynecology*.

Pharmacology, Physiology & Toxicology

Piyali Dasgupta reviews for *Molecular Cancer* and *International Journal of Cancer*, in addition to numerous other journals, and serves on the editorial board of *Journal of Cell Science and Therapy*, 2010-present.

Richard Egleton reviews for more than 13 journals, including *Endocrinology* and *Fluids and Barriers of the CNS*.

Jung Han Kim reviews for *Critical Reviews in Biochemistry & Molecular Biology*, *Molecular Nutrition and Food Research*, *Molecular and Cellular Biochemistry*, *Lipids in Health and Disease*, *Obesity Epidemic*, *Journal of Nutritional Biochemistry* and *Nutrition & Metabolism*.

Jiang Liu reviews for *Pharmacological Review*, *Hypertension*, *American Journal of Physiology*, *Molecular Biology Reports* and *Reproduction*.

Gary O. Rankin is on the editorial boards of *Chemico-Biological Interactions*, *ISRN Toxicology* and the *European Journal of Toxicological Sciences*. He reviews for more than 20 journals.

Monica A. Valentovic is secretary/treasurer for the Division of Toxicology of the American Society of Pharmacology and Experimental Therapeutics. She is also on the editorial board of *Journal of Toxicology and Environmental Health*.

Surgery

P.P. Claudio reviews for *Cancer Research*, *Journal of Viral Immunology*, *Journal of Neuroimmunology*, *Journal of Virology*, *Human Pathology*, *Life Sciences*, *Clinical Cancer Research*, *Journal Cell Physiology*, *Journal Biological Chemistry*, *Oncogene*, *International Journal of Cancer*, *American Journal of Cardiovascular Research*, *PNAS*, *Journal of Urology*, *Digestive Disease and Sciences*, *Neoplasia*, *Molecular Therapy*, *PlosONE*, *Cancer Letter* and *Brain Research*.

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Awards & Honors continued from page 14

P.P. Claudio performs editorial services for *The Women's Oncology Review*, *Journal of Experimental & Clinical Cancer Research*, *Current Signal Transduction Therapy*, *Journal of Experimental & Clinical Cancer Research*, *Open Access Journal of Oral and Maxillo-Facial Surgery* (editor); *Frontiers in Craniofacial Biology*; *Frontiers in Tumor Immunity* (review editor). Most recently Claudio was named an editor of Bentham Science Publishers.

P.P. Claudio is an ad hoc reviewer of the Bioengineering Sciences and Technologies (BST) Member Conflict Special Emphasis Panel, 2012.

GRANT REVIEWERS

Anatomy & Pathology

Maria A. Serrat reviews grants for the Graduate Women in Science National Fellowship Program.

Sasha Zill reviews grants for the National Science Foundation.

Biochemistry & Microbiology

W. Elaine Hardman is an ad hoc reviewer for NIH Chemo-Dietary Prevention (CDP), 2010, 2012.

Cardiology

Robert Touchon was part of the peer review process for the ACCF/AHA "Guideline for the Management of Heart Failure," September 2012, and for "Evaluation of the Benefit and Harm of Aspirin for Primary Prevention of Cardiovascular Events: A Comparison of Quantitative Approaches," for the American College of Cardiology, May 2012.

Internal Medicine

Miaozong Wu reviews grants for the American Association of Colleges of Pharmacy.

Pharmacology, Physiology & Toxicology

Piyali Dasgupta has been invited by Oak Ridge Associated Universities (ORAU) to serve as a reviewer for Pennsylvania Department of Health (PADOH) grant applications in the section, "Nicotine Effects on Lung Cancer Promotion: From Cells to Patients" for the year 2012.

Richard Egleton reviews grants for Michigan Diabetes Research and Training

Center Pilot and Feasibility Grants, and the Kentucky Science and Engineering Foundation's R&D Excellence Program. He is a Brain Study Section reviewer for the American Heart Association and the American Diabetes Association.

Jung Han Kim is a member of the study section (Lipids BSc2) for the American Heart Association; an ad-hoc reviewer for the Israel Science Foundation (ISF) and the Center for Agriculture, University of Massachusetts-Amherst; and a member of the Diversity Committee of The Obesity Society.

Jiang Liu is an ad-hoc grant peer reviewer for the American Heart Association.

Elsa Mangiarua is a grant reviewer for the Department of Defense (DOD) National Defense Science and Engineering Graduate Fellowship, 2011, 2012.

Nalini Santanam reviews grants for the MU/UK Center for Clinical and Translational Science Pilot Grant Program and the National Institutes of Health.

Surgery

P.P. Claudio reviews grants for the INTAS Program (Science, Research & Development, EURASIA organization); NIH; and AIRC (Italian Association for Cancer Research). He is a grant evaluator for NEURASIA (International Bureau of the Federal Ministry of Education and Research) at the Project Management Agency, c/o German Aerospace Center. He is also an expert-evaluator of the INTAS Program (Science, Research and Development).

BOOKS & BOOK CHAPTERS

Anatomy and Pathology

Wilkinson John IV. "Is there an etiologic role for dietary iron and red meat in breast cancer development?" In *Nutrition and Cancer: From Epidemiology to Biology*. **P.P. Claudio** and **R.M. Niles**, eds., Bentham E-Books, 2012. (Review)

Biochemistry & Microbiology

Hardman, W.E. "Omega-3 Fatty Acids as an Adjuvant to Cancer Therapy." In *Nutrition and Cancer: from Epidemiology to Biology*. **P.P. Claudio** and **R.M. Niles**, eds., Marshall University, 2012.

Family Medicine

Charles Clements. "Survival, the Rule of Three's." In *Outdoor Emergency Care*, 5th

edition. Pearson Education Inc., Upper Saddle River, N.J., 2012.

Charles "Chuck" McCormick. Co-authors of two learning modules, "Ethical and Legal Issues" and "Care of the Caregiver." In *Mayo Clinic Global Initiative-eCurriculum series; Essentials of Palliative Medicine and Hospice Care-Ethiopia*, 2012.

John Walden. "Medical Ramifications of Failing to Acknowledge Amerindian Warfare, Violence, Social Inequality and Cultural Enigmas." In *The Ethics of Anthropology and Amerindian Research: Reporting on Environmental Degradation and Warfare*. R. Chacon and R. Mendoza, eds., Springer Press, 2012.

John Walden. "Jungle Travel and Survival." In *Wilderness Medicine*, 6th edition. A.P. Auerbach, Mosby Publications, 2012.

Internal Medicine

E.R. Blough and **Miaozong Wu***.

"Novel application of acetaminophen." (Invited chapter). In *Acetaminophen: Properties, Clinical Uses and Adverse Effects*. A. Javaherian and P. Latifpour, eds. Nova Science Publishers Inc., 2012.*Corresponding author.

E.R. Blough and **Miaozong Wu***. "Akt/protein kinase B (PKB) in cell aging." (Invited chapter) *Cell Aging*. J.W. Perloft and A.H. Wong, eds., Nova Science Publishers Inc., 2012 *Corresponding author.

S.M. Neitch. "Cardinal Manifestations of Disease in the Elderly," and "Assessment of Older Drivers' Skills." In *AGES™ - Advanced Geriatric Educator Skills*©. K.C. Nau, ed., Mountain State Geriatrics Education Center, February 2006; update 2012.

A. Franks and **J.I. Shapiro.** "Simple acid-base disorders: Metabolic acidosis." In *Nephrology in 30 days*, 2nd edition. R.F. Reilly and M.A. Perazella, eds., 2012. In Press.

A. Franks and **J.I. Shapiro.** "Respiratory and mixed acid-base disorders." In *Nephrology in 30 days*, 2nd edition. R.F. Reilly and M.A. Perazella, eds., 2012. In Press.

Vetteth, S.S. Gohara and **J.I. Shapiro.** "Cardiotonic steroids and cardiac fibrosis." In *Cardiomyopathies*. J. Veselka, ed. In Tech. Rijeka, Croatia, 2012.

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J. Xie, L.D. Dial and J.I. Shapiro. "Na/K-ATPase signaling and the tradeoff between natriuresis and cardiac fibrosis." In *Cardiomyopathy*, J. Veslka, ed. In Tech. Rijeka, Croatia, 2012.

