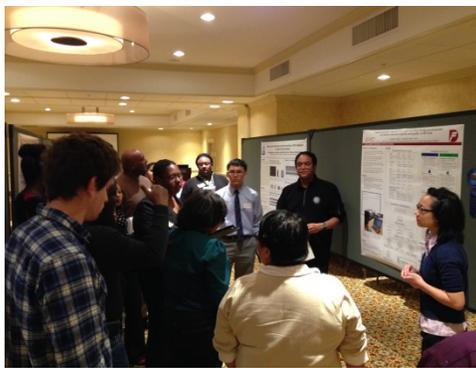


FASEB MARC STUDENT PREPARATION AND MENTORING WORKSHOP ABRCMS 2015 (NOV 10-14) – SEATTLE, WASHINGTON



FASEB MARC Program's photos during the Pre-Conference Preparation Workshop at ABRCMS 2013, including one of the workshop participants who won a "Best Presentation" award at ABRCMS 2013.

PARTICIPATING FASEB MARC PEER & FACULTY MENTOR BIOSKETCHES



SARAH DEEMER: Sarah Deemer is a Ph.D. candidate in the Department of Kinesiology at Texas Woman's University in Denton, Texas. She is completing her dissertation research under the guidance of Dr. Kyle Biggerstaff and Dr. Vic Ben-Ezra. Sarah's dissertation is focused on the mechanisms by which sprint interval training can lead to augmented weight loss (compared to endurance training) in women. More specifically, she is examining the role of growth hormone and epinephrine and how changes in secretion of these hormones regulate lipolysis from adipose tissue. Sarah's research interests further include the influence of omega-3 fatty acids on insulin sensitivity and adipocytokine production, as well as other nutrition- or exercise-related interventions aimed at reducing the risk of development of type 2 diabetes and metabolic disease, particularly in minority populations.

Sarah completed her B.S. and M.S. degrees at the University of Texas at El Paso where she became involved in research as an undergraduate student under the mentorship of Dr. George King. Sarah is an active member in the American College of Sports Medicine (ACSM), the American Physiological Society (APS), and the American Society of Nutrition (ASN) and has presented her research at several regional and national conferences.

"I am honored to be asked to represent FASEB MARC as a peer mentor, and am excited about the opportunity to mentor and share my love of science and the scientific process with like-minded students!"

JAMES FELLS, PhD: Dr. James I. Fells, Sr. is a Senior Scientist at Merck & Co. in Structural Chemistry. He was the first African American to be awarded a doctorate in chemistry from the University of Memphis in 2007. His dissertation was supported by an American Heart Predoctoral Fellowship to study the role of lysophosphatidic acid in cardiovascular disease. During his postdoctoral training at the University of Tennessee Health Sciences Center, he earned an American Cancer Society Postdoctoral Fellowship to develop small molecules targeting the lysophosphatidic acid signaling axis. Dr. Fells received several accolades during his academic training, including numerous travel awards, FASEB MARC Postdoctoral Professional Development and Enrichment Award along with the Postdoctoral Scholar Research Integrity Ambassador Award from the Department of Health and Human Services Office of Research & Integrity.





L'AURELLE JOHNSON, PhD: Dr. L'Aurelle A. Johnson is an Assistant Professor in the Department of Experimental and Clinical Pharmacology, at the University of Minnesota, College of Pharmacy. Dr. Johnson was a K12 scholar from 2007-2011 specializing in pediatric pharmacology. As a K12 scholar she earned a MS in Clinical Research in 2008. During that time Dr. Johnson's research program focused on the effect of disease on drug metabolism and disposition in children which was characterized by three themes. The first theme focused on the identification of human oxidative enzymes, conjugative enzymes, and drug

transporters that are altered during childhood obesity. This work received national publicity in Parents Magazine (October 2011 issue) and was highlighted on WebMD. The second theme utilized animal models of obesity to determine the mechanisms by which drug metabolism enzymes and transporters are altered in the presence of obesity. Her final research theme focused on developing an in vitro system to predict in vivo drug CL in humans with disease. Recently Dr. Johnson has transitioned from conducting laboratory based research to take on a new role as Diversity Liaison within the College of Pharmacy at the University of Minnesota. In addition to her new administrative responsibilities, Dr. Johnson engages in scholarly activity as an educator and mentor for the graduate and professional programs within the College of Pharmacy. She also serves as course director for courses within the professional and graduate program within the College of Pharmacy. Dr. Johnson is a former MARC program scholar, and graduated Cum Laude with a Bachelor of Science degree in Biochemistry and honors in chemistry from Xavier University of Louisiana in 2000. In 2005, she received her Ph.D. in Pharmacology from the University of Michigan where she studied amphetamine's regulation of the dopamine transporter. While at the University of Michigan, she was President of the Association of Multicultural Scientist during 2002-2003. Dr. L'Aurelle Johnson is currently a member of the American Society for Pharmacology and Experimental Therapeutics (ASPET).

