2019 JSM Diversity Workshop & Mentoring Program

Developing Leaders, Growing Community, and Ensuring a Diverse Profession

July 28, 2019 - July 31, 2019
Denver, Colorado
Dear Colleagues:

It is our pleasure to welcome you to the 2019 JSM Diversity Workshop and Mentoring Program. This year marks the 10th anniversary, and we are excited to celebrate 10 years of mentoring, skills development, networking, and growing community. We believe that this program helps to ensure a diverse profession by preparing statisticians of diverse backgrounds for career success and creating enduring mentoring relationships which can continue far beyond each conference.

We have a truly outstanding program planned for you. Leaders from the private sector, government, and academia – including student leaders! – have all come to share their insights and experiences to help you on your journey as a statistics student or professional. They’ve come excited not only to share with you, but also to learn from you.

This is a unique development opportunity. Please take full advantage of every minute. Ask questions. Share ideas. And take the time to meet others in this statistics community. If each of us leaves here having learned something that will direct our careers and having made personal contacts that will support us in the future, this will, indeed, be time well spent.

Thank you for your presence and participation. If there is anything we can do for you while you’re here, please don’t hesitate to ask.

Enjoy YOUR program!

Sincerely,

Brian A. Millen, Ph.D. and Dionne Swift, Ph.D.

Co-chairs, 2019 JSM Diversity Workshop and Mentoring Program
JSM Diversity Workshop and Mentoring Program Agenda

All sessions will be held at Hyatt Regency Denver located 650 15th Street, Denver CO 80202, except where noted otherwise.

Sunday, July 28, 2019

8:30 – 9:00AM     Registration
9:00 – 9:15AM     Opening Welcome  H-Centennial Ballroom G-H
9:15 – 10:30AM    Parallel Session 1a – Career Success: Tips and Traps  H-Capitol Ballroom 3

This panel session provides an interactive sharing of experiences and advice to equip early-career professionals with tools for success.

Panel: Sean Simpson, PhD, (Wake Forest); Sally Morton, PhD, (Virginia Tech); Bill Pikounis, PhD, (Johnson & Johnson); Betsy Gunnel, MS (CDC)

Moderator: Adrian Coles, PhD (Eli Lilly and Company)

Parallel session 1b – Success in Graduate School  H-Centennial Ballroom G-H

This panel session will provide tips for success in graduate school from the perspective of faculty members at top graduate programs and current and recent graduate students in statistics or biostatistics.

Student and Recent Graduates Panel: Briana Stephenson, PhD (University of North Carolina); Heather Mattie, PhD (Harvard); Luvenia Hella-Dorsey, PhD (Iowa State); Pratik Manandhar, MS (Duke)

Faculty Panel: Chris Kinson, PhD (University of Illinois at Urbana-Champaign); Emma Benn, PhD (Mount Sinai); Miguel Marino, PhD (Oregon Health & Science University)

Moderator: Maria Cuellar, PhD (University of Penn)

10:30 – 10:40AM    BREAK

10:40 – 11:45AM    Parallel session 2a – Transformational Leadership  H-Capitol Ballroom 3

Creating positive change in individuals or an organization requires transformational leadership. While most of us can readily identify a need for change, very few of us feel equipped to create positive change in others or an organization. This session provides an introduction to the essential skillset and mindset of a transformational leader.

Presenter: Brian Millen, PhD (Eli Lilly and Company)

Moderator: Sharon Caslin (CDC)

Parallel session 2b – Success is Not Always Perfect  H-Centennial Ballroom G-H

In this session, successful career statisticians will candidly share self-perceived personal, academic, and/or professional “failures,” and how they responded to and grew from the challenges. In some instances, panelists may share current challenges they are experiencing and engage small groups in dialogue about ways to overcome the challenges.

Panel: Renee’ Moore, PhD (Emory University); Lloyd Edwards, PhD (University of Alabama – Birmingham); Elvis Martinez, PhD (Travelers)

Moderator: Dionne Swift, PhD (Procter and Gamble)
11:45 – 2:00 PM  Group Photo  H-Centennial Ballroom G-H
Lunch & Sponsor Recognition

2:00 – 2:45 PM  Parallel session 3a – Influencing without Authority  H-Capitol Ballroom 3
In today’s world of cross-functional or multi-disciplinary teams, leadership can be thought of as the ability to influence and enroll others in achieving a common end. This session offers insight into the types of skills and thinking needed to influence, gain support from others, and foster collaboration despite one’s position in the organizational hierarchy.

Presenter: Abie Ekangaki, PhD (Premier Research)
Moderator: Rebbecca Wilson (Fifth Third)

Parallel session 3b – Effective Presentation Skills  H-Centennial Ballroom G-H
Presentation skill is a critical competency for success in a statistics career. This session will address core skills for both oral and poster presentations.

Presenter: Leslie McClure, PhD (Drexel University)
Moderator: Machell Town (CDC)

2:45 – 3:00 PM  BREAK

3:00 – 3:30 PM  Strategic Networking  H-Centennial Ballroom G-H
This session emphasizes networking as a critical element for success and provides practical tips for creating and growing a professional network.

Presenter: Dionne Price, PhD (Food and Drug Administration)
Moderator: Paulette Ceesay (Merck)

3:35p – 4:20PM  Developing Successful Mentoring Relationships  H-Centennial Ballroom G-H
This session will provide perspectives and best practices for mentors and mentees to develop successful mentoring relationships. Emphasis is placed on expectations and responsibilities of each party in the mentoring relationship.

Panel: Therri Usher, PhD (FDA); KnaShawn Morales, PhD (University of Pennsylvania); Abie Ekangaki, PhD (Premier Research); Dominque McDaniel (Purdue), Jeff Swartzel, MS (Procter and Gamble)

Moderator: Darius McDaniel (Emory University)

6:00 – 8:00PM  Networking Dinner for Diversity Workshop and Mentoring Program – Participants are invited to attend one of the four Networking dinners. Reservations for 10-15 have been made at each location. Please note dinner will be at your own expense.
Locations:  Euclid Hall Bar and Kitchen (1317 14th St)  Freshcraft (1530 Blake St)
Stout Street Social (1400 Strout St)  5280 Burger Bar (500 16th St Mall #160)

Monday, July 29, 2019

9:00 – 10:30AM  Parallel sessions 4a  H-Capitol Ballroom 5
Interview and Career Search Tips: This presentation focuses on tips for career search, resume writing and interviewing in academia and industry.

Presenters: Emily Butler, PhD (GlaxoSmithKline) & Sastry Pantula, PhD (California State University San Bernardino)
Building Personal Brand Online: This presentation will provide a framework that increases awareness and understanding of the importance of personal branding online in building one’s professional life. Tips for creating and managing a meaningful personal brand online that reflects their values, uniqueness and professional identity will be given.