Neurology

J.M. Nolte and R.J. Adams. "Genetics of Sickle Cell Disease and Stroke." In *Stroke Genetics*, Pankaj Sharma and James Meschia, eds., London: Springer, 2013.

Pharmacology, Physiology & Toxicology

R.D. Egleton. "Green Tea Catechins and Cancer." In *Nutrition and Cancer*. **P.P. Claudio** and **R.M. Niles**, eds., Bentham Press Inc., London, United Kingdom, 2012.

R.D. Egleton, K.A. Witt and T.P. Davis. "Opioid peptides and the blood brain barrier." In *Handbook of Biologically Active Peptides*, 2nd edition. A.J. Kastin, ed., Academic Press. In press.

P.J. Harvison and **G.O. Rankin.** "Diuretics." In *Foye's Principles of Medicinal Chemistry*, 7th edition. T. Lemke and D.A. Williams, eds., Lippincott, Williams & Wilkins, 2013. In press.

J.H. Kim and A.M. Saxton. "The TALLYHO mouse as a model of human type 2 diabetes." *Methods in Molecular Biology*, 2012. In press.

R.M. Niles and **G.O. Rankin.** "Resveratrol, a phytoalexin with a multitude of anti-cancer activities." In *Nutrition and Cancer*. **P.P. Claudio** and **R.M. Niles**, eds., Bentham Press Inc., London, United Kingdom, 2012.

M.A. Valentovic and N. Santanam.

"Nutrition, oxidative stress and cancer." In *Nutrition and Cancer*. **P.P. Claudio** and **R.M. Niles**, eds., Bentham Press Inc., London, United Kingdom, 2012.

Surgery

P.P. Claudio and **D. Denning.**

"Nasopharyngeal carcinoma." In *Cancer Research, an encyclopedic reference book*. Springer, ed., 2012.

P.P. Claudio, V. Vogiatzi, eds. *Cutting edge therapies for cancer in the 21st century*. Bentham, 2012. In press.

P.P. Claudio and **D. Denning.**

"Nasopharyngeal carcinoma." In *Cancer Research, an encyclopedic reference book*. Springer, ed., 2012.

PEER-REVIEWED PUBLICATIONS

Anatomy & Pathology

M. Cohenford, S. Lim, C. Brown, M. Chaudhry, **Saroj K. Sigdel**, E. Bechelhimer and B. Rigas. "FT-IR Microspectroscopy of Mouse Colon Tissues: Insight into the Chemistry of Carcinogenesis and Diagnostic Potential." *The American Journal of Pathology*. Accepted for publication August 2012, published online October 2012.

R.E. Ritzmann, **S.N. Zill** and A. Büschges. "Neurobiology of Insect Walking." *Scholarpedia*. Revision in preparation, 2013.

Sasha Zill, Sumaiya Chaudhry*, J. Schmitz and A. Büschges. "Force encoding in stick insect legs delineates a reference frame for motor control." *Journal of Neurophysiology*, September 2012. *Chaudhry is a Marshall undergraduate student.

Biochemistry & Microbiology

O.M. Ballester, G. Ballester, T.R. Witte, A.J. Salazar, G. Ion, **D.A. Primerano**, G. Boskovic, **J. Denvir** and **W. Elaine Hardman.** "Inhibition of Nuclear Factor Kappa B activation in Early Stage Chronic Lymphocytic Leukemia by Omega 3 Fatty Acids." J.F. Fahrman. Accepted in *Cancer Investigation*.

A.F. Cockburn, J.M. Dehlin, T. Ngan, R. Crout, G. Boskovic, **J. Denvir, D. Primerano**, B.L. Plassman, B. Wu and C.F. Cuff. "High throughput DNA sequencing to detect differences in the subgingival plaque microbiome in elderly subjects with and without dementia." *Investigative Genetics*, September 2012.

F. Lei, Y. Yin, Y. Wang, B. Deng, **H.D. Yu**, L. Li, C. Xiang, S. Wang, B. Zhu and X. Wang. "Functional Analyses of Human and Chicken Gut Microbiotas: Chicken Microbiotas Produce Higher Levels of Volatile Fatty Acids in Vitro." *Applied and Environmental Microbiology*, August 2012.

Stephanie L. Rellick, Heather O'Leary, Debbie Pikel, Cheryl Walton, James E. Fortney, Stephen M. Akers, Karen H. Martin, **James Denvir**, Goran Boskovic, **Donald A. Primerano**, Jeffrey Vos, Nathanael Bailey, Marieta Gencheva and Laura F. Gibson. "Bone Marrow Osteoblast Damage by Chemotherapeutic Agents." *PLoS One*, February 2012.

T. R Withers, L.J. Shannon and **H.D. Yu.** "Draft genome sequence for *Pseudomonas*

aeruginosa strain PAO579, a mucoid derivative of PAO381." *Journal of Bacteriology*. In press.

Y. Yin, Y. Wang, L. Zhu, W. Liu, N. Liao, M. Jiang, B. Zhu, **H.D. Yu**, C. Xiang and X. Wang. "Comparative analysis of the distribution of segmented filamentous bacteria (SFB) in humans, mice and chickens." *The ISME Journal*. In press.

Family and Community Health

C.B. Forrest, K.B. Bevans, A.W. Riley, **Richard Crespo** and T.A. Louis. "Health and School Outcomes During Children's Transition into Adolescence." *Journal of Adolescent Health*, 2012. Pending.

W. Liaw, M. Morikawa, **J. Walden.** "Do Global Health Tracks During Family Medicine Residency Increase the Likelihood of Future Care for Underserved Populations?" *Journal of the American Board of Family Medicine*. Accepted for publication 2012.

Stephen M. Petrany. "Meaningful Scut Work." *Family Medicine*. Publication date pending.

Internal Medicine

Nutan Bhaskar, **Yousef R. Shweihat** and Thaddeus Bartter. "The Intubated Patient with Mediastinal Disease - A Role for Esophageal Access Using the Endobronchial Ultrasound Bronchoscope." *Journal of Intensive Care Medicine*, August 2012. Epub ahead of print.

M.M. Blatter, N.P. Klein, J.S. Shepard, M. Leonardi, S. Shapiro, M. Schear, **Maurice A. Mufson**, J.M. Martin, M. Varman, S. Grogg, A. London, P. Cambron, M. Douha, O. Nicholson, C. da Costa and B.L. Innis. "Immunogenicity and Safety of Two Tetravalent (Measles, Mumps, Rubella, Varicella) Vaccines Co-administered with Hepatitis A and Pneumococcal Conjugate Vaccines to Children Twelve to Fourteen Months of Age." *Pediatric Infectious Disease Journal*, August 2012.

L. Dial, J. Xie and **J.I. Shapiro.** "The tradeoff between natriuresis and cardiac and renal fibrosis." *Journal of Hypertension-Open Access*, 2012. In press.

L. Goebel, George Yousef. "Hidden Clues to Diagnosing Nutritional Deficiencies." *Medscape*, February 2012.

L. Goebel and G. Yousef. "Vitamin C Deficiency in an Anticoagulated Patient."

Awards & Honors continued from page 16

Journal of General Internal Medicine, November 2012.

B. Joe and **J.I. Shapiro**. "Molecular mechanisms of experimental salt-sensitive hypertension." *Journal of the American Heart Association*, 2012. In press.

M. Li, L. Vanella, Y. Zhang, M. Shi, T. Takaki, **J.I. Shapiro** and S. Ikehara. "Stem cell transplantation increases antioxidant effects in diabetic mice." *International Journal of Biological Science*, 2012.

H. Liu, **E.R. Blough**, R. Arvapalli, Y. Wang, P.J. Reiser, S. Paturi, A. Katta, R. Harris, N. Nepal and **Miaozong Wu***. "Regulation of contractile proteins and protein translational signaling in disused muscle." *Cellular Physiology and Biochemistry*, Oct. 20, 2012. *Corresponding author.