MICHELLE JUAREZ, PhD: Michelle Juarez is an Assistant Medical Professor in the Sophie Davis School of Biomedical Education at City College New York. Originally from Los Angeles, CA, she obtained a BS in Plant Biology from University of California, Berkeley. The first in her family to go to graduate school, she obtained her PhD in Genetics from the State University of New York, Stony Brook. Dr. Juarez is a member of the American Society for Cell Biology (ASCB), the Society for Developmental Biology (SDB), and the Genetics Society of America (GSA). Her teaching interests include Medical Microbiology and Immunology. Her research interests include Drosophila developmental genetics, as it relates to regulation of tissue repair and inflammation.



LEECOLE LEGETTE, PhD: Dr. LeeCole Legette is a PhD nutritionist and food scientist with expertise in assessing effects of dietary bioactives (xenobiotics) on health as well as research experience in basic metabolism, food science, nutrition, molecular biology, nutritional biochemistry, and scientific evaluation of nutritional studies (health claim substantiation). She is currently working as a senior research nutritionist for a leading nutritional product brand (Nature Made®) and oversees scientific communication, education and innovation for several key several Nature Made® product segments and platforms including: Beauty, Botanicals, B vitamins, Daily Packs, Joint Health, Minerals, Skin Health, and VitaMelts®.

Dr. Legette received her BS in Food Science with an emphasis on food microbiology from Cornell University in 2005. She completed her graduate work at the Purdue University - University of Alabama Birmingham Botanical Center and earned her PhD from Purdue University examining the role of soy isoflavones on bone and heart health in post-menopausal rodent model in 2010. Preliminary postdoctoral exploratory work, at the Linus Pauling Institute, Oregon State University, on hop prenylflavonoids and metabolic disorders led to her receiving an NIH T32 postdoctoral award to conduct clinical work assessing the impact of hop botanicals on metabolism utilizing metabolomics. Following her postdoctoral studies, she entered the dietary supplement industry with a position at Pharmavite LLC and currently works on Nature Made & SoyJoy supplement brands.

Her areas of research interest include: metabolic diseases, natural product efficacy & safety, and phytochemicals. She has technical expertise in the following: animal models, botanicals, bone, health claim substantiation, mass spectrometry, metabolic disease, natural products chemistry & metabolism, nutrition, and

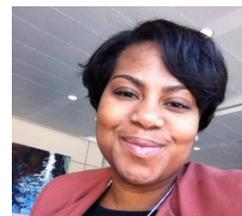
pharmacokinetics/pharmacodynamics studies. Dr. Legette is currently a member of two FASEB societies: American Society of Nutrition (ASN) and American Society of Pharmacology & Experimental Therapeutics (ASPET).



VERONICA LOPEZ, PhD: Dr. Veronica Lopez obtained her Ph.D. from UC Davis in 2005 in Nutrition. After completing graduate school, she continued her research at UC Davis and Pennsylvania State University. Currently, Dr. Lopez teaches at Cosumnes River College. She is committed toward sharing her enthusiasm for the study of Nutrition and helping students fulfill their highest potential.

Dr. Lopez was the first in her family to attend college. Therefore, fully appreciates many of the unique challenges facing many first-generation students, those from working-class, minority and other under-represented backgrounds. She was very fortunate to have mentors that invested in her success. Recognizing the invaluable resource a mentor-mentee relationship can be she is committed to motivate and provide guidance to the next generation of young scientists. More importantly, she is dedicated to be a positive steward for her community and for her students. Dr. Lopez has served on the Los Rios 2015 Chicana/o & Latina/o Recognition Ceremony Planning Committee and currently serves on the Faculty Senate at Cosumnes River College.

CHLOE POSTON, PhD: Chloe Poston is a proud graduate of Clark Atlanta University, where she earned a B.S. in Chemistry. Throughout her matriculation at CAU, Chloe served in leadership positions in several organizations including the honors program, the chemistry club, and the National Society of Black Engineers (NSBE). Chloe has performed undergraduate research at The Georgia Institute of Technology, The University of Pennsylvania, and Brown University.



