

The MD/PhD Program Invites You to Attend:

3rd Annual Symposium for the Advocates of Women Physician Scientists

May 14, 2016

Keynote Speaker
Dr. Anna Han, NIH



Bioengineering Building 112

8:00 – 8:30 **Registration and Breakfast**

8:30 – 9:00 **Welcome and Introductions**

9:00 – 9:45 **Balancing Research and Clinical Responsibilities: The Ultimate Tight Rope**

Satish Nadig, MD, PhD, MUSC

10:00 – 10:45 **Resolving Our Differences: Finding Success in Conflicts**

Jamie Mills, MSTP-5th year, MUSC

11:00 – 12:00 **Keynote address**

Great Minds Think Differently:

The Science of Diversity and the Impact of Unconscious Bias

Anna Han, PhD, NIH

Senior Behavioral Scientist & Senior Policy Advisor



12:00 – 1:15 **Lunch and Networking**

1:15 – 2:00 **What to Know About Leading Physician-Scientists**

Tim Keogh, PhD, Citadel

2:15 – 3:00 **Biographical Sketches: Where Presentation is (Almost) Everything and Content is King**

Joann Sullivan, PhD, MUSC

3:15 – 4:00 **Poster session with refreshments (BE Lobby)**

4:00 – 5:00 **Panel Discussions (BE201/BE112)**

A: Choosing a mentor and surviving the grad years

B: Finding success in residency and early career

5:00 – 7:00 **Happy Hour and Networking (Storm Eye Institute 8th Floor)**

Questions? Contact Jamie Mills millsjn@musc.edu 843-876-2405

Registration:



Symposium Parking and Campus Map



Parking for the symposium is located in the **President Street Garage** at 91 President Street (President St between Cannon St and Bee St). A parking pass is required. There are several one-way streets in the area and google maps will likely take you to the wrong location. Driving directions are provided below. You do not need to display anything on your vehicle in order to park here.

Directions from US-17 North: After Crossing the Ashley River Bridge, keep right to continue onto Cannon Street. Turn right onto President Street. Garage entrance is immediately on the right.

Directions from I-26 East: Follow I-26 as it becomes Septima Clark Parkway/US-17 South. Make a slight right on Sheppard St then turn left onto Rutledge Avenue. Turn right on Bee Street. Turn right on President Street. Garage entrance is immediately on the left.

From the garage: walk down President Street toward Jonathan Lucas Street. The symposium is being held in the **Bioengineering Building** at 68 President St (corner of President and Jonathan Lucas). The main entrance is on the Jonathan Lucas St side.

MUSC students can obtain an after-hours parking pass by visiting the Office of Parking Management located in this parking garage on the second floor. These passes must be obtained prior to the symposium date (office hours M-F 8:30-4 pm) but can be used beyond the symposium date upon request.

3rd Annual Symposium for Advocates of Women Physician Scientists

Speaker Information



Satish Nadig, MD, PhD is an Assistant Professor in the Department of Surgery, Division of Transplant Surgery, and Department of Microbiology and Immunology at the Medical University of South Carolina (MUSC). He received his BA in Biology and Anthropology from Washington University in St. Louis, MD from MUSC, and PhD in Transplant Immunology at the University of Oxford. He trained in general surgery at Beth Israel Deaconess/Harvard Medical School and in transplant surgery at the University of Michigan. He has served as a mentor for medical and graduate students, residents, and fellows, and has recently received a prestigious K08 clinical scientist development award. In addition to his academic career, he is also co-founder and Chief Medical Officer of ToleRaM Nanotech, pursuing targeted nanoparticle delivery of rapamycin to enhance transplant tolerance. Dr. Nadig also

continues to be involved in promoting entrepreneurship, research, and development within MUSC and the state of South Carolina.

Jamie Mills is a 5th year MSTP student (MS-2; GS-3) at the Medical University of South Carolina (MUSC). She completed her BS in Biology at California State University, Chico and is currently completing her graduate studies in breast cancer genomics and epigenetics in the laboratory of Dr. Stephen Ethier, Department of Pathology and Laboratory Medicine at MUSC. In addition to her involvement in the MSTP Admissions Committee and MUSC Graduate Council, Ms. Mills co-founded the MUSC MSTP Women's Advocacy Group in 2014 and is serving as President of this organization. She received the Hollings Cancer Center Abney Foundation Scholarship in 2013 and the Kinard-Gadsden Award for 1st Place in the PhD III Poster Presentation at the 2015 MUSC Student Research Day.