Maurice A. Mufson, J.B. Hao, R.J. Stanek, **N.B. Norton**. "Clinical features of patients with recurrent invasive *Streptococcus pneumoniae* disease." *American Journal of Medical Sciences*. April 2012.

J.I. Shapiro and **L. Dial**. "How Safe Is Unilateral Nephrectomy?" *Hypertension*. October 2012.

A.H. Tzamaloukas, D. Malhotra, B. Rosen, D.S.C. Raj, G. Murata and **J.I. Shapiro**. "Principles of management of severe hyponatremia." *Journal of the American Heart Association*. In Press.

G. Yousef, P. Sovani, S. Devabhaktuni and **L. Goebel**. "Screening mammograms in Alzheimer's Disease patients." *West Virginia Medical Journal*, 2012.

Multidisciplinary

Rezwan Ahmed, Yousef Darrat, Mehia El-Hamdani and **Abid Yaqub**. "Acute Cardiomyopathy and Multiorgan failure in a patient with Pheochromocytoma and Neurofibromatosis type 1." *Journal of the Pakistan Medical Association*. Accepted pending publication.

Rezwan Ahmed, Stephen Petrary, Russell Fry, Michael Krasnow, DO, Ph.D. "Screening Diabetic and Hypertensive Patients for Ocular Pathology using Telemedicine Technology in Rural West Virginia: A Retrospective Chart Review." *West Virginia Medical Journal*, Jan/Feb 2013.

H. Carver, M. Studeny, T. Gress and K. Wood. "Quality Improvement in an Anticoagulation Clinic: Development of a

New Testament Protocol." *Journal of Nursing Care Quality*, April 2012.

Y. Darrat, H. Guirgis, M. El-Hamdani, S. Cansino, T. Gress and **M. Studeny**. "Outcomes of primary percutaneous intervention of the unprotected left main coronary artery stenosis in myocardial infarction." *Southern Medical Journal*. Accepted August 2012.

J. Denvir, D. Primerano, G. Boskovic, J. Fan and **J.H. Kim**. "Potential Candidate Genes for Obesity in the TALLYHO Mouse." *Obesity*, 2012.

C.A. Drummond, G. Budny, S.T. Haller, **J. Liu, Y. Yan, Z. Xie, D. Malhotra, J.I. Shapiro** and J. Tian. "Role of gender in the development of uremic cardiomyopathy following partial nephrectomy." *Journal of Hypertension-Open Access*. In Press.

Lynn Goebel, N. Norton, M. Mufson. "Immunizations for Adults and Children." *West Virginia Medical Journal*, 2012.

J.F. Fahrman, O.M. Ballester, G. Ballester, T.R. Witte, A.J. Salazar, G. Ion, G. Boskovic, **J. Denvir** and **W.E. Hardman**. "Inhibition of Nuclear Factor Kappa B activation in early stage chronic lymphocytic leukemia by omega 3 fatty acids." *Clinical Investigations*, September 2012.

V. Ferraris, S. Ferraris, **P. Wehner** and E. Setser. "The dangers of gathering data: Surgeon-specific outcomes revisited." *International Journal of Angiology*. Accepted for publication.

A. Hamo, F. Al Khitan, H. Guirgis and **P. Wehner**. "Cocaine and Hyperkalemia Unmasked the Electrocardiogram (EKG) Pattern of Brugada Syndrome." *The Internet Journal of Cardiology*, 2012.

D.J. Kennedy, Y. Chen, W. Huang, J. Viterna, **J. Liu, K. Westall, J. Tian, D.J. Bartlett, W.H.W. Tang, Z. Xie, J.I. Shapiro** and R.L. Silverstein. "CD36 and Na/K-ATPase- α 1 form proinflammatory signaling loop in kidney." *Hypertension*, 2012. In Press.

J. Liu, D.J. Kennedy, Y. Yan and **J.I. Shapiro**. "Reactive oxygen species modulation of Na/K-ATPase regulates fibrosis and renal proximal tubular sodium handling." *International Journal of Nephrology*, 2012.

M.A. Mufson, J.B. Hao, R.J. Stanek and **Nancy B. Norton**. "Clinical features of patients with recurrent invasive *Streptococcus pneumoniae* disease."

American Journal of Medical Science, April 2012.

Nancy B. Norton, R.J. Stanek and **M.A. Mufson**. "Routine pneumococcal vaccination of children provokes new patterns of serotype prevalence among adults and children." *American Journal of Medical Science*, July 2012. Epub ahead of print.

M.A. Valentovic and S. Santanam. "Nutrition, Oxidative Stress and Cancer." In *Nutrition and Cancer*, P.P. Claudio and R.M. Niles, eds., Bentham, 2012.

Neuroscience

E.C. Jauch, **C. Holmstedt** and **J. Nolte**. "Techniques for improving efficiency in the emergency department for patients with acute ischemic stroke." *Annals of the New York Academy of Sciences*, September 2012.

Obstetrics & Gynecology

J.R. Leyendecker, M. DuBose, K. Hossienzadeh, **Ryan Stone, J. Gianini, D.D. Childs, A.N. Snow, H. Mertz**. "MRI of pregnancy-related issues: abnormal placentation." *American Journal of Roentgenology*, February 2012.

Orthopaedics

M. Dietz, C. Lavender, S.E. Emery, N. Clovis, **F.D. Shuler** and J. Zuberi. "All-Terrain Vehicle-Related Orthopaedic Trauma in North Central West Virginia: An 8-year review of a Level I trauma Center." *Journal of Orthopedic Trauma*, February 2012.

J.E. Richards, M. Magill, M.A. Tressler, **F.D. Shuler, P.J. Kregor** and W.T. Obremsky. "External fixation versus open reduction and internal fixation of distal intra-articular tibia fractures." *Orthopedics*, June 2012.

F.D. Shuler, J. Conjeski, D. Kendall, J. Salava. "Understanding the burden of osteoporosis and use of the World Health Organization FRAX." *Orthopedics*, September 2012.

F.D. Shuler, J. Daigre, D. Pham and V.L. Kish. "Laser Targeting with C-arm fluoroscopy: Effect on image acquisition and radiation exposure." *Journal of Orthopedic Trauma*, July 2012.

F.D. Shuler, J. Hendrix, S. Hodroge, A. Short. "Antibiotic-like actions of vitamin D." *West Virginia Medical Journal*. Accepted for publication Jan/Feb 2013.

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Awards & Honors continued from page 17

F. D. Shuler, M. Wingate, G.H Moore, **C. Giangarra**. "Sports Health benefits of vitamin D." *Sports Health*, November 2012.

J. Xie, M.L. Praveesuda, **B. Mo**, **F.D. Shuler**. "Fabrication of nanofiber scaffolds with gradations in fiber organization and their potential applications." *Macromolecular Biosciences*, July 2012.

Pharmacology, Physiology & Toxicology

J.M. Brown, John G. Ball, Michael Scott Wright, Stephanie Van Meter and **Monica A. Valentovic**. "Novel protective mechanisms for S-adenosyl-L-methionine against acetaminophen hepatotoxicity: Improvement of key antioxidant enzymatic function." *Toxicology Letters*, August 2012.

M. Garelnabi, K. Kor, J. Jin, F. Chai and **N. Santanam**. "The paradox of ApoA5 modulation of triglycerides: Evidences from clinical and basic studies." *Clinical Biochemistry*, 2012. Revision in review.

Eunyoung Kim, Benjamin Owen, William R. Holmes and **Lawrence M. Grover**. "Decreased afferent excitability contributes to synaptic depression during high frequency stimulation in hippocampal area CA1." *Journal of Neurophysiology*, 2012. Epub ahead of print.

G.O. Rankin, S.K. Hong, D.K. Anestis, J. G. Ball and **M. A. Valentovic**. "Role of leukotrienes in N-(3,5-dichlorophenyl) succinimide (NDPS) and NDPS metabolite nephrotoxicity in male Fisher 344 rats." *Toxicology*, Epub June 2012.

N. Santanam, N. Kavatradsze, A. Murphy, C. Dominguez and S. Parthasarathy. "Antioxidant supplementation reduces endometriosis related pelvic pain in humans." *Translational Research*, 2012.