Dr. Poston earned both her Masters and Doctoral degrees in Chemistry from Brown University. Her thesis research was focused on mass spectrometry-based proteomic analysis of the mitochondrial-associated endoplasmic reticulum (MAM). Her work highlighted the connections between the role of calcium trafficking from the ER to the mitochondria and neurodegenerative disease. During her studies at Brown, Chloe served as the President of the Nabrit Black Graduate Student Association, the Chair of the Graduate Students of Color Conference, and a member of the university Diversity Advisory Board.

During her Post-Doc at Eli Lilly and Company in the biological mass spectrometry group, Dr. Poston explored her interests in science policy, diversity, and education through her blog, The Poston Collective. Dr. Poston expanded on these interests as an AAAS Science and Technology Policy Fellow at the National Science Foundation where she focuses on projects related to scientific communication and broadening participation in science. Currently, she is the Policy and Communications Manager for the Genetics Society of America. Dr. Poston firmly believes in mentoring and looks forward to assisting burgeoning scientists in their careers.



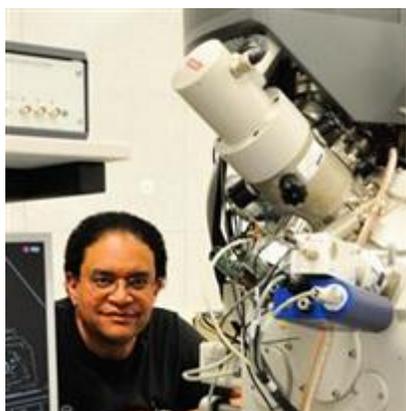
JANICE S. REUBEN: Janice Reuben is a program management specialist and the Senior Associate for Programs and Outreach at the University of Michigan Center for the Education of Women (CEW) in Ann Arbor. Ms. Reuben is responsible for the implementation and administration of more than 50 professional development programs and special events each year at the Center. She also manages the Women of Color Task Force, a staff development network that provides professional development and mentoring opportunities for women of color staff, and hosts the largest staff development conference at the University of Michigan (U-M). She is currently a senior team member of the U-M Career Development Passport 2.0 Project, a nationally recognized and award-winning human resources development project sponsored by the U-M's University Human Resources office. Prior to coming to the University

of Michigan, she was a senior project manager for Motivational Educational Entertainment (MEE), a minority-owned social marketing and consulting firm that specializes in developing public health education campaigns. Ms. Reuben has a B.A. in history (with a minor in biology), and is pursuing a graduate certification in human resource management.



JAYNE S. REUBEN, PhD: Dr. Jayne Stewart Reuben is a Clinical Associate Professor and founding faculty member in the Department of Biomedical Sciences at the University of South Carolina School of Medicine (USCSOMG) in Greenville, SC. Prior to joining the USCSOMG faculty in September 2011, Dr. Reuben was an Assistant Professor in the Department of Biomedical Sciences at Baylor College of Dentistry—a component of the Texas A&M Health Science Center where she served as the course director for graduate pharmacology and all dental pharmacology courses. Her list of leadership activities extends from her postdoctoral and graduate school days. Dr. Reuben is the current Chair-Elect for

the American Society for Pharmacology and Experimental Therapeutics (ASPET) Division for Pharmacology Education. She was recently accepted into the Association of American Medical Colleges (AAMC) Mid-Career Minority Faculty Development program and has served as a member of the Board of Trustees for her undergraduate institution, Converse College, since 2012. As a postdoctoral fellow at the University of Michigan in the Department of Pathology, Dr. Reuben was elected to the National Postdoctoral Association (NPA) Executive Board and served on the NPA Diversity Committee. She earned her doctorate in Pharmaceutical Sciences with a specialization in Pharmacology and Toxicology from Florida Agricultural and Mechanical University (FAMU) College of Pharmacy and Pharmaceutical Sciences. Dr. Reuben is the recipient of awards and fellowships from many organizations including UNCF-MERCK, the American Foundation of Pharmaceutical Education, the Delores A. Auzenne Foundation, and the FAMU Faculty Development Program. In addition, Dr. Reuben has worked as an MCAT/DAT/OAT instructor and curriculum adviser for Kaplan, Inc. and as a biologist in the Neuroimmunology branch at the NINDS. She is a member of the FASEB MARC Advisory Board and has published articles on recruitment and retention of underrepresented groups into the health sciences. Her research in the field of inflammation has been published in numerous dental and medical journals including the Journal of Immunology and LANCET. She has presented her work at the American Association for Dental Research, the Society for Neuroscience, the American Society for Neurochemistry and Experimental Biology meetings. A long-time diversity and student advocate, Dr. Reuben conducts workshops on career opportunities for biomedical PhDs and presentations for students interested in science and health careers.



