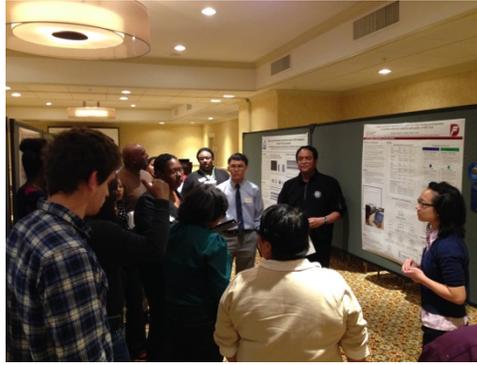


FASEB MARC PRE-CONFERENCE PREPARATION WORKSHOP ACTIVITIES AT ABRCMS 2014 (NOV 10-11)



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.

November 10, 2014 (Monday)

Faculty Mentors and Pre-Conference Workshop Students arrive/check-in

12:00-8:00 PM

Visit "FASEB MARC" Travel Award Recipients' Resource Room

Location: San Antonio Marriott Riverwalk Hotel, Room 3014

November 11, 2014 (Tuesday)

Pre-Conference Preparation Workshop for Poster/Platform Presenters

Location: San Antonio Marriott Riverwalk Hotel, Salon D

6:00-8:15 AM

BREAKFAST ON YOUR OWN (meal per diem provided with travel award)

8:30 AM

Pick-up Pre-Conference Preparation Workshop badges, packets and ribbons (for meeting badge/poster). **PLEASE ARRIVE ON TIME!!!**

8:45-9:30 AM

"The Good, the Bad and the Ugly: Elements of a Credible Presentation"

Presenter: Dr. Eduardo Rosa-Molinar, University of Puerto Rico – Rio Piedras Campus

Student Interactive Poster/Platform Presentations

(45-minute review and critique of poster/platform presentations)

9:30-10:15 AM

Poster Review/Critique: (L. Pirela)

10:15-10:30 AM

AM Break

10:30 AM-12:00 PM

Poster Review/Critique: (P. Igboeli, J. Noble)

12:00-1:00 PM

LUNCH ON YOUR OWN (meal per diem provided with travel award)

1:00-3:15 PM

Poster/Platform Review/Critique: (G. Carter, S. On, A. Maduka)

3:15-3:30 PM

PM Break

3:30-5:00 PM

Poster/Platform Review/Critique: (M. Sabir, J. Shroeder)

5:00-5:15 PM

Dr. Eduardo Rosa-Molinar's Closing Remarks/Workshop Ends at 6:00 PM

5:30-7:30 PM

FASEB MARC Board Game Social/Mixer (All FASEB MARC Travel Awardees Invited)

FASEB MARC TRAVEL AWARD RECIPIENTS ACTIVITIES AT ABRCMS 2014 (NOV 11-13)

November 11, 2014 (Tuesday)

8:00 AM-8:00 PM **Visit “FASEB MARC” Travel Award Recipients Resource Room**
- Travel Award Students arrive/check-in
- Sign-up for peer mentoring sessions/poster review & assistance
- Meet with peer mentors
Location: San Antonio Marriott Riverwalk Hotel- Room 3014

November 12, 2014 (Wednesday)

9:00-10:00 AM **FASEB MARC Travel Award Mandatory Attendance Orientation**
****** PLEASE ARRIVE ON TIME!!! ******
Location: San Antonio Marriott Riverwalk Hotel, Salon E/F
Session: “The Good, the Bad and the Ugly: Elements of a Credible Presentation”
Presenter: Dr. Eduardo Rosa-Molinar, University of Puerto Rico – Rio Piedras Campus

10:00 AM-8:00 PM **Visit “FASEB MARC” Travel Award Recipients Resource Room**
- Sign-up for peer mentoring sessions/poster review & assistance
- Meet with peer mentors
Location: San Antonio Marriott Riverwalk Hotel, Room 3014

12:00 Noon **ABRCMS 2014 Meeting Registration Opens – Henry B. Gonzalez Convention Center**

November 13, 2014 (Thursday)

8:00 AM-12:00 PM **Visit “FASEB MARC” Travel Award Recipients Resource Room**
- Sign-up for peer mentoring sessions/poster review & assistance
- Meet with peer mentors
Location: San Antonio Marriott Riverwalk Hotel, Room 3014

The FASEB MARC Travel Award Recipients’ Resource Room will close at 12 Noon on Thursday, November 13th.