Anna Han, PhD is a senior behavioral scientist and policy advisor at NIH's Office of the Director, Scientific Workforce Diversity and her work focuses on evidence-based approaches and interventions to enhance the diversity and social inclusion of the scientific workforce. Before joining NIH, she was an Associate Professor of Psychology at St. Mary's College of Maryland, where she taught social psychology, experimental methods, and statistics. She received her Ph.D. from The Ohio State University, and her research areas include attitude and behavior change, stereotyping and prejudice, implicit/explicit biases, and implicit self-control. She has published numerous peer reviewed journal articles on these topics, especially in the domains of implicit biases, and has served on numerous grant reviews and as an expert panelist on these topics.

MAJ Timothy J. Keogh, PhD is an Associate Professor at The Citadel School of Business where he teaches Leadership Communication and Negotiations in the undergraduate and MBA programs. He is also an Adjunct Associate Professor at Tulane University's School of Medicine and Department of Health Systems Management where he directed the Master of Health Administration Program. Dr. Keogh received his Ph.D. in English with concentrations in Linguistics and Technical Communication from Louisiana State University. Formerly, Dr. Keogh taught Management Communication at Tulane's A.B. Freeman School of Business and was Director of the Freeman School's Language Orientation Program for International MBA students. He has been a linguist in Army Intelligence, receiving a diploma in Modern Standard Arabic from the Defense Language Institute. He was a Writer/Editor for the National Institute of Education in Washington, D.C, and received a Fulbright Grant for graduate study in the humanities at the University of Strasbourg, France. He served as Manager of Corporate Training and Development at McDermott International, Inc., where he designed and taught a number of management development courses, both in the U.S. and internationally. Dr. Keogh has won numerous teaching awards, trained many physician educators, and lectured on communication and physician performance, publishing a number of articles on these topics.



Joann Sullivan, PhD is a Professor of Library Science and Informatics, Director of the Office of Research Development, and Assistant Dean in the College of Graduate Studies at the Medical University of South Carolina. Dr. Sullivan received her BS degree in chemistry at Florida State University and completed doctoral and postdoctoral studies in physical chemistry at the University of South Carolina. As a research development professional for the past 22 years, she has assisted in the coordination and submission of numerous research infrastructure grants, including institutional research training and center grants, with opportunities to appraise biographical sketches and other supporting proposal documents. Dr. Sullivan is also certified in Evaluation Practice through the Center for Evaluation Effectiveness at George Washington University. She is a member of the MSTP Steering Committee at MUSC and serves as the evaluator for the program.

Panel Discussion Information

Please select one of the following two panel discussions to attend. This session is designed as an audience-driven Q&A opportunity to gain information most relevant to your stage of training, interests, and unique personal and professional situation.

Panel A: Choosing a Mentor and Surviving the Grad Years

BEB 201; 4-5 pm

This panel will primarily focus on the first half of the traditionally-structured MSTP, addressing issues such as laboratory rotations, selecting a mentor, staying clinically-oriented during grad school, and work-life balance during these years of training.

Panel members:

Josh Brown, MD, PhD

MUSC PGY2 Neuro-Psychiatry Resident

Ashley Cowart, PhD

MUSC Associate Professor, Biochemistry and Molecular Biology

Ed Krug, PhD

MUSC Associate Dean for Postdoctoral Affairs

Rick Schnellman, PhD

MUSC Distinguished University Professor, Pharmacology

Audrey Verde, MD, PhD

UNC, MSTP year 8, matched to Radiology at Stanford

Tina Zhang (almost) MD, PhD

MUSC, MSTP year 8, matched to Pediatrics at MUSC

Panel B: Finding Success in Residency and Early Career

BEB 112; 4-5 pm

This panel will primarily focus on the second half of the traditionally-structured MSTP and beyond, addressing issues such as selecting your specialty and residency training track, finding mentors in residency and fellowship, work-life balance during these years of training, negotiating, non-academic career options, and acquiring skills to successfully navigate the transitional stages between student and faculty.

Panel members:

Steven Carroll, MD, PhD

MUSC Professor and Chair, Pathology & Laboratory Medicine

Gary Gilkeson, MD

MUSC Professor, Rheumatology

Michele Hutchison, MD, PhD

MUSC Associate Professor, Pediatric Endocrinology

Loretta Jophlin, MD, PhD

MUSC Fellow, Gastroenterology

Lynn Perry, MD, PhD

MUSC Assistant Professor, Ophthalmology

Poster Presentations

1. Glycated-albumin induced RPE barrier breakdown is mediated by HDAC6
Danielle Desjardins, MUSC
2. Extracytoplasmic sigma factor V regulates expression of dlt in response to lysozyme in *Clostridium difficile*
Emily Woods, Emory University
3. Using a computational model of cardiac fibroblast signaling to predict drugs against pathologic remodeling
Angela Zeigler, University of Virginia
4. Targeting post-ischemic neo-epitopes and complement activation promotes neuroprotection in chronic experimental stroke
Farris Langley, College of Charleston and MUSC
5. IFN γ interferes with adenosine receptor signaling to prolong pro-inflammatory macrophage activation
Amanda Ward, University of Virginia
6. Targeted inhibition of alternative complement pathway provides protection and promotes recovery in chronic phase of ischemic stroke
Meredith Andersen, College of Charleston and MUSC
7. Development of novel penicillin binding protein 2 (PBP2) inhibitors and drug candidates for penicillin- and cephalosporin- resistant *Neisseria gonorrhoeae*
Jonathan Turner, MUSC
8. Structure-dependent β 2 adrenergic receptor agonists induce mitochondrial biogenesis through the G β γ -Akt-eNOS-cGMP pathway
Robert Cameron, MUSC
9. Neutrophil elastase potentiates human prostate cancer growth in mouse models
Irina Lerman, University of Rochester
10. A novel and translational approach to target post-ischemic neo-epitopes and inhibit complement activation in the ischemic brain
Ali Alawieh, MUSC
11. Restoration of the bone marrow microenvironment improves hematopoietic function in a murine model of myelodysplastic syndrome
Allison Li, University of Rochester
12. WHSC1L1 is a driving oncogene in ER positive breast cancer
Jamie Mills, MUSC
13. Immune checkpoint inhibition and radiotherapy in soft tissue sarcoma
Amy Wisdom, Duke
14. Dual inhibition of FLT3 and Src pathways by ON150030 as a novel strategy for AML therapy
Heyla Ghaffari, Icahn School of Medicine at Mount Sinai
15. A novel E1 binding mode reveals a dual regulatory mechanism of Ub E2 activity
Katelyn Williams, MUSC
16. Understanding Breast Cancer Heterogeneity through Personalized *Drosophila* Models
Jennifer Diaz, Icahn School of Medicine at Mount Sinai
17. Women in MSTP at ISMMS
Jennifer Diaz, Icahn School of Medicine at Mount Sinai
18. UNC AMPWIS
Audrey Verde, MD, PhD, UNC-Chapel Hill

Attractions

King Street

King St

King Street is Charleston at her best! Check out the Upper King St for dining and Lower King St for fashion and antiques.

Water Front Park

1 Vendue

One of the peninsula's most-visited parks with a great view of the harbor. Check out the Vendue/Pineapple fountain!

Historic Charleston City Market

188 Meeting St

A historic market complex in downtown Charleston, South Carolina. Established in the 1790s, the market stretches for four city blocks from the architecturally-significant Market Hall, which faces Meeting Street, through a continuous series of one-story market sheds, the last of which terminates at East Bay Street.

Charleston's French Quarter District

135 Church St

The most romantic of Charleston's districts with great historic sites.

The Battery

2 Murray Blvd

A landmark defensive seawall and promenade with a great view of the harbor and grand antebellum homes.

Marion Square

329 Meeting St

Greenspace downtown that accommodates a number of different activities, including a popular farmer's market, a fountain, a performance area and a number of historic monuments.