EDUARDO ROSA-MOLINAR, PhD: Eduardo Rosa-Molinar, Ph.D. is a Senior Scientist and the Director of the Microscopy and Analytical Imaging Resource Core Laboratory at The University of Kansas (<http://mai.ku.edu/eduardo-rosa-molinar-phd>). Dr. Rosa-Molinar is also a Courtesy Professor in the Department of Pharmacology and Toxicology, School of Pharmacy, The University of Kansas (<http://pharmtox.ku.edu/all-faculty>) and Group Leader of the Biological Imaging Group. Dr. Rosa-Molinar was until recently (i.e., June 2015) a tenured Professor of Integrative Anatomy and Neurobiology, University of Puerto Rico-Rio Piedras, San Juan Puerto Rico. Dr. Rosa-Molinar is a Professor (adjunct), Institute of Neurobiology, Puerto Rico Center for Environmental Neuroscience, University of Puerto Rico-Medical Sciences (<http://neuro.rcm.upr.edu/about-in/directory>), and an Associate Scientist (adjunct), The Eugene Bell Center for

Regenerative Biology and Tissue Engineering, Marine Biological Laboratory (<http://www.mbl.edu/bell/current-faculty/adjunct-visiting-faculty/>). Dr. Rosa-Molinar's research is in the area of circuit neuroscience and nano-neuroscience. He uses new contrast mechanisms of optical- and electron-based nano-scale imaging modalities and develops multi-scale multi-modal labeling workflow using neural tract-tracing and nano-materials to image and study the nano-scale architecture and connectivity of gap junction-coupled-microcircuits ("microconnectomics").



SHERRI-GAE SCOTT, PhD: Dr. Sherri-Gae Scott is the Grants Proposal Manager at the Federation of American Societies for Experimental Biology (FASEB). She received her Ph.D in Cellular and Molecular Medicine (Department of Surgery) from the Johns Hopkins University School of Medicine in 2010. Prior to joining FASEB, she was a postdoctoral fellow in the Department of Medicine at the Johns Hopkins University School of Medicine.

In her current position, Dr. Scott is responsible for the sponsorship and grant administration portfolios of the 70 FASEB Science Research Conferences (SRCs) and other meetings. She works with both academic and industry scientists [conference

organizers] in identifying and navigating new sources of funding as well as current ones. This includes federal and non-federal grant applications, program and financial reporting, negotiating with potential sponsors, developing sponsor incentive packages, reviewing contracts and agreements, developing strategic plans to accomplish financial [sponsorship] goals etc. Dr. Scott is actively developing strategies to recruit and retain junior trainees for the conference series, as well as initiating and developing innovative multi-media advertising and marketing strategies for the FASEB SRCs.

Dr. Scott has years of experience in laboratory and project management, demonstrating skills in increasing efficiency, organizing, training, motivating and managing personnel. She also has extensive leadership experience having served as the Director of Mentoring/Networking Relations (Minority Postdoctoral Alliance), Volunteer Service Chair (Minority Postdoctoral Alliance), Volunteer Community Service Chair and Mentor (Biomedical Scholars Association), Public Relations, Volunteer Activities Coordinator and Student Assistance Representative (Graduate Student Association), among others in various organizations at the Johns Hopkins School of Medicine. Dr. Scott holds Certificates in Research Leadership (Johns Hopkins University School of Medicine) and Bioscience Management (Keck Graduate Institute of Applied Life Sciences). She is a member of the National Postdoctoral Association and the National Grants Management Association. Dr. Scott has an active interest in the Business of Science and issues that contribute to the lack of retention and progression of individuals at all levels in the STEM fields.