FASEB MARC Staff and Faculty/Peer Mentors will be available on “FASEB Row” (aisle 200) in the Exhibit Hall at the Henry B. Gonzalez Convention Center beginning Thursday afternoon through Saturday afternoon during the scheduled times for the ABRCMS 2014 Exhibit and Poster Presentations.

Be sure to **visit the FASEB Career Corner and MARC Peer Mentoring Booth (#212-#218)** and sign-up for one-on-one career counseling sessions and resume critiques. Bring copies of your resume with you! Dr. Howard G. Adams will be signing copies of his book entitled, “*Get Up With Something on Your Mind*”.

FASEB MARC Faculty/Peer Mentors will be available to assist you with your presentations and answer questions you may have about networking at the meeting, planning for graduate school, sessions to attend at ABRCMS 2014, etc. The **FASEB Career Corner and MARC Peer Mentoring Booth (#212-218)** will be the primary contact location to connect with the faculty/peer mentors during the exhibit hall hours. Prior to the exhibit hall opening on Thursday, some of the FASEB MARC Mentors will be available on Wednesday and Thursday morning in the “**FASEB MARC Travel Award Recipients Resource Room**” located in the **San Antonio Marriott Riverwalk Hotel, Room 3014**.

Visit the “FASEB Ink” Tattoo Booth (#213-#219) to receive your “pain-free Ph.D.” and/or other fun and temporary tattoos!

LIST OF “FASEB ROW” EXHIBITORS/EXHIBIT BOOTHS

Booth#	“FASEB Row” Exhibitor
212-216	FASEB Career Corner (Career Coaches/Resume & CV Critiques/Counseling)
218	FASEB MARC Peer Mentoring (Peer Mentors, Guidance, Assistance, Advice)
213-219	“FASEB Ink” Tattoo Booth (Free Tattoos!)
220	The Association of Biomolecular Resource Facilities (ABRF)
221	American Association of Anatomists (AAA)
222	The Endocrine Society (TES)
223	The Histochemical Society (HCS)
224	Genetics Society of America (GSA)
225	The Protein Society (PS)
226	American Society for Investigative Pathology (ASIP)
227	Biomedical Engineering Society (BMES)
228	The Teratology Society (TS)
229	American Society for Nutrition (ASN)
230	American Society for Pharmacology & Experimental Therapeutics (ASPET)
231	Society for Developmental Biology (SDB)
232	The American Physiological Society (APS)
233	American Society for Biochemistry & Molecular Biology (ASBMB)

FASEB MARC Program’s photos - ABRCMS 2013 in Nashville, Tennessee



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 regulates 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!" - See more at: <http://www.faseb.org/MARC-and-Professional-Development/MARC-Peer-Mentors-Network/Sarah-Deemer.aspx>

KAMILAH GRANT, PhD: Dr. Kamilah Grant is currently a postdoctoral fellow at Tuskegee University School of Veterinary in the department of pathobiology. Her current research focuses on conducting microbiology, molecular biology and immunology focused studies related to aquatic health to develop multiple detection methods for the identification of commensal flora-derived pathogens in water and Channel Catfish (*Ictalurus punctatus*) through biochemical testing and molecular responses of fish to modulated experimental diets.

Dr. Grant obtained her PhD in Agricultural Life Sciences and Genetics from Mississippi State University in 2013. She completed both her BS and MS degrees in Animal and Poultry sciences at the prestigious Tuskegee University (TU). Upon returning to her alma mater Dr. Grant has cultivated her passion for mentorship and diversification of biological sciences by serving as co-director of Science, Technology, Engineering, Agriculture and Math (STEAM) directed summer programs for high school and community college students as well as served as mentor to undergraduates participating in the TU Integrative Biosciences Research Experience for Undergraduates (IBS-REU) summer program.

Dr. Grant has remained active with the student focused developmental programs that nurtured her into the researcher she is today. She looks forward to continuing to work the FASEB-MARC program and facilitating the personal and professional development of young scientists in the same spirit in which she mentored. - See more at: <http://www.faseb.org/MARC-and-Professional-Development/MARC-Peer-Mentors-Network/Kamilah-Grant.aspx>

L'AURELLE JOHNSON, PhD: Dr. L'Aurette A. Johnson is an Assistant Professor in the Department of Experimental and Clinical Pharmacology, at the University of Minnesota, College of Pharmacy. She also holds an adjunct appointment in the division of Pediatric Epidemiology and Clinical Research at the University of Minnesota, School of Medicine. 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. Currently, Dr.

