### Women’s Health Research Day Agenda

**MUSC Bioengineering Building Auditorium — April 16, 2015**

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<th>Time</th>
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| 8:30 a.m.—9:00 a.m. | **Registration & Continental Breakfast** (BEB Lobby)  
Breakfast sponsored by ARROW (MUSC Initiative for the Advancement, Recruitment, and Retention of Women) |
| 9:00 a.m. — 9:15 a.m. | **Welcome**  
**Aimee McRae-Clark, Pharm.D., BCPP** Professor of Psychiatry, MUSC  
**Welcome**  
**Tamara Nowling, Ph.D.** Assistant Professor of Rheumatology and Immunology, MUSC  
**ARROW (Advancement, Recruitment, and Retention of Women Scientists)** |
| 9:15 a.m. – 10:00 a.m. | **Morning Plenary Speaker Presentation**  
**Sharon Weissman, M.D.** Associate Professor of Clinical Internal Medicine, University of South Carolina  
**Women and HIV: Epidemiology from the world to rural South Carolina** |
| 10:00 a.m. – 10:15 a.m. | **Women’s Health Research Across South Carolina**  
**Melissa Cunningham, M.D., Ph.D.** Assistant Professor of Rheumatology and Immunology, MUSC  
**An Estrogen Receptor alpha Functional Mutant is Protective in Murine Lupus** |
| 10:15 a.m. – 10:30 a.m. | **Satomi Kohno, Ph.D.** Assistant Professor of Obstetrics and Gynecology, MUSC  
**Developmental exposure to 17α-hydroxyprogesterone caproate used for clinical prevention of recurrent preterm birth suppressed estrogen-responsiveness in murine female reproductive tract** |
| 10:30 a.m. – 11:30 a.m. | **Poster Presentations and Judging** (BEB Lobby) |
| 11:30 a.m. – 11:45 a.m. | **Andrea DeMaria, Ph.D., MS** Assistant Professor of Public Health, College of Charleston  
**Beth Sundstrom, Ph.D., M.P.H.** Assistant Professor of Communication and Public Health, College of Charleston  
**It’s Your Place: Development and evaluation of an evidence-based bystander intervention campaign** |
| 11:45 a.m. – 12:00 p.m. | **Jane Joseph, Ph.D.** Professor of Neurosciences, MUSC  
**Sex differences in intrinsic functional brain connectivity in adult smokers** |
| 12:00 p.m. - 1:00 p.m. | **Afternoon Plenary Speaker Presentation**  
**Rajita Sinha, Ph.D.** Foundations Fund Professor of Psychiatry, Neurobiology and Child Study, Yale University School of Medicine  
**Neuroscience of Stress and Adversity: Sex-Specific Effects on Addiction Outcomes** |
| 1:00 p.m. - 2:00 p.m. | **Poster Presentations**  
**Lunch Reception, Poster Presentations & Poster Awards** (BEB Lobby) |
Sharon Weissman, M.D.

Dr. Sharon Weissman is the Program Director for the Infectious Disease Fellowship and Associate Professor of Clinical Internal Medicine at the University of South Carolina. Dr. Weissman graduated medical school from Columbia University in 1991 and residency from Beth Israel Hospital in 1994. After residency, Dr. Weissman completed a fellowship in Infectious Diseases at Beth Israel Hospital-Brigham and Women’s Hospital in 1996. At the completion of fellowship Dr. Weissman joined the Division of Infectious Disease at Case Western Reserve University in Cleveland, OH. There she was Director of the HIV/Infectious Disease Clinic at the Louis Stokes Cleveland VA Medical Center. From there she joined the Infectious Disease faculty at Yale University School of Medicine. Prior to joining the faculty at the University of South Carolina Dr. Weissman was Director of HIV Services at the Hospital of Saint Raphael in New Haven, CT.

Rajita Sinha, Ph.D.