**Presenter:** Jemar Bather (Harvard)

Parallel session 4b - Dynamics of Trust

This session explores the impact of cultural differences on trust and reveals the primary factors that impact trust. Participants will explore these differences and develop tools for evaluating and proactively building trust in workplace/school relationships.

**Presenter:** Adrian Coles, PhD (Eli Lilly and Company)

**Moderator:** Joseph Rhodes (University of Pennsylvania, School of Nursing)

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**Tuesday, July 30, 2019**

9:00 – 10:30AM  **Roundtable Discussion on Topics Requested by Participants**  
**Moderator:** Felicia Simpson (Winston-Salem State University)

6:00 – 7:30PM  **CMS Open Business & Networking Meeting**

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**Wednesday, July 31, 2019**

9:00 – 10:30AM  **Ending Keynote: Call-to-Action**

**Presenter:** Talithia Williams, PhD (Harvey Mudd College)

**Moderator:** Brian Millen (Eli Lilly and Company)

10:30 – 12:20PM  **Professor David Blackwell’s 100th Birthday Celebration: Impact on Diversity and Statistics**

**Convention Hall-201**
Statistician Talithia Williams is an innovative, award-winning Harvey Mudd College professor, a co-host of the PBS NOVA series NOVA Wonders and a speaker whose popular TED Talk, “Own Your Body’s Data”, extols the value of statistics in quantifying personal health information. She demystifies the mathematical process in amusing and insightful ways to excite students, parents, educators and the larger community about STEM education and its possibilities. In 2015, she won the Mathematical Association of America’s Henry L. Alder Award for Distinguished Teaching by an Beginning College or University Mathematics Faculty Member, which honors faculty members whose teaching is effective and extraordinary, and extends its influence beyond the classroom. It is this excellence that attracted the attention of online educational company The Great Courses, which selected Williams to produce “Learning Statistics: Concepts and Applications in R,” a series of lectures in which she provides tools to evaluate statistical data and determine if it’s used appropriately. She is the author of “Power in Numbers: The Rebel Women of Mathematics”, a full-color book highlighting the influence of women in the mathematical sciences in the last two millennia. Williams is a proud graduate of Spelman College (B.A., math), Howard University (M.S., mathematics) and Rice University (M.A., Ph.D., statistics). Her research focus involves developing statistical models that emphasize the spatial and temporal structure of data and applies them to problems in the environment. She’s worked at NASA, the Jet Propulsion Laboratory and the National Security Agency and has partnered with the World Health Organization on research regarding cataract surgical rates in African countries. Faith and family round out a busy life that she shares with a supportive husband and three amazing boys. Through her research and work in the community at large, she is helping change the collective mindset regarding STEM in general and math in particular, rebranding the field of mathematics as anything but a dry, technical or male-dominated but, instead, a logical, productive career path that is crucial to the future of the country.

Power in Numbers: Unveiling Statistical Hidden Figures

The movie “Hidden Figures” brought visibility to the lives of African American women who served as NASA “human computers” in the 1960s, women who dreamed the impossible in a field where their presence was lacking. Meeting the demands of a 21st century STEM workforce requires that we look beyond traditional talent pools to recruit and train individuals typically underrepresented in math, science, and engineering. During this talk, Dr. Talithia Williams will discuss her personal journey as a woman of color in statistics and her current research involving cataract disease modeling. She will conclude by discussing ways in which we can excite public interest in data science, building upon the rich legacy of the Hidden Figures that came before us.
Protégé/Mentor Pairs

David Oluwagbenga Agboola – Adrian Coles
Damola Akinlana – Machell Town
Adams Kusi Appiah – Brian Millen
Kristina Boyd – Felicia Simpson
Maria Cuellar – Jackie Hughes-Oliver
Antheia Evelyn – Sharon Caslin
Evelyn Fokuoh – Portia Exum
Margaret Gacheru – Emily Butler
Samson Ghebremariam – Abie Ekangaki
Diana Gonzalez – Knashawn Morales
Mark Harris – Elvis Martinez
Jose Hernandez – Mark Ward and Brisa Sanchez
Ogchokwu Ifeacho – Jeff Swartzel
Uchechukwu Ikeaba – Oluyemi Oyeniran
Guilherme Cardosa Marthe – Rebeccca Wilson
Evidence Matangi – Felicia Simpson
Melanie Mayer – Emma Benn
Ashley McCook – Christopher Kinson
Iván Montoya – Darius McDaniel
Jami Mulgrave – Tim Thornton
Blaise Simplice Talla Nwotchouang – Machell Town
Yunasa Olufadi – Stephine Keeton
Jessica Randall – Natalie Cheung Rotelli
Isaac Sanchez – Jeffrey Gonzalez
Busola Sanusi – Therri Usher
Maria Tackett – Rebeccca Hubbard
Amanda Tapia – Emily Butler and Dionne Swift
Alison Tuiyott – Emily Butler
Brittany Wilbourn – Sean Simpson
Makhabele Nolana Woolfork – Dionne Price
Christien Wright – William Brenneman
Jenny Yang – Christina Nurse
Ye Emma Zohner – Ofer Harel

