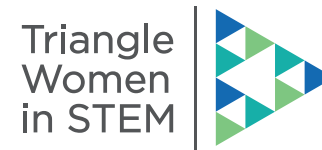


## SPECIAL THANKS TO OUR PARTNERS & SPONSORS



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# Girls STEM Day @ Duke University



**Saturday, May 18<sup>th</sup>, 2019**

**8:00AM – 2:00PM**

## CONNECT WITH US!



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## Girls STEM Day Planning Committee



**Sondra Rivers**  
STEM Day Lead  
(Credit Suisse (retired))



**Erin Buckman**  
(Credit Suisse)



**Laura Downie**  
(Fidelity)



**Kimla Lee**  
(Red Hat)



**Holly Leddy**  
(Duke)



**Rachel Mackintosh**  
(Credit Suisse)



**Edna Morales**  
(IBM)



**Tsegga Medhin**  
(Credit Suisse)



**Michelle Mitchell**  
(MCNC)



**Jessie Tenebaum**  
(Duke)



**Victoria Thio**  
(IBM)



**Heather Vincent**  
(Duke)



**Ellery Ward**  
(Biogen)

Not Pictured: Laura Lee Davis (Girl Scouts NC Coastal Pines)

## Triangle Women in STEM Steering Committee



L-R Back: Susan Lankford (NCBC); Michael Pittman (former member); Joan Nelson (IBM), Co-Lead; Maria Walden (Lonovo); Sondra Rivers (Credit Suisse-Retired); Terri Mitchell (IBM-Retired); Laura Downie (Fidelity); Front: Audrey Manicor (BCNC); Gail Green (WakeTech); Nan Jokerst (Duke), Co-Lead; Jyotika Sharma (Biogen). Not Pictured: Agnes Litak (Credit Suisse); Kate Baldwin (Cisco); Caitlin Murphy (Biogen); Pat Parker (UNC-CH); Shayesteh Sims (MetLife)

## MANY THANKS TO OUR VOLUNTEERS!

*Heartfelt thanks to our amazing team of volunteers for their commitment to impact and inspire the next generation of “young women in STEM”. The volunteers represent more than 40 organizations in the Triangle region. —Sondra*

Zaineb Abdeally, Cortech  
Veronica Adams, Biogen  
Soman Aidasani, Duke  
Bilikis Akindele, GSK  
Kavita Aladar, Cigna  
Alonzo Alexander, NCSU  
Vidisha AP, Cortech  
Nizi Azeez, Fidelity  
Pooja Basu, Duke  
Sharlene Batts, Extron  
Nikki Bowen, Credit Suisse  
Deidra Bowen, Jones Lang LeSalle  
Shery Boyles, Meredith  
Shelby Brewer, NYU  
Sandra Brindis, Cortech  
Torie Broer, Duke  
Erin Buckman, Credit Suisse  
D'shawna Burwell, NCCU  
Anna Campbell, Oak City Marketing Agency  
Heather Chandler  
Ashlesha Chaubal  
Demetris Cheatham, Red Hat  
Erika Chelales, Duke  
Anne Corbett, NCSU  
Kelly Curtin, Fidelity  
Yannet Daniel, Duke  
Aditi Dighe, Duke  
Laura Downie, Fidelity  
Vishwani Dua  
Alicia Eatmon, Grifols  
Kolanthia Edmondson  
Maya Evanitsky, Duke  
Audrey Ford, Blue Cross NC  
Aba Forson, Credit Suisse  
Mallory Foutch  
Mattie Gaddy, NCSSM  
Niti Goel  
Audra Goldstein, RTI  
Anisha Gulabani, Fidelity  
Monika Gulleddge, RTI  
Leonie Hayles, Pfizer  
Alexandra Henriques, NCSU  
De'Janel Henry, NCCU

My Ha Hoang  
Marie Hopper, First NC  
Janeth Jekpogei  
Anamika Jha, Credit Suisse  
Olivia Johnson  
Nan Jokerst, Duke  
Katherine Jordan, Duke  
Neda Kazemi, Credit Suisse  
Melissa Kerr, Duke  
Bridget Ketron, Light House Lab Services  
Marlee Krieger, Duke  
Isabell Krueer, Merz  
Holly Krueger, Red Hat  
Victoria Kumar, Red Hat  
Caitlin Kurtz, Biogen  
Holly Leddy, Duke  
Kimla Lee, Red Hat  
Annie Lin, BD  
Agnieszka Litak, Credit Suisse  
Tim Liu, UNC-CH  
Amelia Lobo, Cortech  
Maya Logan, UNC-CH  
Sara Mackenzie, NCSU  
Rachel Mackintosh, Credit Suisse  
Ashton Madison  
Audrey Manicor, Blue Cross NC  
Sriya Mantena, Cortech  
Ritu Mathur, Independent  
Carol McIntosh, Credit Suisse  
Jenna Meanor, NCSU  
Tsegga Medhin, Credit Suisse  
Jameelah Melton, Consultant  
Laura Micek, Fidelity  
Beverly Mills, Mills Auto Group  
Michelle Mitchell, MCNC  
Brandon Moore, Biogen  
Melodie Moorefield-Wilson, Duke  
Edna Morales, IBM  
Joan Nelson, IBM  
Liz O'Gorman, Duke  
Sarah Overmann, RTHS  
Olutomi Oyelowo  
Ushma Panchal