N. Santanam, B.A. Thornhill, J.K. Lau, C.M. Crabtree, C.R. Cook, K.C. Brown and **P. Dasgupta**. "Nicotinic acetylcholine receptor signaling in atherogenesis." *Atherosclerosis*, 2012. In press.

T.P. Stewart, X. Mao, M.N. Aqqad, D. Uffort, K.D. Dillon, A.M. Saxton and **J.H. Kim**. "Subcongenic analysis of *tabw2* obesity QTL on mouse chromosome 6." *BMC Genetics*, 2012.

Surgery

Antonio Cortese, Mauro Savastano, Antonio Cantone and **P.P. Claudio**. "A new palatal distractor device for bodily movement

of maxillary bones by rigid self-locking mini plates and screws system." *Journal of Craniofacial Surgery*, 2012. In press.

PEER-REVIEWED EDUCATIONAL RESEARCH PUBLICATIONS

Family & Community Health

Dilip Nair and **Richard G. Erwin MSIII**. "A Unique Global Health Elective for Pre-Clinical Medical Students." *The Journal of the International Association of Medical Science Educators*, 2012.

Multidisciplinary

Susan Jackman (Biochemistry & Microbiology) and **Dilip Nair** (Family & Community Health) published, "Immunization: Team Based Learning Exercise," *MedEdPORTAL*, selected for "Editor's Choice," a distinction awarded to only a small percentage of accepted *MedEdPORTAL* publications.

Stephen M. Petranj and T. Gress.

"Comparison of Academic and Practice Outcomes of Rural and Traditional Tracks of a Family Medicine Residency Program." *Academic Medicine*. Publication date pending.

INTERNATIONAL MEETING PRESENTATIONS

Anatomy & Pathology

A. Büschges, J. Schmitz, **Sumaiya Chaudhry** and **Shasha N. Zill**. Presented poster, "Stick insect campaniform sensilla encode load, similar to tendon organs, as the resistance to muscle contraction." Federation of European Neuroscience Societies, Barcelona, Spain, 2012.

Biochemistry & Microbiology

W.E. Hardman. "Omega 3 fatty acids and Cancer." Norwegian University of Science and Technology, Trondheim, Norway, June 2012.

W.E. Hardman. "Cancer risk: Does diet make a difference?" Invited speaker to California Walnut Commission Scientific Conference, Frankfurt, Germany, October 2012.

Donald A. Primerano. Three seminars in China: Shanghai School of Medicine,

Zhejiang Academy of Agriculture Science and Zhejiang School of Business and Commerce, December 2012.

Orthopaedics

Ali Oliashirazi took a one-week operative tour of India to teach advanced techniques of hip and knee replacement surgery and plan a roadmap to improve orthopaedic training of surgeons in India, June 2012.

J. Xie, **Bi Mo** and **F.D. Shuler**. "Biomimetic Nanofiber Scaffolds for Tendon-to-Bone Insertion Repair." ICFMEME Annual Meeting, Beijing, China, 2012.

Pharmacology, Physiology & Toxicology

Gary Rankin and **Monica A. Valentovic**. "Nephrotoxicity: A Tale of two Chemicals: Dimetachlone and Cisplatin." School of Biosystems Engineering and Food Science, Zhejiang University, May 2012.

Surgery

P.P. Claudio. "Cancer stem cells, a new prospective for treatment." Invited speaker at Head and Neck Symposium, Sorrento, Italy, June 2012.

P.P. Claudio. "Developing an Effective Targeted Gene Transfer System for Prostate Cancer with the Potential to Translate from the Laboratory to the Clinic." Target Meetings First World Molecular & Cell Biology Online Conference, February 2012.

NATIONAL MEETING PRESENTATIONS

Anatomy & Pathology

O. Akhtar, **E. Blough**, **A. Yaqub**, R. Arvapalli, S. Paturi, N. Manne, P. Herndon and **Miozong Wu***. "Effect of dimethyl sulfoxide on bone hemostasis with obesity." Presented at the American Association of Clinical Endocrinologists (AACE) Annual Meeting, Philadelphia, May 2012. *Corresponding author.

Andrea D. Belalcázar and **John Wilkinson IV**. "Transsulfuration Occurs in Human Mammary Epithelial Cells." Poster #104, Genomics Research 2012: Epigenetics World Congress, Boston, April 2012.

M. Cohenford, **Saraj K. Sigdel**, C. Brown, M. Chaudhry, C. Koontz, G. Stewart and A. Smith. "Analysis of FT-IR Microspectroscopic Signatures from Normal and Malignant Human Lung Tissues." Accepted for poster

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presentation at Pittcon 2013, Philadelphia, March 2013.

J. Schmitz, A. Büschges, **Sumaiya Chaudhry** and **Sasha N. Zill**. "Responses of stick insect tibial campaniform sensilla to muscle forces and loads and their relation to the plane of leg movement." Society for Neuroscience Abstracts, New Orleans, October 2012.

Darshana Shah. "Medical educators fellowship program 2020: Building on New Trends and Solid Foundations." Small group facilitator and program co-chair, Academy Collaborative, Association of American Medical Colleges National Meeting, San Francisco, November 2012.

Darshana Shah and Deborah Danoff, affiliate, Centre for Medical Education, McGill University Faculty of Medicine, Montreal, Quebec, Canada. Workshop presentation on "Change Management." Mid-Career Women Faculty Professional Development Seminar, Austin, Texas, December 2012.

C. Wang, **E. Blough**, R. Arvapalli, S. Paturi, N. Manne and **Miaozong Wu***. "Protective Effect of Acetaminophen on Renal Dysfunction in the Obese Zucker Rat." American Association of Colleges of Pharmacy (AACP) 2012 Annual Meeting, Kissimmee, Fla., July 2012. *Corresponding author.

Miaozong Wu, R. Arvapalli, C. Wang, S. Paturi, N. Manne, **L. Dornon**, **P. Wehner** and **E. Blough** "Acetaminophen reduces lipid accumulation and improves cardiac function in the obese Zucker rat." *American Journal of Pharmaceutical Education*, June 2012. Abstract presented at 113th Annual Meeting of the American Association of Colleges of Pharmacy, July 2012.

Sasha Zill. Department of Mechanical Engineering (talk given to Biorobotics Group), Case Western Reserve University, September 2012.

Sasha N. Zill, A. Büschges, **Sumaiya Chaudhry**, J. Schmitz. "Detecting forces in a reference frame: responses of stick insect campaniform sensilla to muscle forces and loads." Poster presented at Society for Neuroscience Abstracts, New Orleans, October 2012.

Biochemistry & Microbiology

Brooke Leaberry, Susan McCrone and **Mark Studeny**. "An Evaluation of a Telephone Intervention for Patients with Heart

Failure on 30-day Hospital Readmissions, Depression, Anxiety and Quality of Life." Poster presentation at the International Society of Psychiatric-Mental Health Nurses, Atlanta, March 2012. First Place for the 2012 Best Student Poster Award and Quality Day 2012 at SMMC.

Donald A. Primerano, G. Boskovic, J. Fan, Y. Dementieva and **J. Denvir**. "Whole Exome Sequencing Approach to Identification of Familial Combined Hyperlipidemia (FCHL) Variants." Presented as a highlighted poster at the NIH, NCRR Fourth Biennial National IDeA Symposium of Biomedical Research Excellence (NISBRE), Washington, D.C., June 2012.

Family & Community Health

James Becker. "Atypical Antipsychotic Use in the Pediatric Patient." Drug Evaluation Research Program, Oregon Health & Science University, Portland, Ore., June 2012.

James Becker. "Rocky Mountain Workshop on Evidence-based Health Care." Invited participant with scholarship support of NIH, Steamboat Springs, Colo., July 2012.

James Becker. "Data Implementation in Policy Development." MED Project at Oregon Health Sciences University, Center for Evidence-based Policy, Portland, Ore., October 2012.

Charles Clements. "Comprehensive Care for a Forgotten Population." Ohio Society for Public Health Education, Deer Creek State Park, Ohio, October 2012.

Dilip Nair. "Prevention and Treatment of Travelers' Diarrhea." *The Journal of Family Practice*. Accepted for publication.