Suggested Additional Activities for Mentors and Protégés during JSM

1. Discuss what the protégé wants to get from the relationship (e.g., career advice, help weighing options for the future, advice on choosing a graduate program, etc.)
2. Schedule informal one-to-one meetings (e.g., meet for coffee)
3. Review the protégé’s CV together and discuss preparing for various types of careers
4. Go to some section mixers and business meetings together – e.g., Section on Statistics and the Environment, Section on Bayesian Statistical Science Mixer, Applied Statisticians, Biometrics Section Mixer, many, many more…
5. General mixers and parties:
   a. Go to the Sunday night mixer together.
   b. JSM Student Mixer
   c. JSM Dance Party and Lounge.
6. Go to a talk given by JSM Mentoring Program participants. Program participants are well-represented at JSM. A search of the program reveals the following presentations and posters being given by program participants.
| **Gwynetta Adesuyi**  
Participant | Gwynetta Adesuyi is an innovative health promotion professional with experience in chronic disease management, health education, and program planning within the higher education and non-profit sectors. She is a recent MPH graduate of New York Medical College. Her previous research focused on environmental asthma triggers and post-exposure prophylaxis awareness. A self-driven professional with the ability to work collaboratively to solve problems and build capacity. She is skilled at utilizing her analytical skills to connect communities to education and resources that influence policies, systems, and the environment. She is passionate about supporting communities by identifying risks that influence health outcomes. |
| **David Olu’ Agboola**  
Protégé | David is currently a second-year doctoral student of Applied Statistics and Research Methods at University of Northern Colorado. He’s a data scientist with more than a year’s experience as a research consultant at the Research Consultant Lab of University of Northern Colorado. He currently supports the Weld County Department of Public Health and Environment and Weld County Sheriff’s Office where he implements a system for data visualization and data mining, analyzing and interpreting structured and unstructured data, and recommending new process improvement for the 2019 Weld County Community Health Survey. His current research interest includes recurrent event survival analysis, longitudinal analysis, predictive data modelling, machine learning, and statistical learning algorithms and techniques to deliver insights and implement action-driven solutions to complex real-life problems. He’s a graduate of Marshall University where he implemented and coordinated the use of differential analyzer (a mechanical device that graphs the solution(s) of a differential equation) into teaching calculus at college level. He co-led the team that supervised the first differential analyzer built by AP Calculus students at St. Joseph High School (Ironton, Ohio); this experience made the students visualize and understand how differential equation develops over time. |
| **Damola Akinlana**  
Protégé | Damola Akinlana is a current doctoral student in the Mathematics and Statistics department at the University of South Florida. Her research interests focuses on experimental design, reliability analysis and survival analysis and their applications to industry, health and engineering. Recently, she received the Mathematics Scholarship Fund and M.V. Johns Jr. Scholarship in recognition of her outstanding academic achievements amongst graduate students in Statistics from the department of Mathematics and Statistics, University of South Florida. She currently serves as the General Secretary of the University Student Chapter of the American Statistical Association at University of South Florida where she is passionate about contributing significantly to the field of Statistics and its applications. Her career with University of South Florida started with graduate school application funding from Education USA Opportunity Fund Program from the United States Consulate General in Lagos, Nigeria and she is excited to participate in the 2019 JSM Diversity Workshop and Mentoring Program as another remarkable step in her career. |
<table>
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<tr>
<th><strong>Samuel Anyaso-Samuel</strong>&lt;br&gt;Protégé</th>
<th>Samuel Anyaso-Samuel is an incoming Biostatistics Ph.D. student at the University of Florida. He earned his Bachelors degree in Statistics from the Federal University of Technology Owerri, Nigeria and a Masters degree in Mathematics from Boise State University, USA. His primary research interests include Statistical Process Control, Fuzzy Regression, Time Series and Big Data Analysis. Samuel has experience working in the industrial sector where he worked as a Data Analyst while in the academic domain, he has worked as a Research Consultant and a Mathematics/Statistics Instructor. Upon completion of his Ph.D. program, he plans to take up research positions in either the industrial or academic domain with the intent of using mathematical modeling to mitigate the spread of infectious diseases.</th>
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<tr>
<td><strong>Adams Kusi Appiah</strong>&lt;br&gt;Protégé</td>
<td>Adams Kusi Appiah is a Ph.D. candidate in Biostatistics at the University of Nebraska Medical Center interested in survival and longitudinal methodology, joint modeling, machine learning models, and secondary data analysis. His doctoral research develops a class of log-skew normal distributions for frailties to model multivariate survival data. He leads the Institutional Development Award for Clinical and Translational Research (Idea-CTR) biostatistical consulting lab and provides consultation services to biomedical investigators. He is currently involved in an interdisciplinary project identifying medication and dental non-compliance risk factors among diabetes patients.</td>
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<td><strong>Danisha Baker</strong>&lt;br&gt;Mentor</td>
<td>Dr. Danisha S. Baker grew up in Orlando, FL and matriculated through Orange County Public Schools. Dr. Baker attended Florida State University in Tallahassee for her postsecondary education. There, she completed her undergraduate degree programs, earning a Bachelor of Science in Statistics and Bachelor of Art in Psychology. Dr. Baker continued her education at her Alma Mater when she was accepted into their Doctoral Program, where she obtained her Doctorate of Philosophy in Biostatistics. While working toward her degrees, she was a PIE teaching associate and was responsible for equipping incoming TA’s and instructors with effective teaching strategies for the classroom. Dr. Baker also taught statistics to biology majors for over three years as a graduate instructor. In addition to teaching at the University and her own studies, she worked at Florida State University’s College of Medicine, where she analyzed the state of Florida’s Managed Therapy Program for cost effectiveness. Dr. Baker began her professional career as a Senior Scientist in Irradiations and Statistics with the Naval Nuclear Laboratory supporting a wide range of technical projects involving nuclear reactor design, testing, manufacturing, fleet support, and maintenance. Dr. Baker currently works as a Senior Data Scientist with Becton Dickinson MedMined Analytics team where she consults with hospitals and pharmaceutical companies on projects including infectious disease prevention, identifying healthcare associated infections, and streamlining house-wide antimicrobial stewardship efforts.</td>
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| **Dhanamalee Bandara**  
Participant | Dhanamalee Bandara is a Lecturer in the Department of Statistical and Data Sciences in Smith College, Massachusetts. Prior to that she worked as a Visiting Assistant Professor in the Department of Mathematics and Statistics in the University of North Carolina Wilmington. She earned her Ph.D. (in Mathematics-Concentration in Statistics) and a M.Sc. (in Statistics) from the Department of Mathematics and Statistics at the Texas Tech University, Lubbock, Texas and a B. Sc. (in Computer Science) from the University of Peradeniya Sri Lanka. Her current research focuses on High Dimensional Object Data Analysis, Statistical Shape Analysis, Multivariate Data Analysis and Categorical Data Analysis. She enjoys crafting and cooking during her spare time. Follow her at dbandara@smith.edu. |
| **Jemar Bather**  
Speaker, Participant | Jemar Bather is a second-year Biostatistics PhD student and NIH HIV/AIDS Training Grant Fellow at the Harvard T.H. Chan School of Public Health. He received his MS in Applied Statistics from NYU and BS in Statistics from Penn State. His research focuses on using statistical methods to address risk factors that contribute to health disparities. |
Emma Benn
Panelist, Mentor