Christa Park, Duke  
Emily Phillips  
Minakshi Pillai, UNC-CH  
Vladimir Pozdin, NCSU  
Jennifer Raisig, IBM  
Sondra Rivers, Credit Suisse (retired)  
Joanna Rudd, Credit Suisse  
Janet Saldana, Optumtech  
Eliza Salkeld, IBM  
Darek Scibior, Credit Suisse  
Khairunnisa Semesta, Duke  
Imari Simmons  
Elizabeth (Liz) Simon, Fidelity  
Ferlino Smart-Monroe, Coastal Credit  
Michelle Smerek, Duke  
Sandra Stangeland, NCSU  
Barbara Stewart, IBM  
Nicole Stewart, IBM  
Lily Stewart  
Samantha Stuppy, Galaxy Diagnostics  
Michelle Suverkrubbe, SEPI Engineering  
Ratna Swaminathan, Independent  
Jessie Tenenbaum, Duke  
Victoria Thio, IBM  
Takesha Thomas, Campbell University  
Ebony Thomas, DCPS  
Ashley Thompson, MedPharm  
Alena Turner  
Cindy Uhler, Business Break-Thru  
Jacqueline Vahey, Duke  
Ananya Varahabhatla, Cortech  
Lahari Vellanki, Cortech  
Heather Vincent, Duke  
Hang Vu, Biogen  
Xinwei Wang, Credit Suisse  
Ellery Ward, Biogen  
Ayanna Webster, UNC-CH  
Michelle Wells, SAS  
Natasha Wiley, Biogen  
Tova Williams, NCSU  
Zollie Yavarow, Duke  
Amparo Zelaya, Credit Suisse

## PARENTS' FORUM (con't)

### College Preparedness & Admissions

Lead: Tsegga Medhin (Credit Suisse)



**Sara MacKenzie, M.S., Director of Operations, NCSU Admissions**

Sarah's career spans 15+ years in various Admissions roles. She is involved with various non-profits in the field and enjoys working to enhance admissions and enrollment for students & families.



**De'Janel Henry, M.Ed., Assistant Director, NCCU Admissions**

De'Janel aim is to ensure the initial presentation of NCCU mirrors the Eagle Promise with a designed academic pathway, social and global engagement, community service leadership, and market ready candidates for the workforce.



**Shery Boyles, M.S., Director, Meredith College Admissions**

Shery's tenure at Meredith College began in 2012, but her experience spans 18 years working with prospective students, their families, and other constituents committed to helping students with one of the most important decisions they will make in their young lives.



**Soman Aidasani '14, Admissions Officer, Duke University.**

Soman is the Office of Undergraduate Admissions' primary liaison for prospective engineering students, first-generation college students, and school counselors. Prior roles included, college counselor at Person HS in Roxboro, NC and Emily Krzyzewski Center in Durham, NC.



**Alonzo Alexander, MISO Research & PhD candidate, NCSU,**

Alonzo is a STEM education researcher whose current work explores creative capacity-building tools and strategies to evaluate and improve NC State's K-12 STEM outreach programs, to ensure the breadth and depth of the future U.S. STEM workforce.



**Mattie T. Gaddy-Parks, Assoc. Director, Admissions, NC School of Science and Mathematics.**

Mattie received her Master's in Public Policy from NC Central University. In her spare time, she volunteers throughout the community and enjoys enriching the lives of young people.



**Sarah Overman, Director, College Advising, Research Triangle HS.**

Sarah worked in college admissions for 10 years prior to joining RTHS, including as an Asst Dir of Admissions at NCSU, where she worked directly with students and families throughout the application process and served on the admissions committee; and 7 years in undergraduate admissions at American University (Washington, DC).