KENNIE SHEPHERD, PhD: Dr. Kennie Raviie Shepherd is an Assistant Professor in the department of Pharmacology and Toxicology at Morehouse School of Medicine, Atlanta, Georgia. He received his Ph.D. in toxicology from Florida A & M University (FAMU). At FAMU, he found that two pesticides, paraquat and methyl parathion, increased methylation and induced biochemical and behavioral deficits similar to those seen in Parkinson's disease (PD). He completed a postdoctoral fellowship in the department of Developmental Neurobiology under Richard Smeyne. At St. Jude, he received training in neurogenetics, and studied mouse strain susceptibilities to the experimental PD-inducing agent, MPTP. He then completed a second postdoctoral fellowship at Emory University, Atlanta, GA, under Gary Miller in the department of Environmental Health and the Center for Neurodegenerative Disease. At

Emory, he studied how reduced expression of vesicular monoamine transporters alters glia cell populations, and subsequent susceptibility of dopamine neurons to experimental Parkinson's agents. Dr. Shepherd is a member of the Society for Neuroscience, Society of Toxicology, the American Society for Neurochemistry and the American Society for Pharmacology and Experimental Therapeutics. He has served as a reviewer for several journals including *Brain Research*, *Developmental Brain Research*, *Molecular Brain Research*, *Neurotoxicology*, *Toxicology and Applied Pharmacology*, and *Neurochemical Research*.



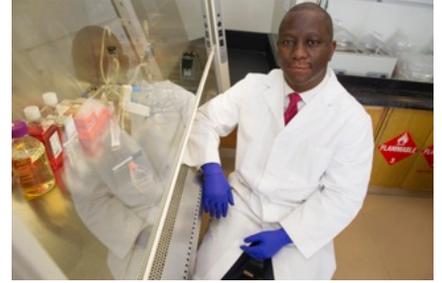
APRIL JOY STULL, PhD, RD: Dr. Stull is an Assistant Professor in Nutrition and Diabetes, and also a Registered Dietitian at Pennington Biomedical Research Center (PBRC) in Baton Rouge, LA. Her research focuses on botanicals and their impact on improving cardiometabolic risk factors. Specifically, Dr. Stull and her research team have found that consuming bioactives in blueberries for 6 weeks improved insulin sensitivity (*Journal of Nutrition*, 2010) and endothelial function (*Nutrients*, 2015) in an obese population with pre-diabetes and hypertension. Dr. Stull has a K01 grant from NIH National Center for Complementary and Integrative Health to continue her blueberry research.

Dr. Stull earned her B.S. in dietetics from Southern University A&M College (Baton Rouge, LA) and Ph.D. in Nutrition Science with a minor in Gerontology from Purdue University (West Lafayette, IN). Her graduate training was followed by a NIH T32 postdoctoral fellowship at PBRC. Dr. Stull is very involved in many different professional organizations, such as the American Society for Nutrition (Chair 2013-2014, Young Professional Interest Group), American Diabetes Association, and Network of Minority Health Research Investigators.

Dr. Stull is very grateful for the FASEB MARC Program, which has been instrumental in her professional development. As a graduate student, she was a recipient of numerous travel awards to present her research data at Experimental Biology. As a postdoctoral fellow, she was honored with the Postdoctoral Professional Development and Enrichment Award. This award recognized highly promising postdoctoral scientists that

demonstrated research productivity. In addition, she attended the grant writing seminar (travel award recipient), which contributed to the success of receiving her first funded NIH grant. In her spare time, she enjoys traveling, scrapbooking, and spending time with family and friends.

BOLAJI THOMAS, PhD: Dr. Bolaji Thomas is currently an Associate Professor of Immunology and Molecular Biology in the Department of Biomedical Sciences, Rochester Institute of Technology in Rochester, New York. Dr. Thomas received his Ph.D. in Medical Parasitology from the University of Lagos, Nigeria, in 2001 and did advanced postdoctoral research at the Drexel University College of Medicine and University of Pennsylvania School of Medicine. Current research projects in his laboratory are focused on genetic deconvolution of sickle cell pathophysiology, expression profiling of persistent parasitemia in chronic leishmaniasis and metagenomics of lesion microbiota in acute and chronic leishmaniasis. He has received several awards including the American Association of Immunologists Minority Scientist Travel Awards, Alpha Sigma Lambda Excellence in Research Award, The Wellcome Trust Travel Award, Marine Biological Laboratories Fellowship and UNDP/World Bank/WHO Special Program for Research and Training in Tropical Medicine Travel awards. He is a member of several scientific societies including The American Association of Immunologists, the American Society for Tropical Medicine and Hygiene, and the Network of Minority Research Investigators. He has been a PI or Co-PI on grants funded by the National Institutes of Health and World Health Organization, member of Editorial Boards as well as invited reviewer for several journals.