D. Nair. "A Unique Global Health Elective for Pre-Clinical Medical Students." 2012 Family Medicine Global Health Workshop, Minneapolis, September 2012.

Kathleen O'Hanlon. "Women's Health - Depression" and "Women's Health - Fibromyalgia & Pain Management." Annual Meeting and Scientific Assembly of the North Dakota Academy of Family Physicians, Grand Forks, N.D., October 2012.

Stephen M. Petrany. "The Human Genome Project: Clinical and Ethical Implications for the Family Physician." Family Medicine Grand Rounds, University of Cincinnati, October 2012.

Stephen M. Petrany. "Innovative Curriculum: The Paul Ambrose Health Policy Residency Fellowship." The Annual Family

Medicine Residency Directors Conference and Workshop, Kansas City, Mo., June 2012.

John Walden. "Global Health in My Backyard: Health Care Needs of Refugees and Immigrants." 2012 Regional Global Health Conference: Crossing Borders and Disciplines, sponsored by the University of Kentucky, University of Cincinnati, University of Louisville, Marshall University and Eastern Kentucky University, Lexington, Ky., October 2012.

John Walden. "Twenty-five Years of Global Health Experience: Critical principles and lessons learned." *American Academy of Family Physicians (AAFP) Family Medicine Global Health Workshop*, Minneapolis, September 2012.

John Walden. "Working with Tribal Populations" and "Working With NGOs." Military Tropical Medicine course at Uniformed Services University, Bethesda, Md., August 2012.

Internal Medicine

Shannon L. Browning. Attended the American College of Physicians National Meeting, New Orleans, April 2012, and the Clerkship Directors in Internal Medicine (CDIM) National Meeting as part of Academic Internal Medicine Week, Phoenix, October 2012.

L. Goebel was a reviewer and judge at the Associates Abstracts National Competition of the American College of Physicians, 2011 and 2012.

Ahmad Nusair. 1) "Severe Sepsis." 2012 CAMC Critical Care Conference. October 2012; and 2) "Fever in the ICU." 32nd Annual Infectious Diseases Symposium. Creighton University. Omaha, Neb., April 2012

Ahmad Nusair, Shifang Ding, Singh Balwinder, Guangxi Li and Ognjen Gajic. "The Reliability and Validity of Current Ventilator Associated Pneumonia Definition." Abstract and poster presentation at the Society of Critical Care Medicine Annual Congress, Houston, 2012.

Neurology

Justin M. Nolte. "Association Between Low CBV and ICH in Acute Stroke Patients Undergoing Intra-arterial Therapy." Pending poster presentation at the International Stroke Conference, Honolulu, February 2013.

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Obstetrics & Gynecology

Brenda Dawley presented at the Tristate Perinatal Partnership Meeting, Lake Cumberland Resort, Burnside, Ky., 2012.

Ryan Stone. "Gender related effect of prenatal steroid exposure on renal angiotensin-converting enzyme 2 in fetal programmed hypertension-second hit hypothesis." Poster presentation at the Society for Gynecological Investigation 58th Annual Scientific Meeting, **San Diego**, March 2012.

Ryan Stone. "Influence of maternal serum bile acid level on fetal cardiac function as determined by Tei index in patients diagnosed with ICP." Abstract to be presented at the Society for Gynecological Investigation 60th Annual Scientific Meeting, Orlando, March 2013.

Ophthalmology

Michael A. Krasnow, D.O. Ph.D. "Anti-VEGF Therapy: New Treatments for Ocular Vascular Disease and Age-Related Macular Degeneration." National P&T Committee of Express Scripts, March 2012.

Orthopaedics

Michael Chambers. "Anterior Cruciate Ligament (ACL) Reconstruction in Obese Patients. Abstract to be presented at the American Academy of Orthopaedic Surgeons Annual Meeting, Chicago, March 2013.

Timothy A. Damron, Carlos Brown, Ara Nazarian, Vahid Entezari, Edward Cheng, Megan E. Anderson, Richard M. Terek, Albert Aboulaifa and **Felix H. Cheung.** "Ct-Based Structural Rigidity Analysis Improves Specificity and Positive Predictive Value over Mirels Classic Recommendations for Femoral Metastatic Lesions: A Multi-Institutional Msts Sponsored Study." Abstract presented at the Musculoskeletal Tumor Society, Tampa, Fla., **September 2012.**

Franklin Shuler was a table instructor for the Resident's Basic Fracture Course at the 28th National Orthopaedic Trauma Association (OTA) meeting, Minneapolis, October 2012.

F.D. Shuler. "Where Can Orthopaedic Hardware Safely Be Placed for Syndesmosis Fixation: An Anatomic Study," a paper, and, "Laser Targeting with C-arm Fluoroscopy: Effect on Image Acquisition and Radiation Exposure," a poster, to be presented at the American Academy of Orthopaedic Surgeons Annual Meeting, Chicago, March 2013.

Franklin Shuler, Bi Mo and J. Xie. "Nanofiber Scaffolds Mimicking Structural Organization of Tendon-to-Bone Insertion Site" and "Mussel Inspired Protein Mediated Mineralization of Electrospun PCL Fibers," Podium presentation at the American Institute for Chemical Engineers Annual Meeting, Pittsburgh, October 2012.

F.D. Shuler, D. Woods, Z. Tankersley, J. Jones, C. McDaniel, J. Hamm. "Anatomy of Syndesmotic Cartilage: Where can a syndesmosis screw be placed to avoid damage to the syndesmosis cartilage?" American Academy of Orthopaedic Surgeons Annual Meeting, Chicago, March 2013.

F.D. Shuler, J. Daigre, D. Pham, V.L. Kish. "Laser Targeting with C-arm fluoroscopy: Effect on image acquisition and radiation exposure." Poster to be presented at the American Academy of Orthopaedic Surgeons Annual Meeting, Chicago, March 2013.

Pharmacology, Physiology & Toxicology

Christopher Adams, Carla Cook, **T. Gress**, Nepal Chowdhury, David Francke, **Paulette Wehner** and **Nalini Santanam.** "Perivascular Fat Biomarkers and Corresponding Echocardiographic Evidence: WV-Appalachian Heart Study." Fourth Biannual National IDEa Symposium of Biomedical Research (NISBRE), Washington D.C., June 2012.

P. Dasgupta, J.K. Lau, K.C. Brown, H. Luo and Y.C. Chen. "Nicotine induces the up-regulation of alpha-7-nicotinic receptors ($\alpha 7$ -nAChRs) in human squamous cell lung cancer cells via transcriptional mechanisms." Experimental Biology Conference, San Diego, April 2012. Also selected for oral presentation at the minisymposium, "Modeling Cancer: Biological and Therapeutic Implications," American Society of Investigative Pathology Conference, San Diego, April 2012.

P. Dasgupta, K.C. Brown, H. Luo, Y.C. Chen and J.K. Lau. "Long-term exposure to nicotine upregulates expression of $\alpha 7$ -nicotinic receptor by autoregulatory mechanisms in human squamous cell lung carcinoma." Poster presentation at the Eleventh Scientific Symposium, Flight Attendant Medical Research Institute, Miami, Fla., 2012.

J. Denvir, D. Primerano, G. Boskovic, J. Fan and J.H. Kim. "Potential Susceptibility Variants for Obesity and Type 2 Diabetes in the TALLYHO Mouse." Association of

Biomolecular Resource Facilities, Orlando, March 2012.

R.D. Egleton, N.J. Proper and A.J. Marcelo. "VEGF Changes in the Diabetic Choroid Plexus." Gordon Conference on Barriers of the CNS, Colby Sawyer College, N.H., June 2012.

R.D. Egleton. "Regulation of brain endothelial phenotype and function by diabetic plasma: an update of progress." WV-INBRE Steering Committee Meeting, WVU, Morgantown, July 2012.

J.H. Kim, T. Stewart and X. Mao. "Genetic and functional evidence for a diabetes locus using reciprocal congenic mice." Keystone Symposia: Advances in Islet Biology, Monterey, Calif., March 2012.