Emma K. T. Benn, DrPH, MPH is an Associate Professor in the Center for Biostatistics and Department of Population Health Science and Policy at the Icahn School of Medicine at Mount Sinai. She received her BA in Chemistry (Spanish Minor) in 2004 from Swarthmore College. She subsequently received her MPH in Sociomedical Sciences in 2007 and DrPH in Biostatistics in 2012 from the Columbia University Mailman School of Public Health. Dr. Benn is one of the co-founders of the NIH-funded Biostatistics Enrichment Summer Training (BEST) Diversity Program in the Department of Biostatistics at Mailman, for which she currently serves on the External Advisory Board. She has contributed her biostatistical expertise to a variety of research areas including but not limited to: epilepsy, traumatic brain injury, COPD, prostate cancer, bladder cancer, HPV, vagal dysfunction, opioid adherence, skin bleaching in African and Afro-Caribbean populations, stroke, and cognitive disability. More recently, Dr. Benn has been focused her statistical expertise to health disparities research. Dr. Benn is the Director of Academic Programs for the Center for Biostatistics. Some of her educational leadership roles include: co-Principal Investigator of the NIH/NIGMS-funded Applied Statistics in Biological Systems (ASIBS) Short Course to increase the statistical competency of junior faculty and fellows and reduce the racial/ethnic gap in promotion of clinical faculty from academic medical centers nationwide, co-Director of the Master of Science in Biostatistics program at ISMMS, and co-Investigator of the NCATS-funded TL1 Training Program to strengthen and diversify the clinical investigator pipeline, and former co-Director of the Biostatistics Summer Program for Clinical Research at ISMMS. Dr. Benn is very committed to increasing diversity in the field of biostatistics as she has served as co-chair of the Eastern North American Region (ENAR) of the International Biometric Society Fostering Diversity in Biostatistics Workshop and as a mentor for the American Statistical Association Joint Statistical Meetings Diversity Mentoring Program and the Math Alliance. Dr. Benn has also served on the ASA Task Force on Sexual Harassment and Assault and is currently a member of the ENAR Regional Advisory Board and the NIH Clinical Neuroscience and Neurodegeneration Study Section. She has taught many course at ISMMS including Introduction to Advanced Biostatistics. Dr. Benn is a 2013-2015 NIH Extramural Loan Repayment Program for Health Disparities Research recipient. Follow Dr. Benn on Twitter @EKTBenn.

Derrick Bonney
Participant

My name is Derrick Kwesi Bonney. I was born on 23rd February to Mr. Joseph Bonney and Mrs. Faustina Akrom in the republic of Ghana, a sub region of West Africa. I was awarded with a Second Class Honors in Actuarial Science by the University of Cape Coast in June 2017 and was one of the top 5 best graduating student in the department. I am currently a Graduate/ Masters Teaching Assistant at the University of Texas at El Paso and have research interest in Survival, Clustering, Mortality, Genetics and Statistical Consultancy. I was recently awarded the Boyd Harshbarger Travel Award on the 55th Southern Regional Council on Statistics which was co-sponsored by American Statistical Association and National Science Foundation in Carrolton Kentucky.
| **Kristina Boyd**  
Protégé | Kristina Boyd received a bachelor’s degree in Biology and Chinese Language from the Massachusetts Institute of Technology in 2013. She is currently a Dean’s Public Health Scholar and a second-year MS student in the Department of Biostatistics at the University of Pittsburgh Graduate School of Public Health. Her research interests include geospatial analysis and Bayesian multilevel hierarchical modeling. She hopes to pursue a doctorate in geography with a focus on geospatial modeling and mixed methods inquiry of human-environment interaction. Outside of academia, she is employed as a statistician at the Allegheny County Health Department. |
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| **William A. Brenneman**  
Mentor | William Brenneman is a Research Fellow and Global Statistics Discipline Leader at Procter & Gamble in the Data and Modeling Sciences Department and an Adjunct Professor of Practice at Georgia Tech in the Stewart School of Industrial and Systems Engineering. Since joining P&G, he has worked on a wide range of projects that deal with statistics applications in his areas of expertise: design and analysis of experiments, robust parameter design, reliability engineering, statistical process control, computer experiments, data science, machine learning and general statistical thinking. He was also instrumental in the development of an in-house statistics curriculum. He received a Ph.D. degree in Statistics from the University of Michigan, an MS in Mathematics from the University of Iowa and a BA in Mathematics and Secondary Education from Tabor College. William is a Fellow of the American Statistical Association (ASA), a Fellow of the American Society for Quality (ASQ), and a member of the Institute of Mathematical Statistics and the Institute for Operations Research and Management Sciences. He has served as ASQ Statistics Division Chair, ASA Quality and Productivity Section Chair and is currently serving as an Associate Editor for *Technometrics*. William also has seven years of experience as an educator at the high school and college level. |
| **Adrian S. Burney**  
| **Participant**  
| Adrian Burney is a staunch leader in the field of education with over 18 years of experience. She comes highly qualified with educator certifications in Maryland and Washington D.C. Her unquenchable thirst for knowledge has led her to two degrees, two graduate certificates and seeking another. She is a proud graduate of The Howard University with a Bachelor of Arts degree in Human Communication Studies with a Minor in Political Science. A lover of public speaking, history, and politics helped her to discover a career as a lifelong educator. While teaching, she obtained her Masters in Education degree from National Louis University. Her master thesis on collaborative learning continues to shape her work today. Understanding that literacy is the gatekeeper for student achievement, she obtained an Advanced Graduate Certificate in Literacy Coaching from the University of Maryland. The tenets of that certificate have enabled her to use strategies that would propel the thinking of others, ultimately making a positive impact in the workplace. Her recent Advanced Graduate Certificate from Johns Hopkins University in Urban Entrepreneurial Leadership and Administration has emboldened her to become a business owner to capitalize on her talents. Together with her business partner, Educational Architects Consulting, LLC was created.  