Dr. Sinha is the Foundations Fund Professor of Psychiatry, Neurobiology and Child Study at Yale University School of Medicine. She is also Chief of the Psychology Section in Psychiatry, and Deputy Director of Interdisciplinary Research at the Yale Center of Clinical Investigation (home of the Yale CTSA). She is the Founding Director of the Yale Interdisciplinary Stress Center which was established when she led an interdisciplinary group of basic and clinical scientists to set up one of the largest NIH Common Fund supported interdisciplinary research consortia grants on stress, self-control and addictive behaviors of nicotine smoking, alcohol abuse and overeating. Dr. Sinha is internationally known for her pioneering research on the mechanisms linking stress to addictive behaviors such as smoking, alcohol use and overeating. She is a much sought after speaker on stress effects on the brain, health and behaviors and she conducts workshops, lectures and retreats on stress management, self-care for the stressed professional and for senior executives, and on ways to address stress to enrich and enhance work, family and life.

Melissa Cunningham, M.D., Ph.D.

Dr. Cunningham received her undergraduate degree from Dartmouth & a Master’s degree in Molecular Medicine from Boston University. She earned her PhD (2004) & MD (2006) at The Pennsylvania State University. She then entered the ABIM’s clinician-scientist track at MUSC, where she completed her residency & fellowship training in 2012, & subsequently joined the faculty as an assistant professor in the Division of Rheumatology & Immunology. During her graduate training, Dr. Cunningham had an interest in reproductive endocrinology & ovarian physiology. Her continued interest in women’s health issues evolved into a focus on sex bias in autoimmunity. Under the mentorship of Dr. Gary Gilkeson, her research has focused on the female predominance in SLE. She investigates the role of estrogen receptor alpha on modulation of toll-like receptor signaling & the inflammatory response, with a specific interest in dendritic cells. She is currently supported by the SCTR KL2 (K12) Early Career Scholars Program.

Satomi Kohno, Ph.D.

Dr. Kohno received his undergraduate degree in Biology, his masters in Comparative Physiology, and his PhD in Comparative Endocrinology from Yokohama City University in Kanagawa, Japan. Dr. Kohno first began investigating environmental endocrine disruptors (EDCs) during his studies in Japan, clarifying the potential effect and mechanism of EDCs in a variety of vertebrates. As a postdoctoral associate and an assistant scientist at University of Florida, he extended his research to include the effects of environmental contaminants observed in the development of American alligators living in the wild. Dr. Kohno’s work includes the development of effective methods for quantification and analysis of gene expression patterns altered by steroid hormones or EDCs.

Andrea DeMaria, Ph.D., MS

Dr. DeMaria (Ph.D., Texas A&M University; M.S., University of North Texas) is an Assistant Professor at the College of Charleston and Co-Director of the Women’s Health Research Team (WHRT). The WHRT’s mission is to investigate health issues specific to women and adolescent girls, promote interdisciplinary research collaborations, and communicate research findings and health-related information to empower women and girls in our community, South Carolina, and beyond. Dr. DeMaria also currently serves as the Interim Associate Director of the Women’s and Gender Studies Program, and instructs undergraduate courses in the undergraduate Interdisciplinary Public Health Program at the College of Charleston. She currently holds an adjunct faculty appointment within the Department of Public Health Sciences at the Medical University of South Carolina.

Beth Sundstrom, Ph.D., M.P.H.

(Ph.D., University of Maryland; M.P.H., Brown University) is an Assistant Professor of Communication and Public Health at the College of Charleston. She is a member of the graduate faculty, University of Charleston, South Carolina and the Co-Director of the Women’s Health Research Team (WHRT). The WHRT collaborates with students, researchers, clinicians, practitioners, and women’s health organizations to conduct innovative praxis-oriented research that bridges the gap between theory and practice, informing the development of community-based public health interventions and communication campaigns. Dr. Sundstrom’s research interests include health communication, social marketing, and women’s health.

Jane Joseph, Ph.D.

Dr. Joseph is a Professor and Director of the Neuroimaging Division in the Department of Neurosciences. She received her Ph.D. in Psychology from the University of Virginia followed by postdoctoral training at Georgetown University. Dr. Joseph’s research characterizes functional brain organization for cognitive and affective processing as applied to a range of neurodevelopmental, neurological and psychiatric disorders, including autism, Alzheimer’s Disease and drug abuse vulnerability. Dr. Joseph’s lab has been funded by grants from the National Science Foundation, the National Institutes of Health, and Autism Speaks. She is currently serving on the Editorial Board for *Neurolmage* and the *Journal of Neuroscience Methods* and has served as a grant reviewer for the National Science Foundation and National Institutes of Health.