A.J. Marcelo and **R.D. Egleton.** "The Role and Regulation of Vascular Endothelial Growth Factor (VEGF) at the Blood-Brain Barrier (BBB) in a Rat Model of Diabetes." Gordon Conference on Barriers of the CNS, Colby Sawyer College, N.H., June 2012.

B.M. Owen and **L.M. Grover.** "Biphasic changes in Schaffer collateral fiber volleys during continuous high-frequency stimulation and burst stimulation: Calcium-dependence of the early hyperexcitable phase." Annual Meeting of the Society for Neuroscience, New Orleans, October 2012.

T.B. Salisbury, D. Primerano, G. Boskovic, J. Fan, R. King and J. Denvir. "Defining the Aryl Hydrocarbon Receptor Cistrome in Human MCF-7 Breast Cancer Cells." NISBRE National IDEa Conference, Washington D.C., June 2012.

Travis Salisbury, Donald Primerano, Goran Boskovic, Jun Fan, Rebecca King and Jim Denvir. "Defining the Aryl Hydrocarbon Receptor Cistrome in Human MCF-7 Breast Cancer Cells." NISBRE National IDEa Conference. Washington D.C., June 2012.

T.B. Salisbury, G.Z. Morris, A. Chaudhry, R.C. Cook and N. Santanam. "Adipocyte secreted factors regulate aryl hydrocarbon receptor pathways in human breast cancer cells." Xenobiotic Receptor Physiological Regulators of Toxicity Conference, Pennsylvania State University, State College, Pa., July 2012.

N. Santanam. Nutritional Sciences Seminar Series, University of Kentucky, Lexington, March 2012.

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Pulmonary

Ghada Mesleh*, Fuad Zeid, **T. Gress**, Shadi Obeidat, **Nancy Munn**, **Paulette Wehner** and Abdulrahman Hamo. "Clinical Features of Congestive Heart Failure Related Pleural Effusions by Echocardiographic Classification of Ventricular Dysfunction." Abstract presented at the National American College of Chest Physicians Meeting, Chest 2012, Atlanta, October 2012. *Ghada Mesleh is a Pulmonary Fellow.

Amar Panchal*, **Yousef Shweihat** and **Ahmad Nusair**. "Capnocytophaga infection involving mediastinal lymph nodes and lung mass in a patient with a primary lung cancer diagnosed with EBUS TBNA with associated leukemoid paraneoplastic syndrome." Abstract presented at the National American College of Chest Physicians Meeting, Chest 2012, Atlanta, October 2012. *Amar Panchal is a Pulmonary Fellow.

Surgery

Flavia De Carlo, Sarah E. Mathis, Theodore R. Witte, **Elaine W. Hardman** and **P.P. Claudio**. "Eicosapentaenoic Acid Increases the Sensitivity of Colon Cancer Stem-Like Cells to Chemotherapy." Poster presented at University of Kentucky Center for Clinical and Translational Science meeting, Louisville, Ky.

Miranda B. Carper, Goran Boskovic, **James Denvir**, **Donald Primerano** and **P.P. Claudio**. "Finding a bridge that connects the p53 and pRb tumor suppressor pathways." Poster presented at University of Kentucky Center for Clinical and Translational Science meeting, Louisville, Ky.

P.P. Claudio. "Benzyl isothiocyanate targets chemoresistant and metastatic head and neck squamous carcinoma cells." Poster presented at the 2012 American Society for Nutrition (ASN) Diet and Cancer Mini-Symposium, Experimental Biology Conference, San Diego, April 2012. Third Place Award.

P.P. Claudio. "Comparison of Microbubble-Assisted p53, pRb, and p130 Gene Transfer in Combination with Radiation Therapy for Prostate Cancer." First International Symposium on NanoMedicine in Drug Delivery and Cancer Diagnosis, Newark, Del., August 2012.

Sarah E. Mathis, Jagan Valluri, Gerrit A. Kimmey, Thomas Dougherty, Candace M. Howard, Walter Neto and **P.P. Claudio**. "Personalized Chemotherapy Identified for

a Case of Progressing Spinal Ependymoma." Poster presented at University of Kentucky Center for Clinical and Translational Science meeting, Louisville, Ky.

Rounak Nande, Michael S. Gossman, Jeffrey P. Lopez, Candace M. Howard, **James Denvir** and **P.P. Claudio**. "Comparison of microbubble-assisted p53, pRb, and p130 gene therapy in combination with radiation therapy in prostate cancer." Poster presented at University of Kentucky Center for Clinical and Translational Science meeting, Louisville, Ky.

M.A. Wolf, A. Polumbo, **W.E. Hardman** and **P.P. Claudio**. "Benzyl isothiocyanate targets chemoresistant and metastatic head and neck squamous carcinoma cells." Poster presented at the ASN Diet and Cancer Mini-Symposium, Experimental Biology Annual Meeting, San Diego, April 2012. Third Place Award.

M. Allison Wolf, Allison Palumbo, **Elaine W. Hardman** and **P.P. Claudio**. "Benzyl Isothiocyanate Targets Chemoresistant and Metastatic Head and Neck Squamous Carcinoma Cells." Poster presented at University of Kentucky Center for Clinical and Translational Science meeting, Louisville, Ky.

REGIONAL MEETING PRESENTATIONS

Anatomy & Biology

Rebekah K. Sine, Morgan L. Efav*, Alison R. Williams*, **Maria A. Serrat**. "Effects of Omega-3 Fatty Acids on Bone Development." Poster presented by Rebekah Sine (Alderson-Broaddus College) at the Ninth Annual Undergraduate Research Day, West Virginia Capitol, Charleston, January 2012. Sine presented research conducted in Serrat's lab during the 2011 summer INBRE program at Marshall University. (*Marshall undergraduates)

Biochemistry & Microbiology

A.F. Cockburn, J.M. Dehlin, T. Ngan, R. Crout, G. Boskovic, **J. Denvir**, **Donald Primerano**, B.L. Plassman, B. Wu and C.F. Cuff. "Characterization of the bacterial microbiome in plaque samples by high throughput DNA sequencing." Poster presented at the WVU School of Dentistry Research Day Symposium, Morgantown, March 2012.

Donald A. Primerano. "Research Funding Opportunities Through the WV-INBRE

Program." Fourth Biennial West Virginia STaR Symposium, Institute, April 2012.

Cardiology

Christopher Adams, **Salah ElBash**, Carla Cook, **T. Gress**, Nepal Chowdhury, Caitlin Kocher, David Franke, **Paulette Wehner** and **Nalini Santanam**. "Perivascular Fat Biomarkers and 2d Transthoracic Echocardiogram - Role in Coronary Artery Disease: WV-Appalachian Heart Study." **American College of Cardiology** State Meeting, Charleston, November 2012.

Haytham Aljoudi, **Ellen Thompson** and **Chris Adams**. "Truncus Arteriosus (TA) in Older Ages and the Battle to Survive." **American College of Cardiology** State Meeting, Charleston, November 2012.

Supria Batra, MSIV, **Yousef Darrat**, **Mehiar El-Hamdani**, **Ellen Thompson** and Atef El Gassier. "A 57- year-old male patient with a vague chest pain." American College of Physicians State Meeting, Roanoke, W.Va., October 2012.

Yousef Darrat, Atef El Gassier, **Supria Batra**, MS IV, **Ellen Thompson** and **Mehiar El-Hamdani**. "Isolated Single Coronary Artery: Case Series." **American College of Cardiology** State Meeting, Charleston, November 2012.

Ashu Dhanjal, **Carrie Willis**, Gargi Bajpayee, Deanna Miller, **Ellen Thompson** and **Silvestre Cansino**. "Incidence of Infective Endocarditis in Mrsa Bacteremia in Our Regional Centers." **American College of Cardiology** State Meeting, Charleston, November 2012.

Faisal Hayat, **Melissa Lester** and **Ellen Thompson**. "Streptococcal Pharyngitis-Associated Myocarditis Mimicking as Acute STEMI." **American College of Cardiology** State Meeting, Charleston, November 2012.