This innovative company offers a wide range of services such as cultural diversity training, teacher professional development, special education advocacy, and program design. She is currently seeking a Ph.D. in Business Psychology focusing on Industrial-Organizational Psychology. Her belief that equity is the great equalizer drives her studies, thus enabling her to propel her company forward. Adrian’s greatest accomplishments to date is being a wife and mother of three children. To contact Adrian please email aburney@edarchitectsconsulting.com or visit edarchitectsconsulting.com. |
| **Emily Butler**  
| **Presenter, Mentor, Committee Member**  
| Emily Butler is a principal statistician at GSK who supports cell gene therapy oncology assets. Her experience is primarily with early phase compounds and is a member of a cross industry estimands working group. Aside from her statistical work, she is very involved in inclusion and diversity initiatives at GSK, including leading the efforts in the statistics, programming, and data science department. She is heavily involved in recruitment, training sessions for non-statisticians, and the department’s engagement team. As a statistician, her true passion is around engaging with her clinical colleagues to ensure the statistical validity of all trial designs, interpretations and publications. Emily graduated from the University of North Carolina at Chapel Hill in 2016 with a PhD in biostatistics and Carnegie Mellon University in 2011 with a bachelors in statistics. |
| **Joyce Cahoon**  
| **Participant**  
| Joyce is a PhD student in the statistics department at NC State. She is working with her advisor, Ryan Martin, to develop algorithms that implement ideas around imprecise probability, with applications in topic modeling. Her research interests are broad and include the foundations of statistical inference, Bayes and empirical Bayes, and their applications in high-dimensional problems. This summer, she is interning with RStudio to help reduce the size of modeling objects that are saved to disk.  
Previously, she attended Duke on the Robertson scholarship, graduating in 2013 with a dual degree in biomedical engineering and economics. |
| **Sharon Caslin**  
Mentor, Moderator, Committee Member | Sharon S. Caslin completed undergraduate training in Women, Gender, & Sexuality Studies at Emory University and graduate training in Public Health & Biostatistics at Georgia State University. She combines feminist theory, public health and statistics to evaluate public health interventions at the intersection of public health and criminal justice. She currently works as an Evaluation Fellow with the Centers for Disease Control and Prevention, where she systematically assesses public health and public safety approaches to the current opioid epidemic. |
|---|---|
| **Paulette Ceesay**  
Moderator, Committee Member | Paulette Ceesay is a statistician in the neuroscience therapeutic area at Merck & Co. She is also an adjunct assistant professor in the statistics department at Temple University. Prior to joining Merck, she was a pension and group health actuary. Her research interests are comparative benefit risk assessment of drug therapies and health policy. |
| **Janelle K. Charles**  
Committee Member | Janelle Charles, PhD., is a Senior Biostatistician II at Pharmaceutical Product Development (PPD) where she leads projects across multiple therapeutic areas. Prior to joining PPD, she was a Mathematical Statistician/Senior Staff Fellow in the Division of Biometrics IV (DBIV) in the Office of Biostatistics at the Center of Drug Evaluation and Research (CDER), FDA. She received her PhD in Mathematics with a Statistics Concentration and Masters in Statistics from Texas Tech University. Dr. Charles was a dedicated faculty member and organizer of statistics courses taught at CDER and a mentor for junior scientists in the Office of Translational Sciences at CDER. She has received awards at CDER, including Dr. Frances O. Kelsey Drug Safety Excellence Award. She actively currently serves as Secretary of the Biopharmaceutical Section of the ASA and Member of the ASA Committee on Minorities in Statistics. |
| **Adrian Coles**  
Speaker, Moderator, Mentor, Committee Member | Dr. Coles is a senior research scientist at Eli Lilly and Company. He collaborates with clinical investigators in the Neuroscience therapeutic area to help design and oversee the execution of clinical studies. Prior to joining Lilly, Dr. Coles was clinical researcher at the Duke Clinical Research Institute an instructor in Duke University’s Department of Biostatistics and Bioinformatics where he taught survival analysis to graduate students. He holds an MS and PhD in Statistics from North Carolina State University, where he was the first African-American male to earn a doctorate from the time-honored program. Dr. Coles participates in multiple initiatives that serve underrepresented minorities in his profession, in his community, and in his workplace. |
| **Maria Cuellar**  
| **Protégé**  
| —  
| Maria Cuellar is an assistant professor at the University of Pennsylvania Criminology Department. She received her PhD in the joint statistics and public policy program at Carnegie Mellon University, and she later completed a postdoctoral fellowship at Penn. She has a Master of Science in statistics and a Master of Philosophy in public policy, both from Carnegie Mellon, and a bachelor’s degree in physics from Reed College. Maria’s research focuses on causal inference and data analysis in the law and criminal justice system. She is also a researcher at the Center for Statistics and Applications in Forensic Evidence, where she studies how statistics can improve forensic science.  