Johnson's research program focuses on the effect of disease on drug metabolism and disposition in children which is characterized by three themes. The first theme focuses 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 utilizes 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 focuses on developing an in vitro system to predict in vivo drug CL in humans with disease. In addition to her research efforts, Dr. Johnson also engages in scholarly activity as an educator and mentor for the graduate and professional programs within the College of Pharmacy. She serves as course director for the graduate level drug metabolism and disposition course and for the graduate student professional development course. 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 from 2002-2003. Dr. L'Aurette Johnson is a currently a member of the American Society for Pharmacology and Experimental Therapeutics (ASPET) and American College of Clinical Pharmacology (ACCP). - See more at: <http://www.faseb.org/MARC-and-Professional-Development/MARC-Peer-Mentors-Network/L-Aurette-Johnson--PhD.aspx>

LEECOLE LEGETTE, PhD: Dr. Legette is a senior research nutritionist at Pharmavite with product responsibility and scientific overview for several key brands in the Nature Made brand portfolio of vitamin and mineral supplements. She received my BS in Food Science with emphasis on food microbiology from Cornell University. Dr. Legette completed her graduate work at Purdue University and received PhD in Food Science & Nutrition with an emphasis on nutritional biochemistry. She has also conducted post-doctoral work on botanicals and type II diabetes at the Linus Pauling Institute at Oregon State University and has had previous industry experience at 3M, Kraft Foods, and Nabisco. Dr. Legette has research expertise in the following areas: animal models of disease, biochemistry, botanicals, bone health, clinical studies. mass spectrometry, metabolic disease, molecular biology. nutrition, and pharmacology. She is currently a member of two FASEB societies: American Society of Nutrition and American Society of Pharmacology & Experimental Therapeutics.

Dr. LeeCole Legette has had a variety of mentoring experiences with diverse populations that enables her to serve as a great asset for the FASEB MARC Peer Mentoring Program. During her undergraduate studies, LeeCole mentored high school students (incoming college freshman) in a nanobiotechnology summer research program at Cornell University. To enhance her mentoring skills, LeeCole focused on one-on-one mentoring during her graduate studies and became involved in her departmental mentoring programs which matched undergraduate students with graduate mentors based on similar interests. In her post-doctoral work, Dr. Legette served as a committee member and honors thesis mentor for underrepresented minority students at Oregon State University (OSU) as part of the University Honors College. She also served as a faculty advisor for the Black Graduate Student Association at OSU from 2012-2014 and participates in undergraduate outreach programs such as workshops describing details for success in graduate school. LeeCole looks forward to continued engagement with students at the ABRCMS conference. - See more at: <http://www.faseb.org/MARC-and-Professional-Development/MARC-Peer-Mentors-Network/LeeCole-Legette--PhD.aspx>

KIMBERLY MULLIGAN, PhD: Kimberly Mulligan attended Florida Agricultural & Mechanical University where she received her B.S and M.S in Chemistry. After leaving Florida A&M, Kimberly pursued her Ph.D. at Vanderbilt University in the Department of Molecular Physiology and Biophysics. Her dissertation research examined the mechanism by which insulin stimulated skeletal muscle glucose uptake is impaired in the presence of inflammation. In addition to her graduate work, she was a founding member of the Alliance for Cultural Diversity in Research (ACDR) and served as the Community Outreach Chair for several years. During this time she was able to initiate key outreach activities including Family Science Night and Volunteer Scientist in the Classroom at several middle schools.

Upon completion of her graduate work, Dr. Mulligan decided to go the nontraditional route and became a Research Fellow with the Center for Science Outreach at Vanderbilt University. In this position she has been able to merge her love of science and desire to enhance STEM education at the K-12 level. In her current position, she is tasked with the development and implementation of elective scientific curriculum for interdisciplinary science programs at the high school level as well as providing professional development opportunities for teachers to foster scientific learning across curriculum. She also serves as the Program Coordinator for the Research Experience for High School Students (REHSS) which is a 6-week scientific research internship for rising high school seniors. She is currently in the process of securing funding for an afterschool STEM-focused program with the goal of eliminating the barriers to the pursuit of STEM disciplines by increasing the number of role models for underserved and underrepresented minority students. She has several publications and received travel awards which have afforded her the opportunity to present her work at a number of scientific meetings.