DAVID VIGERUST, PhD: Dr. David Vigerust is Chief Scientific Officer for MyGenetx Clinical Laboratories in Franklin TN and Adjunct Assistant Professor in the Department of Neurological Surgery at Vanderbilt University School of Medicine. Dr. Vigerust was born and raised in El Paso, Texas and is a first generation Mexican-American. Dr. Vigerust received his BS in Biology and chemistry, an MS in Immunology and Microbiology from Texas Tech University and his Ph.D. in Cellular and Molecular Pathology from Vanderbilt University School of Medicine. Dr. Vigerust completed postdoctoral fellowships at Vanderbilt and St. Jude Children's Research Hospital in Pediatric Infectious Disease. Dr. Vigerust was formerly full time faculty at Vanderbilt and a Health Research Scientist for the U.S. Department of Veterans Affairs. Dr. Vigerust currently maintains an active role in research and development, entrepreneurship and education to foster and promote young people who have an interest in science and technology.

Dr. Vigerust's research interests focus around areas of healthcare including pharmacogenomics, molecular diagnostics, imaging, infectious disease, oncology, innate immunity, traumatic brain injury, neuro-oncology (meningioma and glioma), neuroinflammation, neurodegeneration (ALS, Multiple Sclerosis, Muscular Dystrophy and Spinal Muscular Atrophy) and polymicrobial approaches to improved biofuels.

TRACY WOMBLE, PhD: Dr. Tracy Womble is a research associate/adjunct professor at Florida Agriculture and Mechanical University (FAMU), College of Pharmacy and Pharmaceutical Sciences, Tallahassee, Florida. A native of North Carolina, Tracy is a United States Navy veteran. He completed his B.S. in Biology and remained at FAMU and completed his Ph.D. in pharmacology/toxicology. It is here that he completed his dissertation involving the characterization of aspartate and cysteine proteases during apoptotic neurodegeneration that occurs following a stroke or cerebrovascular incident. During his postdoctoral work at the University of South Florida, College of Medicine, Dept. of Neurosurgery and Brain Repair, Tampa, Fl., he conducted research in the delivery and the separation of human umbilical cord blood cells and its components to reduce stroke damage. In 2010, Dr. Womble returned to Florida Agriculture and Mechanical University as a research associate and adjunct professor. He is presently the manager of the RCMI FAMU Proteomics Facility as well as the Imaging Facility. Dr. Womble mentors and trains graduate students in various techniques and teach pathophysiology and pharmacology to p1 and p2 pharmacy students at FAMU. He also serves as an adjunct professor at Tallahassee Community College, Tallahassee, Fl., where he teaches Anatomy and Physiology I and II lectures and labs. Presently his research investigates the proteomic analysis of



various compounds following hydrogen peroxide induced oxidative stress during neurodegeneration. Dr. Womble has published in various peer reviewed journals and has presented at numerous international conferences. He is a member of Neuroscience and The American Society for Pharmacology and Experimental Therapeutics and has proudly served as a FASEB MARC Peer Mentor since 2003.

MELO-JEAN YAP: Melo-Jean Yap is a Ph.D student in Urban Schooling at University of California, Los Angeles or UCLA's Graduate School of Education and Information Studies. A member of the Improvement By Design Lab, she hopes to become a problem solver who will contribute to advancing educational reform and improvement science in P-20 (pre-school to higher education) under the mentorship of Dr. Louis Gomez, the MacArthur Foundation Chair of Digital Media and Learning at UCLA. Having participated in UCLA's LAUSD outreach programs as a first-generational immigrant and inner-city youth, she considers going to UCLA as a homecoming. Her previous research on emerging infectious diseases and complex systems modeling gave her some insight into navigating the higher education system as a STEM scholar. Her current research interests include modeling social contagions in complex systems, advocating for inclusion and retention of women and people of color in STEM fields, developing student-centered critical pedagogical tools in classrooms, and designing learning technologies that can engage both youth and adult learners.



Prior to entering STEM education research and policy, Melo conducted biological research through NIH-funded programs such as the MARC Program and MBRS-RISE Grad, as well as EcoHealth Alliance's EcoHealthNet Exchange. She earned her B.A. in Black Studies and B.S. Physiology at San Francisco State University, where she studied amphibian disease dynamics at Dr. Vance Vredenburg's lab. Thereafter, Melo obtained her M.S. in Biological Sciences at California State University, Los Angeles, where she completed a theoretical biology master's thesis in mussel bed disturbance dynamics at Dr. Robert Desharnais' lab. Finally, EcoHealthNet exposed Melo to applied eco-epidemiology in rural Bangladesh, where she joined a team of international wildlife veterinarians in investigating an avian influenza outbreak and sampling fruit bats for Nipah virus surveillance. Melo hopes to draw from her previous training as a biologist to inform her research and advocacy for aspiring STEM students, especially women and youth of color in urbanized settings.