| **Orlando Davy**  
| **Participant**  
| —  
| Orlando attended New York City College of Technology in Brooklyn, New York where he received his Bachelor of Science degree in applied mathematics with a concentration in science. In the summer of 2011, Orlando was fortunate to have participated in Morehouse College Public Health Sciences Institutes’ Project Imhotep summer internship program where he was introduced to the field of epidemiology and biostatistics for which he will be forever grateful. Orlando would later receive his MPH degree with a joint concentration in epidemiology and biostatistics from Saint Louis University (SLU) in St. Louis, Missouri. After receiving his MPH, he accepted a position as a survey statistician with the U.S. Census Bureau, however this was short lived because only after four months he decided to return to his alma mater (SLU) to pursue a doctoral degree. This fall, Orlando will begin his second year as a Ph.D. student at Saint Louis University's College for Public Health and Social Justice (CPHSJ). His major is in Public Health Studies with a concentration in biostatistics. Orlando is interested in statistical methods and spatial approaches to health disparities research.  

| **Alicia Dominguez**  
| **Participant**  
| —  
| Alicia Dominguez, a New Mexican native, received a B.S. in Mathematics and B.S. in Statistics from the University of New Mexico. She is entering her second year as a master’s student of biostatistics at the University of Michigan. Dominguez’s research interests include statistical genetics and genomics, specifically population genetics and statistical methodology/applications for admixed populations. As a trainee of the NIH training grant, UM Genome Science Training Program, she is currently working on research about the construction of polygenic risk scores for bipolar disorder patients in non-homogenous populations. Dominguez plans to apply for admission to Ph.D. programs in biostatistics for the 2020-2021 school year.
| **Lloyd Edwards**  
**Speaker** | Dr. Edwards is a Professor and the Chair of Department of Statistics at the University of Alabama at Birmingham. After completing a Bachelor’s degree in Mathematics from Morehouse College and a Master’s degree in Mathematical Statistics from the University of Maryland, he worked as a Software Engineer/Statistician with the TRW Defense Systems Group in McLean, Virginia for three years. He returned to academia to complete his Ph.D. in Biostatistics from UNC’s Gillings School of Global Public Health in 1990. He then joined their faculty, beginning as an Assistant Professor and rising through the ranks. Dr. Edwards has more than 25 years of experience in the planning and analysis of clinical trials data. He has an extensive background in collaborating with subject-specific researchers in a broad range of areas in biomedical research, including cancer, CVD, aging, pediatrics, and minority health. He specializes in developing model selection and model choice methods for mixed models. His primary area of statistical application research relates to the analysis of longitudinal data. |
| **Abie Ekangaki**  
**Speaker, Mentor** | As a biostatistician for over 25 years, Dr. Ekangaki has worked around the globe with the World Health Organization in Geneva, Switzerland, as a lecturer in statistics at Macquarie University, Sydney, Australia and has spent that last 18 years in multiple technical and senior leadership roles in the pharmaceutical industry in both Australia and the US. He has led, overseen or consulted on the implementation of advanced statistical approaches in trial design and execution, including seamless 2/3 adaptive trials and dealing with complex multiplicity issues in multicenter mega-trials. Abie has had a long-standing interest in promoting leadership and the impact of statisticians in the pharmaceutical industry. In 2007 he initiated and co-founded the Australian Pharmaceutical Biostatistics Group (APBG), which remains active in Australia as a consortium of biopharmaceutical statisticians. Over the years at different companies, he has led various presentations and discussions on leadership in statistics, more recently giving a talk on this topic at the 2018 Leadership Workshop organized by NC chapter of ASA and authoring several short video presentations as part of the BioPharm On-Leadership online training. He enjoys mentoring both junior and senior level professional statisticians, as well as graduate students in statistics and is currently a designated statistics mentor with the DWMP. Abie believes that the unique technical perspective which statisticians bring to the table, is maximized when statisticians proactively engage with their cross-functional colleagues to better grasp how others view a problem. |
<p>| <strong>Antheia Evelyn</strong> | Antheia Evelyn is a Program Analyst with the VA NY Harbor Healthcare System. Prior to that she was an AMERICORPS Healthy Future Corps Member working as a Patient Navigator with the Community Health Care Association of New York State (CHCANYS) and assigned to one of Brightpoint Health’s clinic. She is a proud veteran who served in the United States Army for 5 ½ years as an HR Specialist. It is her experience as a patient during her service that made her develop an interest in the improvement of healthcare after noticing the importance of having culturally competent individuals in the workforce. Antheia holds a BS in Healthcare Administration with concentrations in Community Health and Patient Advocacy from New York University. Currently, she is pursuing a MS in Health Informatics &amp; Analytics at George Washington University with hopes of improving patient outcomes and collaboration amongst various providers through the use of health information and technology. Antheia holds NYS standing orders/training in SBIRT and Opiate Overdose Prevention. She also is a HIMSS student affiliate and new member of her school’s Data Science and R programming clubs. |
| <strong>Portia Exum</strong> | Portia Exum, M.S., is from Newark, NJ. She earned her Master of Statistics degree from North Carolina State University in Raleigh, NC in 2013 after completing her Bachelor of Arts in Mathematics and Statistics at Smith College in Northampton, MA. Her concentration in graduate school was Biostatistics, motivated by her undergraduate research with Dr. Nicholas Horton in missing data methods in survival analysis. As a graduate student she worked as a teaching and graduate assistant under Dr. Renee Moore teaching SAS labs and conducting a clinical trial for children with sleep apnea. Portia also worked as an intern with SAS Institute Inc. and was hired full time as an Analytical Software Tester after graduating from graduate school. Currently, she is a Team Lead is working to enable test automation that is reliable, scalable, and easy for non-developers across the BIRD Testing Division. In her spare time, she collaborates with clinicians on sleep and obesity studies. |
| <strong>Evelyn Fokuoh</strong> | Evelyn Fokuoh holds a Bachelor’s degree in Mathematics and Economics, an MSc degree in Statistics, and she is currently finishing with her third degree in MPH Biostatistics in August 2019. She works at the Tennessee Department of Health, Northeast Regional Health office as a Biostatistics intern for the summer 2019. She is passionate about her professional development to become a well-rounded Statistician, Biostatistician or Research analyst in the pharmaceutical field. Evelyn is proficient with using data analytics tools such as R, SAS, SPSS and dashboard reporting with Tableau. Her current research interest is in the analysis of data obtained from various Alzheimers disease databases to provide useful and adept insights for the development of drugs that has potentials to prevent Alzheimers disease. Now, she is looking for opportunities in the pharmaceutical industry and research organizations where she can substantially contribute to their data driven research as well as attain higher professional development. |</p>
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<td>Margaret Gacheru</td>
<td>Protégé</td>
<td>Margaret Gacheru is a PhD student in the Department of Biostatistics at Columbia University Mailman School of Public Health. Her research interests include mental health, substance abuse, and bridging the gap between the scientific community and the everyday person. Currently, she is working with Dr. Christine Mauro to review the Complicated Grief literature on its history as a disorder, diagnostic criteria, and optimal treatment. She is also using data from a completed Complicated Grief treatment study to learn statistical methods for analyzing randomized controlled trials, including how to handle missing outcome data.</td>
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<td>Samson Ghebremariam</td>
<td>Protégé</td>
<td>Samson Ghebremariam is a Sr. principal statistician at Novartis Pharmaceuticals working on phase Ib/II/III trials. He received his PhD in Biostatistics at the University of Florida (UF). During his PhD, he worked as a research assistant in children’s oncology group, and in the Center for Statistics and Quantitative Infectious Diseases. His dissertation project involved modeling and analysis of Dengue transmission. Part of this work is published in <em>nature communications</em>. He was the president of the Student chapter of the ASA at the University of Florida, and graduated on December 2015. Samson’s research interest lies in statistical methods for infectious diseases, clinical trials, survival analysis, hidden Markov models and Bayesian computational methods (MCMC).</td>
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<td>Diana González</td>
<td>Protégé</td>