Mehiar El-Hamdani. "WE ARE O.C.T" – Optical Coherence Tomography." **American College of Cardiology** State Meeting, Charleston, November 2012. El-Hamdani, who was guest speaker, is a member of the WV-ACC Council.

Osareme A. Irvibogbe and **Melissa Lester**. "Takotsubo Cardiomyopathy or Broken Heart Syndrome." **American College of Cardiology** State Meeting, Charleston, November 2012.

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Farah Al Khitan, Evert Wray, Mark Studeny and Mehiar El-Hamdani. "A case report: Entrapment of vascular sheath into previously placed StarClose device and successful retrieval." **American College of Cardiology** State Meeting, Charleston, November 2012.

Brian Price, Rameez Sayyed and Paulette Wehner. "Well-Functioning Double Orifice Mitral Valve with Associated Ostium Primum Atrial Septal Defect." **American College of Cardiology** State Meeting, Charleston, November 2012.

Courtney Saunders, A. Chagarlamundi, R.L. West and F. Cook. "Feminizing Adrenocortical Carcinoma Presenting to a Tertiary Care Center Secondary to Ventricular Tachycardia." **American College of Cardiology** State Meeting, Charleston, November 2012.

Muhammad Waqas, Paul Charles, Everett Wray. "Brugada Pattern Unmasked by Sepsis." **American College of Cardiology** State Meeting, Charleston, November 2012.

Family & Community Health

James Becker. Directed the Clinical Track breakout session, and was presenter for complex case discussion at the West Virginia Workers' Compensation Educational Program, May 2012.

James Becker. "Care Coordination for Bipolar Individuals with Chronic Hepatitis." Joint Committees on Health, West Virginia Legislature, Charleston, September 2012.

Mitch Shaver. "Treatment of Respiratory Illness for the Competitive Athlete." 26th Annual Jose I. Ricard, M.D., Family Medicine and Sports Medicine Conference, Huntington, November 2012.

Internal Medicine

Shannon L Browning. "Hematology/Oncology Update" for primary care physicians at ECCC/MU/CHH, April 2012; presenter and facilitator at the West Virginia Chief Resident Immersion Training, September 2012; facilitated and arranged for Medical Grand Rounds with pain management speaker Dr. O'Neil, August 2012.

Larry Dial. "Breast Cancer Screening Guidelines." Panel member, American College of Physicians Regional Meeting, Stonewall Jackson Resort, Roanoke, W.Va. October 2012.

Henry Driscoll. "Diabetic Neuropathy: Various Presentations of a Complication of High Blood Sugar." Presentation at MU Diabetes Support Group, Chertow Diabetes Center, October 2012.

Henry Driscoll. "Neuropathy and Diabetes." Presentation at Thomas Memorial Hospital Patient Education Day, South Charleston, April 2012.

Yousof Elgaried and **Ahmad Nusair.** "Anticoagulation Management Dilemma." Abstract and poster presented at American College of Physicians West Virginia Chapter Annual Meeting, Roanoke, W.Va., 2012.

L. Goebel. "Hematology Oncology Update for the Primary Care Physician. What have we learned?" Harless Auditorium, Huntington. Speaker and planning committee member, April 2012.

R. Hawarny, **Guillermo Madero, A. Coustasse, S. Neitch.** "West Virginia Nursing Homes: Are they up to the Standard?" Poster presented at the 2012 West Virginia Geriatrics Society State Chapter Meeting, and the Resident Poster Competition at the American College of Physicians West Virginia Chapter Annual Meeting, Roanoke, W.Va., 2012.

Guillermo Madero. "Dementia." Chief Residents Immersion Training in Care of the Elderly (CRIT) meeting on Spring Glades Resort, Daniels, W.Va., 2012.

Shirley M. Neitch has presented at least two topics yearly, usually "Cardinal Manifestations of Disease in the Elderly" and "Assessment of Elderly Drivers," at various venues throughout West Virginia, including Charleston, Beckley, Martinsburg, Morgantown and Bridgeport.

Shirley M. Neitch. "Advanced Geriatrics Educators Skills." Steering Committee member and faculty for AGES presentations, coordinated by West Virginia Geriatrics Education Center annually since 2005.

Shirley M. Neitch. "Alzheimer's Basics for West Virginia Physicians." Blanchette Rockefeller Neurosciences Institute Alzheimer's Outreach and Registry Program (WV AORP) at Central West Virginia Medical Society, Flatwoods, W.Va., April 2012.

Shirley M. Neitch. "Behavioral and Psychological Symptoms in Dementia." West Virginia Academy of Family Practice Annual Meeting, Charleston, April 2012.

Shirley M. Neitch. "Caregiver University." Presentations with the Alzheimer's Association to address patients' caregivers' education and stress relief needs. Princeton, April 2012; Charleston, June 2012; Petersburg, June 2012; Belpre, Ohio, June 2012; Lewisburg, July 2012

Shirley M. Neitch. "Chief Residents Immersion Training in Care of the Elderly (CRIT)." PI, steering committee and faculty for CRIT program. Moderator, small group facilitator and lecturer for the "Dementia, Discharge Planning and Decision-Making" modules, Glade Springs, Daniels, W.Va., September 2012.

Shirley M. Neitch. "Ethical Issues in Complex Transitions of Care." West Virginia Network of Ethics Committees 25th Annual Symposium, Stonewall Resort, Roanoke, W.Va., May 2012.

Shirley M. Neitch. "Falls in the Elderly." Videotaped lecture for use in recurring RHEP Geriatric Education sessions, February 2009. Live presentation at Southwestern Virginia Mental Health Institute, Marion, Va., April 2012, and Appalachian Regional Activities Professionals Annual Meeting, Chilhowie, Va., October 2012.

Shirley M. Neitch. "Five Things You Must Know About Alzheimer's." Modified version presented at Hospice of Huntington Symposium, October, 2012.

Shirley M. Neitch. "Health Literacy and Cultural Competency in Medical Practice." Requested by WVU-Morgantown Psychiatry Residency Program as Grand Rounds, April 2013.

Shirley M. Neitch. "Meetings Become Electric!" Women in Medicine and Science Inaugural Leadership Forum, Huntington, May 2012.

Shirley M. Neitch. "Sensory Changes of Aging." Appalachian Regional Activities Professionals Annual Meeting, Chilhowie, Va., October 2012.

Shirley M. Neitch. Support Group meeting presentations at Cabell Huntington Hospital Alzheimer's Disease Support Group, October 2012.

S.R. Nickels, Y. Etman, **Y.R. Shweihat** and J.D. Miles. "Hashimoto's Encephalopathy." West Virginia Chapter Scientific Meeting, October 2012, Roanoke, W.Va.

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Yousef Hattab and **Yousef Shweihat**. "PFT and Lymphangitic Carcinomatosis." West Virginia Chapter Scientific Meeting, October 2012, Roanoke, W.Va.

Yousef Hattab, Mohammed Al-Ourani and **Yousef Shweihat**. "Sinusitis Is Not Always Simple!" West Virginia Chapter Scientific Meeting, October 2012, Roanoke, W.Va.

Yasser Etman and **Nancy Munn**. "Primary Malignant Tracheal Tumor." West Virginia Chapter Scientific Meeting, October 2012, Roanoke, W.Va.

A. Lataifeh, M. Al-Ourani, **T. Gress, Y. Shweihat** and F. Zeid. "Safety of Clopidogrel in horacentesis." West Virginia Chapter Scientific Meeting, October 2012. Roanoke, W.Va. Won first prize for oral presentation.

Obstetrics & Gynecology

William Burns. "PCOS by the Books, by the Books of Your Possible Ob-Gyn Board Examiner." Third Annual Junior Fellow Ob-Gyn Symposium, Stonewall Resort, Roanoke, W.Va., March 2012.

David Chaffin. "Opiates in Pregnancy." West Virginia Alcohol and Addictions Counselor, American Congress of Obstetricians and Gynecologists, West Virginia Chapter, Junior Fellow Symposium, Stonewall Resort, Roanoke, W.Va. October 2012

Brenda Dawley made presentations to the legislature on teen pregnancy; the Family Practice Conference, November 2012; multiple Perinatal Partnership meetings; the Tobacco Cessation Counseling and Healthcare Providers; and "Prevention of unplanned pregnancy;" 2012.