CECELIA C. YATES, PhD: Cecelia Yates, PhD, is an Assistant Professor is an Assistant Professor of Nursing and Pathology at the University of Pittsburgh. Dr. Yates joined the faculty at U. Pitt in 2012 after receiving her PhD in Integrative Science and Pathology from Tuskegee University, and completing her postdoctoral fellowship in Pathology at University of Pittsburgh School of Medicine. She conducts research in the field of dermatopathology and the emerging fields of stem cell biology and regenerative medicine.

Studies in Dr. Yates's laboratory are focused on dissecting the molecular and cellular mechanisms of skin remodeling and regeneration and its pathogenesis, by integrating basic science discoveries with clinical outcomes. Currently she is conducting animal and clinical patient based research that incorporates multiple disciplines in order to accelerate discovery of novel treatment strategies for fibrosis. Her group is elucidating the biological mechanism that contributes to the coordination between inflammatory responses and extracellular matrix production that leads to development and progression fibrosing diseases. she is developing small molecule therapeutics and cellular therapies to improve tissue remodeling. Dr. Yates is the co-chair of a national cell injury special interest group.

Dr. Yates is a member of two member societies of the Federation of American Societies for Experimental Biology (FASEB): American Association of Immunologists (AAI) and American Society for Investigative Pathology (ASIP) were she was selected as the ASIP Excellence in Science awardee for 2011. Dr. Yates is committed to the mentorship of young up and coming scientists and serves a peer mentor in the FASEB-MARC programs as wells as aided in the development of ASIP's trainee Newsletter. She has been a FASEB MARC faculty mentor for over 40 students. She serves on several national committees were she continues to advocate for trainees.

FASEB MARC CAREER COACHES/CAREER DEVELOPMENT CONSULTANTS BIOSKETCHES



HOWARD G. ADAMS, PhD: Dr. Howard G. Adams is Founder and President of H.G. Adams & Associates, Inc. Adams is a leading expert on mentoring and mentorship program development and has written, lectured, and consulted extensively on mentoring as an effective strategy for career, educational, and personal and professional development. He is a sought after keynote speaker and seminar presenter, having spoken at over 800 colleges and universities, numerous national conferences, and conducted training for a number of fortune 500 companies.

Adams is the author and coauthor of fifteen self-help guides and handbooks. Titles among these are: *Negotiating the Graduate School Process: A Guide for Minority Students*, 1985; *Techniques for Effective Undergraduate Mentoring* (co-authored), 1993; *Focusing on the Campus Milieu: A Guide for Enhancing the Graduate School Climate*, 1993; *Mentoring for Professional Development: Mentor/Protégé Orientation Guide*, (co-authored), 1998; *Recruiting Graduate Students: Implementing the Key "R" of Recruiting*, 1998; *Mentoring: A How-To Guide for Those Interested in Initiating a Mentoring Relationship*, 2002; *Mastering the Ph.D. Process: Tips for Surviving and Excelling in a Doctoral Program*, 2003; *The Internship Guide: A Blueprint for Successfully Managing the Internship Experience*, 2003; *Networking; The Art of Meeting and Greeting People*, 2003 (co-authored) and *The Undergraduate Research Experience: Examining Roles, Responsibilities, Strategies and Actions for Forming Effective Mentorship Alliances*, 2004. Adams has authored three books, *Get Up With Something On Your Mind: Lessons for Navigating Life*, 2002, offers some essential for living a successful and productive life; *Family Wisdom*, 2006, traces his ancestral family roots from the 1700 to the present; and his latest book, *Career Management 101: A Primer for Career and Life Goal Planning*, 2008, provides critical insights, skills, and tools to plan ones career and life to move ahead and enjoy the journey.