<td>Diana González is a graduate student at Arizona State University pursuing a PhD in Statistics. Her research focuses on hierarchical logistic regression analysis of health data. Other interests include Bayesian and spatial analysis as well as education and social science research. In the past, she has researched terrain-induced rotors as a member of Computational Science Training for Undergraduates in the Mathematical Sciences (CSUMS). Diana is currently a graduate research assistant for the College Research and Evaluation Services Team (CREST) under the Institute for the Science of Teaching and Learning (ISTL) at ASU. She analyzes educational data and has worked on projects with the Phoenix Symphony, Kolbe A Index program, and local school districts. Furthermore, Diana is an adjunct faculty at Estrella Mountain Community College, where she teaches courses ranging from developmental mathematics to calculus to courses for pre-service teachers. She has also taught at ASU under the College Algebra Redesign (CAR) program. Diana earned the following degrees from ASU: B.S. Mathematics, B.A. French, and M.Ed. Secondary Education – Mathematics.</td>
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<td>Jeffrey Gonzalez</td>
<td>Mentor</td>
<td>Jeffrey Gonzalez has worked in the US Federal Statistical System for twelve years. He is currently the Division Chief of the Statistical Methods Group in the Office of Compensation and Working Conditions at the US Bureau of Labor Statistics. Previously he has worked at the BLS as a Research Mathematical Statistician and the Agency for Healthcare Research and Quality as a Survey Statistician. In his current role as Division Chief, he oversees the research and development of statistical and survey methodology implemented in three survey programs – Occupational Safety and Health Statistics, Occupational Requirements Survey, and National Compensation Survey. He also has general research interests in survey methodology, missing data problems, data quality in surveys, statistical computing and statistical graphics. He received his BSPH and MS in Biostatistics from the Universities of North Carolina and Michigan, respectively, and a PhD in Survey Methodology from the Joint Program in Survey Methodology at the University of Maryland.</td>
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<td>Betsy Gunnels</td>
<td>Panelist</td>
<td>Betsy Gunnels is a mathematical statistician and current team lead for the Statistical Science Team in CDC’s Division of HIV/AIDS Prevention. She has been with CDC since 1999 and has held positions in the National Immunization Program, Division of Diabetes Translation, and EIS Program. From 2014-2015, Betsy served as the first female chair of CDC’s Statistical Advisory Group. Throughout her career Betsy has also held part-time lecturer positions at various Atlanta universities. Currently, she teaches statistical computing at Georgia State University’s School of Public Health. Betsy’s primary research interest is in multilevel modeling and analysis of complex survey data. Betsy received her B.S. in Mathematics from Loyola University, Chicago and her M.S.P.H. in Biostatistics from Emory University’s Rollins School of Public Health.</td>
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<td>Ofer Harel</td>
<td>Mentor</td>
<td>Dr. Harel is a professor and Director of admission in the Department of Statistics and a (past) principal Investigator in the Institute for Collaboration on Health, Intervention, and Policy (InCHIIP) at the University of Connecticut. He received his doctorate in statistics in 2003 from the Pennsylvania State University and his post-doctoral training at the University of Washington, Department of Biostatistics, where he worked for the Health Services Research &amp; Development (HSR&amp;D) Center of Excellence, VA Puget Sound Healthcare System, and the National Alzheimer’s Coordinating Center (NACC). Dr. Harel Joined UCONN as an Assistant Professor in 2005 and is there since. He is an active member in the American Statistical Association having served for example as the Council of Sections Representative for the Health Policy Statistics Section (HPSS), a council of Chapters representative for CT, and Program Chair for HPSS. In addition, Dr. Harel is a Fellow of ASA.</td>
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<td>Mark Harris</td>
<td>Protégé</td>
<td>Mark Harris is an experienced Statistical Analyst/Data Scientist with a demonstrated history of working in legal and think tank industries. He attended UCLA, where he studied Applied Statistics and Data Science and the University of Pennsylvania where he studied Quantitative Methods in Higher Education. He is also a product of a Historically Black College/University (HBCU), where he did Mathematics and Sociology at Grambling State University. Mark has tremendous experience in the field of statistics and employs statistical models to help solve an array of problems across industries.</td>
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<td>Luvenia Hellams-Dorsey</td>
<td>Panelist</td>
<td>Dr. Luvenia Hellams-Dorsey received a Bachelor of Science degree in Mathematics from Spelman College and earned a Ph.D. in Statistics from Iowa State University with a focus on statistical genetics and bioinformatics. Dr. Hellams-Dorsey is currently an Assistant Vice President within the Operational Risk Modeling and Quantification team at Wells Fargo. Prior to joining Wells Fargo, Dr. Hellams-Dorsey was a Statistical Research Analyst with the State of Iowa Department of Revenue, where she worked in tax policy and payment modeling. Her research interests include extreme value theory, statistical computing and visualization, financial math and virology.</td>
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<td>Jose Hernandez</td>
<td>Protégé</td>
<td>Jose is a Data Scientist at the University of Washington’s eScience Institute. Jose’s interests include the application of data science methods on sociological data and building open source data tools to facilitate that process. Jose earned his doctorate at the University of Washington, with a focus in statistics and educational measurement. His doctoral research focused on assessing causal inference methodology in the absence of randomization on complex data structures.</td>
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<td>Rebecca Hubbard</td>
<td>Mentor</td>
<td>Rebecca Hubbard is an Associate Professor of Biostatistics at the University of Pennsylvania. She obtained her PhD in Biostatistics from the University of Washington in 2007. Her research focuses on statistical approaches to using electronic health records data to study health care outcomes and interventions in community medical practice. This work has been applied to studies of cancer screening, aging and dementia, and pharmacoepidemiology.</td>
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<tr>
<td>Mentor</td>
<td>Jacqueline M. Hughes-Oliver</td>
<td>Jacqueline M. Hughes-Oliver is Professor of Statistics at North Carolina State University. She earned her PhD in Statistics from NC State in 1991, following a BA in Mathematics from the University of Cincinnati in 1986. After one year at the University of Wisconsin—Madison, Dr. Hughes-Oliver returned to NC State where she transitioned through the usual academic ranks. From 2005 to 2009, Dr. Hughes-Oliver was Director of the Exploratory Center for Cheminformatics Research at NC State. Her methodological research focuses on prediction and classification, analysis of high-dimensional data, variable and model selection with dimension reduction, design and analysis of pooling or mixture experiments, optimal design, and spatial modeling. Dr. Hughes-Oliver is a Fellow of the American Statistical Association and was awarded the 2014 Blackwell-Tapia Prize for contributions to the mathematical sciences.</td>
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<td>Protégé</td>
<td>Ogochukwu Nneka Ifeacho</td>
<td>Ogochukwu Ifeacho is a Math enthusiast from Nigeria. She is currently a second year Master’s Student of Applied Mathematics at University of Texas at El Paso and also works as a Teaching Assistant. She got her Bachelors in Mathematics from The prestigious University of Nigeria, Nsukka with The ‘Best Graduating Female’ Award. She focuses mainly in The applications of Differential Equations in Finance and Mathematical Modeling while taking Statistics Electives to build her background in Data Analytics also. In her spare time, she enjoys board games like crossword puzzles etc. and loves to watch movies, dance, cook and travel.</td>
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<td>Protégé</td>
<td>Uchechukwu Ikeaba</td>
<td>Uchechukwu Ikeaba is a Biostatistics graduate of the University of Hasselt, Belgium and previously served as an intern at Accenture Belgium and Luxembourg Data Science unit, where he explored several machine learning models to solve practical business/HR problems. He is a recent graduate of West Chester University, and currently interns at the University of Pennsylvania’s School of Nursing Biostatistics Consulting Unit, under the supervision of Mr. Jesse Chittams. Uche has passion for data management, data visualization and statistical modeling.</td>
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| Fredina James  
| Participant |
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| Fredina James is a professional educator with 17 years of combined experience as a school counselor and teacher. She holds a Bachelor of Science degree in Psychology from Virginia State University, Masters of Education in Guidance and Counseling from Bowie State University and Graduate Certificate in School Administration and Urban Entrepreneurial Leadership from Johns Hopkins University. She is a current doctoral student earning a Ph.D. in industrial-organizational psychology. Fredina is a wife and mother of three. As a mother of a child who has been diagnosed with autism, she is a big believer in children’s mental health. Fredina advocates increasing school mental health services to support children with disabilities and diverse backgrounds. She has worked on a range of committees and organizations that serve minority populations and is a strong supporter of equitable minority representation in business and increasing minority representation within STEM occupations. Additionally, Fredina provides consultancy services through her business Educational Architects Consulting which offers a range of technical and organizational assistance and parent advocacy support. To contact Fredina please email fjames@edarchitectsconsulting.com or visit edarchitectsconsulting.com. |