## EVENT SCHEDULE

TIME	AGENDA	LOCATION
8:00AM - 8:45AM	Check-In & Breakfast	Fitzpatrick Lobby/Atrium
8:45AM - 9:00AM	Opening & Welcome	Fitzpatrick Auditorium
9:00AM – 12:00PM	STEM Workshops <ul style="list-style-type: none"> <li>▪ Science of Cosmetics</li> <li>▪ DNA Biotech</li> <li>▪ Robotics &amp; AI</li> </ul>	FP 2 <sup>nd</sup> Level FP 3 <sup>rd</sup> Level Teer 106
	Parents' Forum <ul style="list-style-type: none"> <li>▪ How to Raise a Confident Girl (&amp; Supportive Boys)</li> <li>▪ College Panel</li> <li>▪ Education Panel</li> </ul>	All Parents' Sessions are in the Fitzpatrick Auditorium
12:00PM – 12:45PM	Lunch & Photo Booth	Fitzpatrick Lobby/Atrium
12:45PM – 1:15PM	Large Group Photo (with all participants)	Fitzpatrick Lobby/Atrium
1:15PM – 2:00PM	So You Want To Be A Millionaire? (Finance)	Fitzpatrick Auditorium
2:00PM – 2:15PM	Closing & Check-Out	Fitzpatrick Lobby/Atrium
2:00PM – 3:00PM	Photo Booth	Fitzpatrick Lobby/Atrium

## STEM WORKSHOPS

### DNA Biotech Fun-damentals!

Curriculum Sponsor: Biogen

Leads: Ellery Ward (Biogen) & Kimla Lee (Red Hat)



Students will learn about Biotechnology, and the scientific method and how to use it in the context of biotechnology. They will execute hands-on science experiments that include extracting DNA from a wheat germ and growing yeast cells.

### Science of Cosmetics

Curriculum Sponsor: IBM

Leads: Victoria Thio & Edna Morales



Students will learn about the science of product development and the careers of Cosmetic Scientists, Chemical Engineers, and Food Scientists. They will execute hands-on science experiments resulting in the creation of each student's own lip balm and lotion with her preference in color, flavor, and branding.

### Robotics & Artificial Intelligence

Curriculum Sponsor: Fidelity & NC First

Leads: Laura Downie (Fidelity) & Marie Hooper (NC FIRST)



The Robotics/AI workshop is an interactive and fun session where the students will work in teams of 3 with a volunteer who will teach them how to build a Lego Mindstorm EV3 robot with step-by-step instructions, and then program it to perform routine tasks.

### Finance: So You Want To Be A Millionaire?

Facilitated by: Fidelity, Credit Suisse, Coastal Credit Union

Leads: Liz Simon, Aba Forson, Ferlino Smart-Monroe



This session will focus on finance and investing. It includes a brief intro lesson on financial literacy, followed by a game to reinforce principles of long-term savings & investing. It will also include info about the tremendous earning potential for most STEM professionals.

## PARENTS' FORUM

### How to Raise Confident Girls

Lead: Jessie Tenenbaum, PhD (Asst. Professor, Duke University)



**Marlee Krieger, M.S.**, Executive Director, Center for Global Women's Health Technologies. She is also the Director of DukeEngage Orange County, CA, a cultural immersion program that empowers young women through STEM education.



**Maya Logan**, Freshman, UNC-CH, Pogue Scholar majoring in Biochemistry & Public Policy. Maya is passionate about health disparities and bridging the gap between Black females entering STEM disciplines and careers. She is the founder of the non-profit, S.I.S (Sisters in STEM)

### College Students Panel

Lead: Heather Vincent, PhD (Duke)



**Jenna Meanor**, NCSU PhD student, Chemical & Biomolecular Engineering. She has a M.Engr and a B.S. (Wake Forest) in Chemistry. Her research combines protein engineering and synthetic biology with the aim of understanding different disease pathways.



**Shelby Brewer**, NYU, PhD student. Her current research is in oncology and health disparities. She earned her B.S. degree in Allied Health Sciences and M.S. in Health Promotion Sciences, both from University of Connecticut.



**Christa Park**, U-Mass PhD student, Immunology and Microbiology and a visiting scholar at Duke University. Her research is studying different kinds of cell death and how it effects the body. She earned a B.S. in Human Biology (UC San Diego) and M.S. in Immunology (California State University San Marcos).



**Yannet Daniel**, Duke rising senior, majoring in Biology with minors in Chemistry and Global Health. While on the pre-medical track, after graduation, she plans to pursue an MS in public health and M.D. (OB-GYN), and work to reduce racial health disparities.



**D'Shawna Burwell**, NCCU rising senior, majoring in Pharmaceutical Science with minors in Chemistry & Business. She currently works in the BRITE Laboratory as a Research Associate.



**Minakshi Pillai**, UNC-CH rising senior, studying public policy and chemistry with a minor in medical anthropology. She works at the Moorman Lab in the Microbiology and Immunology Department. After graduation, she plans go to medical school.