Eateries

39 Rue de Jean 39 John St
\$\$ French, Brasseries

The Alley 131 Columbus St
\$\$ Sports bar with bowling

Bay Street Biergarten Pub
549 E Bay St
\$\$ German Pub

Big Gun Burger 137 Calhoun St
\$\$ Burgers

Butcher & Bee 1085 Morrison Dr
\$\$ Sandwiches, Southern, Fast Food

Cocktail Club 479 King St
\$\$ Lounges, American (New), Cocktail

Cru Café 18 Pinckney St
\$\$ American Comfort food

Cypress 167 E Bay St
\$\$\$ American

Fleet Landing 186 Concord St
\$\$ Seafood

Fuel 211 Rutledge Ave
\$\$ Caribbean, Burgers

Gaulart & Malicet 98 Broad St
\$\$ French

The Gin Joint 182 E Bay St
\$\$ Modern American Cocktail Pub

Kaminsky's 78 N Market St
\$\$ Coffee & Tea, Desserts, Ice Cream & Frozen Yogurt

Kudu Coffee 4 Vanderhorst St
\$ Coffee & Tea, Bars Edit

Hall's Chop House 434 King St
\$\$\$\$ Steakhouse, Seafood

Hominy Grill 207 Rutledge Ave
\$\$ Southern, Brunch, American

O-Ku 463 King St
\$\$ Sushi Bars, Japanese

Persimmon Café 226 Calhoun St
\$ Cafe, Sandwiches, Soup

Proof 437 King St
\$\$ American, Lounges, Cocktail Bars

The Rarebit 474 King St
\$\$ Modern American, Breakfast & Brunch, Cocktail

Southend Brewery & Smokehouse 161 E Bay St
\$\$ American, Brewery

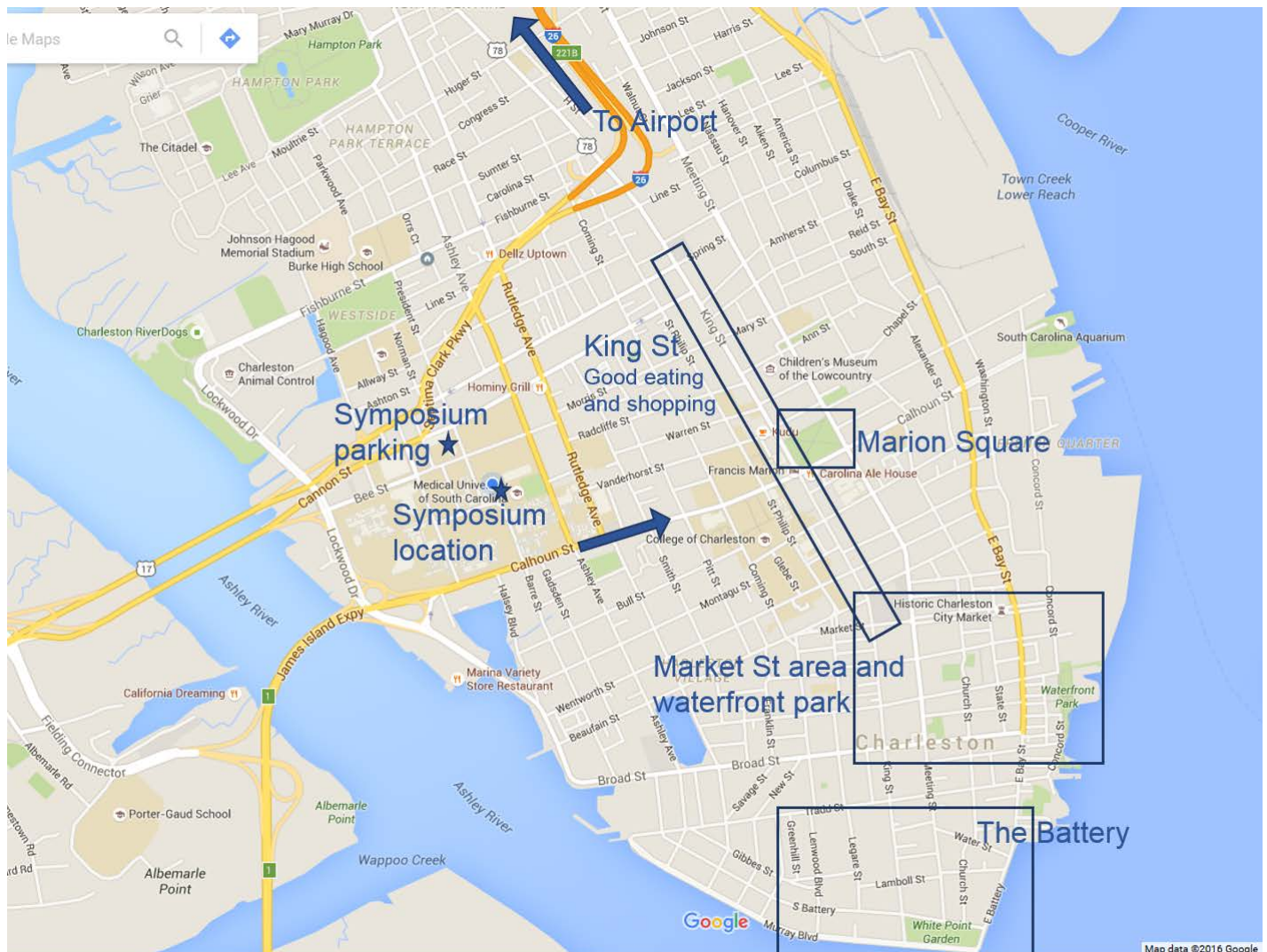
For the Annual Symposium for Advocates of Women Physician Scientists, May 14, 2016 in Charleston
(adapted from Yelp and Wikipedia)

A brief collection of areas of the city to explore and excellent restaurants here in Charleston. If there is something specific you are looking for, please reach out to one of the conference hosts for additional suggestions. King Street has several dining options along its length not listed above and is within walking distance of campus.

****We STRONGLY recommend** making reservations for dinner(s) during your stay in Charleston!

Please drink responsibly. Charleston Green Taxi is available by calling (843)819-0846.

Charleston City Map and Areas to Explore



The best parts of Charleston are located within walking distance of campus by walking down Calhoun St toward King St. Parking is also available downtown, both at metered spots and in parking garages located sporadically throughout the peninsula.

For additional attractions or restaurant recommendations, please contact Jamie Mills (millsjin@musc.edu) or visit the Charleston Visitors Center at 375 Meeting St; (843)774-0006.