David Jude. "Breast Cancer Screening." American College of Physicians, West Virginia Chapter, Stonewall Resort, Roanoke, W.Va., October 2012.

David Jude. "Fetal Death." Grand Rounds presenter, Charleston Area Medical Center, Charleston, 2012.

David Jude. "Teen Pregnancy." West Virginia Legislature Health and Human Resources Committee, 2012.

Ophthalmology

Charles Francis spoke to senior citizens at Bison Senior Center about cataracts, May 2012; to seniors at Westmoreland about cataracts and glaucoma, June 2012; to seniors at Atkins and Rollins on macular degeneration, July 2012; and to seniors at

Salt Rock about cataracts and glaucoma, September 2012.

Russell Fry. "Treatment of Glaucoma." 26th Annual José I. Ricard, M.D., Family Medicine & Sports Medicine Conference, Huntington, November 2012.

Hani Alkankan, **Rezwan Ahmed, Russell Fry, Michael Krasnow, D.O. Ph.D.** "The Role of Optical Coherence Tomography in Diagnosing Amiodarone Induced Optic Neuropathy." Poster presentation, West Virginia State Meeting of the American College of Physicians, Roanoke, W.Va., October 2012.

Orthopaedics

Justin Daigre, **Franklin D. Shuler** and **Danh Pham, MSIV**. "Laser Targeting with C-Arm Fluoroscopy: Effect on Image Acquisition and Radiation Exposure." Podium, 29th Annual Meeting of Southern Orthopaedic Association, Greenbrier Resort, White Sulphur Springs, July 2012.

Franklin Shuler was co-chairman for the Second Annual Marshall University Arthroplasty Course: "Controversies and Technological Advances in Primary & Complex Hip & Knee Replacement," and a moderator and presenter on periprosthetic fractures. The Greenbrier, White Sulphur Springs, May 2012.

F.D. Shuler. "Fun in the sun – an Update on Vitamin D." Keynote speaker, Cabell County Medical Society, Guyan Country Club, Huntington, May 2012.

F.D. Shuler. "Take Charge of Your Bone Health." Keynote speaker, Cabell Huntington Hospital's Seniorfest, September 2012.

F.D. Shuler, J. Daigre, D. Pham and V.L. Kish. "Laser Targeting with C-arm fluoroscopy: Effect on image acquisition and radiation exposure." 29th Annual Meeting of Southern Orthopaedic Association, Greenbrier Resort, White Sulphur Springs, 2012.

F.D. Shuler and Matt Wingate. "Sports Health Benefits of Vitamin D." Podium, West Virginia Orthopaedic Society Meeting, Stonewall Jackson Resort, Roanoke, W.Va., April 2012.

Pharmacology, Physiology and Toxicology

G.O. Rankin. Focal Group member on the WVSU STEM Program, West Virginia State University, September 2012.

B.A. Thornhill, K.C. Brown, J.K. Lau, T.R. Witte, **W.E. Hardman**, H. Luo, Y.C. Chen

and **P. Dasgupta** (faculty mentor). "Anti-angiogenic activity of MG624, an alpha7-nicotinic receptor antagonist in human small cell lung cancer." Cell Development and Differentiation Center (CDDC) Research Retreat, Marshall University, (2012).

Franklin Woode, Ben Owen and **Lawrence M. Grover** (faculty mentor). "Do Voltage-Gated Calcium Channels Cause Axon Hyper-Excitability During High-Frequency Activity?" Presented at WV-INBRE Annual Symposium, Morgantown, July 2012.

Surgery

P.P. Claudio. "Stem Cells and Cancer Stem Cells: Therapeutic Implications." West Virginia Medical Society, Guyan Country Club, 2012.

Rounak Nande, **P.P. Claudio** et al. Four-poster presentations at First Appalachian Regional Conference, Charleston, 2012. "Comparison of Microbubble-Assisted p53, pRb, and p130 Gene Transfer in Combination with Radiation Therapy for Prostate Cancer." Poster Presentation Overall Award, First Place. Sarah Mathis et al. "Personalized Chemotherapy Identified for a Case of Progressing Spinal Ependymoma." Poster Presentation Award, First Place.

M.A. Wolf, A. Polumbo, W.E. Hardman and **P.P. Claudio**. "Benzyl isothiocyanate enhances chemosensitivity and decreases migration of head and neck squamous carcinoma cells." Poster at Cell Differentiation and Development Center (CDDC) Minisymposium, Huntington, 2012. First Place Award.

Lawrence M. Wyner. "Prime Rib, Poker and Your Prostate," Ebenezer Medical Outreach lecture, Huntington, September 2012.

STUDENT, RESIDENT & STAFF ACCOMPLISHMENTS

Students

Rachel Edwards, MSIV, Katherine Blair, MSIV and **Darshana Shah** presented their IRB-approved poster, "WIMS Inaugural Leadership Forum: An Exploratory Study," at the peer-reviewed poster session, Group on Women in Medicine and Science (WIMS) Research Forum, American Association of Medical Colleges (AAMC) Annual Meeting, San Francisco, November 2012.

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Residents

Kimberly Becher participated in a health care forum at the White House June 2012. Kimberly was the only West Virginia doctor present and one of eight members of the American Academy of Family Physicians (AAFP) to be invited. She then served on the Governmental Advocacy Commission for one year, and this work led to her receiving the Dr. Paul Ambrose Health Policy Fellowship this year.

Dana Eilen, Joan Viksjo, M.Ed. and **Darshana Shah.** "Multidisciplinary Perceptions of the Efficacy of Physician to Physician Transition of Care: *Current Practice and Changes in Perceptions Post Policy Intervention.*" Podium presentation at the national meeting of American Academy on Communication in Healthcare (AACH), October 2012.

Staff

Amy Smith, R.N., B.S.N., et al. "Foundations of SP Methodology." 11th Annual Association of Standardized Patient Educators Conference: Impacting Global Healthcare through Scholarly Standardized Patient Simulation in San Diego, 2012.

Amy Smith, R.N., B.S.N. "Debriefing and Providing Feedback." Co-presented with a peer from Berlin, Germany, in November 2012 at the Third Swiss Conference on Standardized Patients and Simulation in Health Care in Lausanne, Switzerland.

Jennifer Plymale, M.A., and **Debbie Curry.** "Health Care Careers." West Virginia State Health Occupations Students of America (HOSA) Annual Conference, March 2012.

Jennifer T. Plymale, M.A., and **Debbie Curry.** "The Living Laboratory as an Education Hub." Student Success Summit, Morgantown, August 2012.

NEWSWATCH

Anatomy & Pathology

Darshana Shah published, "Success Comes with Balance and Collaboration," in the national quarterly newsletter of Group on Women in Medicine and Science, *GWIMS Watch*, Summer 2012.

Marjorie Jenkins and **Darshana Shah** published, "Empowering Women in Academic Health Centers; Past, Present and Future," *GWIMS Watch*, Winter 2012.

Orthopaedics

F.D. Shuler. "Reaching & Teaching Millennials Learners." Webinar with David H. Roberts, September 2012.

Franklin Shuler was featured in an article by John Cannell, M.D., "Effects of vitamin D: Potential impact on West Virginia disease morbidity." Vitamin D Council website, August 2012.

Pharmacology, Physiology & Toxicology

Piyali Dasgupta. "Research involving diabetic retinopathy." WOWK-TV, Jan. 14, 2012. <http://www.wowktv.com/video?clipId=6638047&autostart=true>.

Surgery

P.P. Claudio: Clark Davis. "New study may aid treatment of cancer." *West Virginia Public Broadcasting.* April 2, 2012. <http://www.wvpubcast.org/newsarticle.aspx?id=24574>.

P.P. Claudio: Tiersa Davis. "Marshall University study may lead to advancement in prostate cancer treatments." WOWK-TV. March 21, 2012. <http://www.wowktv.com/story/17210933/marshall-university-study-may-lead-to-advancement-in-prostate-cancer-treatments>.

Faculty Mentor Matching Initiative Coming Soon!

PEN CONTACT INFORMATION

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