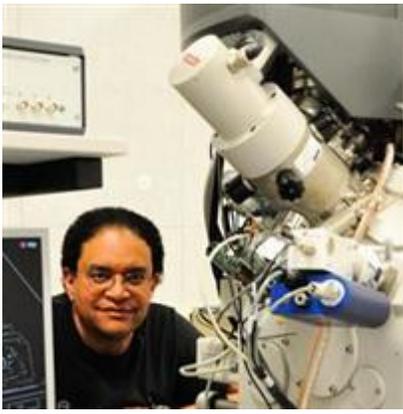
In 1989 President Ronald Reagan named Adams to the US Congressional Task Force on Women, Minorities and the Handicapped in Science & Technology. In 1996, Adams was named by President Clinton as one of the first recipients of the Presidential Awards for Excellence in Science, Mathematics, Engineering and Mentoring. He was named a "Virginia Hero" by the Virginia Heroes, Inc. in 1996; named a "20th Century Outstanding Educator" by Black Issues in Higher Education in 1999; and The National Society of Black Engineers awarded Adams its Golden Torch Award "Lifetime Achievement in Academia" in 2002. Adams was selected a "2004 Distinguished Alumnus" of Historical Black Colleges and Universities by the National Association for Equal Opportunity in Higher Education and he was named an "2004 Alumni Star" by the School of Science and Technology, Norfolk State University. In 2006 he received the QEM Catalyst in STEM award for "Broadening Participation and Effectiveness Mentoring in STEM."

From 1978 to 1994 Adams served as Executive Director of the National Consortium for Graduate Degrees for Minorities in Engineering and Science, Inc. (GEM), headquartered at the University of Notre Dame, Notre Dame, IN. Prior to joining GEM, Adams served as Vice President for Student Affairs at Norfolk State University. Adams holds a B.Sc. from Norfolk State University, M.S. from Virginia State University and a Ph.D. from Syracuse University.

ANDREW GREEN, PhD: Andrew Green earned a PhD from UC Berkeley, and has spent the past 17 years as PhD counselor/associate director at the UC Berkeley Career Center serving graduate students, PhDs, and postdocs. A survivor of the academic job market, he spent six years as a faculty member serving on search committees, before joining the Career Center. His specialty is working with grad student, PhDs and postdocs in the sciences and engineering pursuing professional opportunities in the business, government, and nonprofit sectors as well as those seeking faculty jobs.



He has given invited presentations at major scientific meetings and research universities across the country and has appeared in the *Chronicle of Higher Education*, *NatureJobs*, and *The Atlantic Online*.



EDUARDO ROSA-MOLINAR, PhD: Eduardo Rosa-Molinar, Ph.D. is a Senior Scientist and the Director of the Microscopy and Analytical Imaging Resource Core Laboratory at The University of Kansas (<http://mai.ku.edu/eduardo-rosa-molinar-phd>). Dr. Rosa-Molinar is also a Courtesy Professor in the Department of Pharmacology and Toxicology, School of Pharmacy, The University of Kansas (<http://pharmtox.ku.edu/all-faculty>) and Group Leader of the Biological Imaging Group. Dr. Rosa-Molinar was until recently (i.e., June 2015) a tenured Professor of Integrative Anatomy and Neurobiology, University of Puerto Rico-Rio Piedras, San Juan Puerto Rico. Dr. Rosa-Molinar is a Professor (adjunct), Institute of Neurobiology, Puerto Rico Center for Environmental Neuroscience, University of Puerto Rico-Medical Sciences (<http://neuro.rcm.upr.edu/about-in/directory>), and an Associate Scientist (adjunct), The Eugene Bell Center for

Regenerative Biology and Tissue Engineering, Marine Biological Laboratory (<http://www.mbl.edu/bell/current-faculty/adjunct-visiting-faculty/>). Dr. Rosa-Molinar's research is in the area of circuit neuroscience and nano-neuroscience. He uses new contrast mechanisms of optical- and electron-based nano-scale imaging modalities and develops multi-scale multi-modal labeling workflow using neural tract-tracing and nano-materials to image and study the nano-scale architecture and connectivity of gap junction-coupled-microcircuits ("microconnectomics").

NALEDI SAUL, MPM: Naledi Saul has been providing career-related counseling and programming to students and postdoctoral scholars for 20 years. She currently directs the Office of Career and Professional Development's campus-wide effort to offer tailored workshops, services and resources for trainees in the biomedical field. Naledi previously served as the Associate Director at the OCPD, and has been responsible for leading the office's career and professional development efforts for health professional students since 2001.



Naledi's area of expertise is in designing programs focused on a wide range of professional skill development, from how to supervise effectively, to how to build your network as a student or postdoc, and successfully interviewing while pregnant as a PhD. She has previously served as an Advisor to the Career Forum at Science magazine's online resource, Sciencecareers.org, and most recently was selected for the 2015 UCSF Chancellor's Award for University for Exceptional University Management.

Prior to UCSF, Naledi was an Assistant Dean of Students and Assistant Director of the Career Center at Amherst College, and an Assistant Director of the Career Development Center at Mount Holyoke College. She holds a Master of Public Management degree from the University of Maryland, College Park, and a Bachelor of Arts in History from Spelman College.

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