Dr. Mulligan is a member of the American Physiological Society, serves as the Vic-President of Lupus Detroit which is an organization dedicated to eliminating lupus as a major health problem through education, advocacy, and service, as well as an active member of the Vanderbilt University Women in Science and Engineering community service committee. She is passionate about increasing diversity in STEM disciplines and was recently honored for her mentorship of graduate students at Vanderbilt with a Distinguished Faculty Award from the Organization of Black Graduate and Professional Students. - See more at: <http://www.faseb.org/MARC-and-Professional-Development/MARC-Peer-Mentors-Network/Kimberly-Mulligan.aspx>

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. Currently, Dr. Poston is 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. She firmly believes in mentoring and looks forward to assisting burgeoning scientists in their

careers. - See more at: <http://www.faseb.org/MARC-and-Professional-Development/MARC-Peer-Mentors-Network/Chloe-Poston.aspx>

JANICE S. REUBEN: Janice Reuben is a staff development 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 leadership and professional development programs 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 Pilot Project, a nationally recognized and award-winning staff 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 certification in human resource management. - See more at: <http://www.faseb.org/MARC-and-Professional-Development/MARC-Peer-Mentors-Network/Janice-Reuben.aspx>

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. She also recruited students for the dental school and lectured in the summer pre-dental program. Dr. Reuben is a member of the FASEB MARC Advisory Board and was recently appointed to the Board of Trustees for Converse College. She was elected to the National Postdoctoral Association (NPA) Executive Board and served on the NPA Diversity Committee during her postdoctoral training at the University of Michigan in the Department of Pathology. 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 Stanley H. Kaplan, Inc. and as a biologist in the Neuroimmunology branch at the NINDS. Her research in the field of inflammation has been presented at the American Association for Dental Research, the Society for Neuroscience, the American Society for Neurochemistry and Experimental Biology meetings. Her work has been published in numerous dental and medical journals including the Journal of Immunology and LANCET. 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. - See more at: <http://www.faseb.org/MARC-and-Professional-Development/MARC-Peer-Mentors-Network/Jayne-S--Reuben--PhD.aspx>

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*. - See more at: <http://www.faseb.org/MARC-and-Professional-Development/MARC-Peer-Mentors-Network/Kennie-Shepherd--PhD.aspx>

BOLAJI THOMAS, PhD: Dr. Bolaji Thomas is currently an Associate Professor of Molecular Biology in the Department of Biomedical Sciences, Rochester Institute of Technology, 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 at the University of Pennsylvania School of Medicine. Current research projects in his laboratory are focused on genomic diversity of complement regulatory genes and sickle cell pathophysiology, comparative expression profiling of persistent parasitemia in chronic leishmaniasis, genotypic variation and allelic diversity studies of *Plasmodium falciparum* surface proteins, and immunogenomic analysis of persistent parasitic pathogens in deferred blood donors. He has received several awards relating to his academic and research endeavors including the American Association of Immunologists Minority Scientist Travel Awards, 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 for Immunology, the American Society for Tropical Medicine and Hygiene, and the Network of Minority Research Investigators. - See more at: <http://www.faseb.org/MARC-and-Professional-Development/MARC-Peer-Mentors-Network/Bolaji-Thomas--PhD.aspx>

MELO-JEAN YAP: Melo-Jean Yap is a PhD 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 amphibian infectious diseases and complex systems modeling gave her some insight into navigating the higher education system as a STEM scholar. Her research interests include networked improvement schools, STEM diversity and inclusion, education reform policy modeling, and designing learning technologies that can engage both youth and adult learners.

Prior to entering STEM education policy and improvement science research, 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 C. Yates is an Assistant Professor of Nursing and Pathology at the University of Pittsburgh. Dr. Yates conducts research in the field of dermatopathology and the emerging fields of stem cell biology and regenerative medicine/tissue engineering. Currently, she is using cell transplantation technology to correct excessive scarring and fibrosis. Her research also extends into investigations of genomic regulation of molecules that mediates the development and progression of fibrosis. She earned her doctorate in Integrative Science and Pathology from Tuskegee University, Tuskegee, AL, in conjunction with the University of Pittsburgh School of Medicine. She has been recognized by the Experimental Pathologist in Graduate Training award, European Tissue Repair Young Investigator award, and was named as the ASIP Excellence in Science awardee for 2011, as well as other training and travel awards from FASEB, ASIP, and the Wound Healing Society. Dr. Yates is a member of the American Society for Investigative Pathology, Wound Healing Society, The Endocrine Society and Sigma Xi Scientific Research Society. She serves on several national committees and is a reviewer for *Wound Repair and Regeneration* and *Acta Dermato-Venereologica*. Dr. Yates has basic research publications in the top ranked pathology journal, *The American Journal of Pathology*, and in *Wound Repair and Regeneration*, *Circulation Research*, and applied communication in *Biomaterials*. - See more at:

<http://www.faseb.org/MARC-and-Professional-Development/MARC-Peer-Mentors-Network/Cecelia-Yates-Binder--PhD.aspx>

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. - See more at: <http://www.faseb.org/MARC-and-Professional-Development/Career-Resources/Career-Coaches/Howard-G--Adams--Ph-D-.aspx>

ANDREW GREEN, PhD: Andrew Green earned a PhD from UC Berkeley, and has spent the past ten years as PhD counselor at the UC Berkeley Career Center serving graduate students, PhDs, and postdocs. A survivor of the academic job market, he spent six years at Connecticut College, serving on numerous search committees, before joining the Career Center. His specialty is working with PhDs in the sciences and engineering interested in academic and/or other professional career paths. - See more at: <http://www.faseb.org/MARC-and-Professional-Development/Career-Resources/Career-Coaches/Andrew-Green--Ph-D-.aspx>

EDUARDO ROSA-MOLINAR, PhD: Dr. Rosa-Molinar is an Associate Professor of Integrative Anatomy and Neurobiology in the Departments of Biology and Anatomy and Neurobiology, University of Puerto Rico-Rio Piedras and University of Puerto Rico School of Medicine; Adjunct Associate Professor of Neurobiology at the Institute of Neurobiology, University of Puerto Rico School of Medicine; and a Nanoneuroscientist at the Institute of Functional Nanomaterials, University of Puerto Rico-Rio Piedras. He received a BS in Natural Sciences from The University of Alabama and a PhD in Medical Sciences from the University of Nebraska Medical Center. He completed two years of post-doctoral training in the Department of Biomedical Sciences at Creighton University School of Medicine.

Rosa-Molinar's research is in the area of circuit neuroscience and nanoneuroscience. His laboratory seeks to elucidate how gap junction-mediated electrical excitatory synapses (i.e. mixed synapses) influence motor-pattern generation and coordination of spinal motor systems by visualizing the three-dimensional (3D) cytoarchitecture of mixed synapses and their *in situ* arrangements on the plasma membrane. To accomplish this, he and his team use a variety of photon-based and electron-based microscopies and develop enhanced tissue contrast techniques in combination with novel functional nanomaterials that are able to span spatial domains from sub-nanometer to microns. His laboratory is a Nikon Center of Excellence and an Andor/Bitplane Advanced Imaging Center, and he works with industry in developing new imaging techniques and approaches.

He served as Society Program Officer, Society for Integrative and Comparative Biology, 2008-2010; was a Nikon Lecturer, Chilean Society of Cell Biology in 2009; and is a member of the Committee on Animal Research, Society for Neuroscience. He is Chair of the Andor/Bitplane Advanced Imaging Centers, and a Fellow of the Royal Microscopical Society. – See more at:

http://www.frontiersin.org/people/EduardoRosa_Molinar_Ph_D_/3259/profile;

http://www.incf.org/community/people/erosa/person_view

NALEDI SAUL, MPM: Ms. Naledi Saul has been providing career-related counseling and programming to students and scholars for more than a decade. Currently, she serves as the Associate Director of the Office of Career and Professional Development at the University of California, San Francisco, where she advises graduate and professional school students, and postdoctoral scholars, on a wide variety of topics related to careers in the biomedical and health sciences.

Ms. Saul's responsibilities involve designing programs addressing a range of professional and career development skills, including oral and written communication skills, mentorship, career exploration, employment search strategies, and work/life balance issues. Her particular expertise includes working with health professionals pursuing domestic and international careers in the public health arena. She has also previously served as an Advisor to the Career Forum at Science magazine's online resource, Sciencecareers.org.

Her previous professional experience includes serving as the Assistant Dean of Students and Assistant Director of the Career Center at Amherst College, and as 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. - See more at:

<http://www.faseb.org/MARC-and-Professional-Development/Career-Resources/Career-Coaches/Naledi-Saul.aspx>