| Lizeyka Jordan  
| Participant |
| --- | --- |
| Lizeyka Jordan is a Statistical Analyst at the VNSNY Center for Home Care Policy & Research. In this role, she is responsible for generating reports summarizing applicable trends and provides research and administrative support, including assistance with the development of research proposals, implementation of research designs for several senior researchers and the Center’s external collaborators. Ms. Jordan graduated from CUNY school of Public Health at Hunter College in May 2017 with a Master’s degree in Epidemiology and Biostatistics. Her thesis explores an algorithm developed to predict the treatment and cure rates of new highly effective treatment regimens for chronically infected individuals with Hepatitis C in New York City. Her previous working experience includes three years of experience at the NYC department of Health and Mental Hygiene where she’s performed a variety of work for the Bureaus of Immunization, Sexually Transmitted and Communicable Disease. |
| **Stephine Keeton**  
Mentor | Stephine Keeton, Ph.D., a graduate of the University of Mississippi, is a Biostatistics Team Leader at Pharmaceutical Product Development (PPD), Inc. In her current position, she is responsible for supervising directly reporting statisticians, acting as lead statistician or senior statistical reviewer on multiple projects and budgets, overseeing the project work of directly reporting statisticians, and participating in Data Safety Monitoring Board and Data Monitoring Committee activities. Prior to joining PPD, she worked as a Lead Mathematical Statistician at the Center for Drug Evaluation and Research at FDA, Division of Biometrics VII where she was responsible for leading one of the statistical teams in the division to review pre- and post-market regulatory submissions to evaluate specific safety concerns related to pharmaceutical products. She actively participates in various activities in the statistical community, such as, planning workshops, and organizing sessions at conferences. She currently is the 2019 Program-Chair Elect for the ASA Biopharmaceutical Section. She previously served as the Council of Sections Representative (2011 – 2013) as a member of the Executive Committee for the ASA Biopharmaceutical Section, as a member of the ASA Council of Sections Nominations Committee (2012 – 2014), and as a member of the Steering Committee for the 2016 ASA Biopharmaceutical Section Regulatory-Industry Statistics Workshop. |
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| **Christopher Kinson**  
Mentor, Panelist, Committee Member | I was born and raised in Albany, GA. I attended Albany State University as a Velma F. Grant Honors Scholar, majored in mathematics, and graduated in 2011. During my undergraduate experience, I gained insights about research and graduate school by participating in summer research internships. I realized that I receive joy from helping others, and my capacity to teach and tutor was expanded when I became a peer tutor. I began graduate school in the fall of 2011 at University of Illinois at Urbana-Champaign as a Statistics PhD student. In 2012, I was awarded the NSF Graduate Research Fellowship. In that same year, I joined the Black Graduate Student Association at UIUC and served as the treasurer for two consecutive years. After a few years of coursework and research under the advisement of Prof. Annie Qu, I defended my dissertation in July of 2017 and graduated in August of 2017. After graduation, I joined the faculty of the Department of Statistics as a Visiting Assistant Professor. I am currently a Teaching Assistant Professor in the department and serve as an Academic Advisor role for the department’s Masters Program. |
| **Peter Enyonam Kornyoh**  
Participant | My name is Peter Enyonam Kornyoh, a graduate research assistant at Lawrence Technological University. I am in the structural engineering program. Aside from Civil engineering, I have a penchant for programming and photography. During my leisure time, I try to learn new things and watch soccer. |
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<td>Emmanuel Kusi</td>
<td>Participant</td>
<td>Emmanuel Kusi was born on December 04, 1992. The son of Mary and Paul Kusi. June 2016, he was awarded with a First Class Honors in Mathematics and employed by the Kwame Nkrumah University of Science and Technology as a Teaching and Research Assistant in the Department of Mathematics with Professor Francis Tabi Oduro for the academic year 2016/17. Spring 2019, he graduated his masters degree in Applied Mathematics at the University of Texas at El Paso. Currently, he has gained both admission and assistantship offer in the Ph.D. Mathematical modeling at the Rochester Institute of Technology for the Fall 2019.</td>
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<td>Irene Larbi</td>
<td>Participant</td>
<td>Irene Larbi has a master’s degree in Statistics and a bachelor’s degree in Actuarial Science. She’s an ambitious data analyst who has keen interests in data analytics, risk management and research. She currently interns in an actuarial consulting firm - retirement line of business. She is involved in pension plan design, funding and accounting valuations and data management. With time, Irene has developed vast experience in using various data analysis tools and is looking for opportunities for growth in the industry. She supports multicultural diversity and is passionate about women advancement in workplaces. She enjoys outdoor activities, her favorites being travelling and sightseeing. She resides in Alexandria, Virginia.</td>
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<td>Steven Lawrence</td>
<td>Participant</td>
<td>Steven Lawrence is a graduate of CUNY Medgar Evers college with a bachelors in Biology and minor in Mathematics. He will be matriculating into the MS in Biostatistics program at Columbia University Mailman School of Public Health in the fall of 2019. Currently, Steven is in the Emergency Medicine Research Summer Training program at Mount Sinai Hospital as a research assistant focusing on the geographic distribution, seasonality, and temporal trend of skin bleaching Interest in the US: a surveillance proxy in the absence of national prevalence estimates. He hopes to pursue a PhD in Biostatistics using his acquired skills to help advance the healthcare system in disadvantaged communities.</td>
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<td>Jasmine Mack</td>
<td>Participant</td>
<td>Jasmine received a Master in Public Health in 2016 from Boston University School of Public Health with a focus in Maternal Child Health and Biostatistics and a Bachelor of Science in 2014 from Emory University in Biology, Psychology, and Linguistics. Jasmine has been driven by both research and community-based work with the hopes of practicing public health and storytelling with data. She has over five years of advanced statistical programming experience in addition to experience with research concerning statistical genetics, racial disparities, maternal/infant outcomes, childhood adversity, and intimate partner violence. Previously, Jasmine provided statistical support and data management supervision for the University of Florida’s Department of Epidemiology and the Center for Arts in Medicine. She also served as a biostatistician for the University of Florida’s Department of Health Outcomes and Biomedical Informatics. In Fall 2019, Jasmine will be an incoming graduate student in Biostatistics at the University of Michigan.</td>
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| Pratik Manandhar  
Panelist | First introduced to statistics through JSM 2012 in San Diego, I completed my Master’s degree in Biostatistics from University Of Texas School Of Public Health, Houston, Texas in 2015 and moved to North Carolina to start my career at Duke University. As a Biostatistician-II for Duke Clinical Research Institute, I spent the past four years working on multiple collaborations with Cardiologists and Emergency Physicians which resulted in numerous abstracts, presentations as well as five recent journal publications. A typical work day involves analysis of retrospective registry data and production of various tables, figures and reports via SAS software for publication purposes. |
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| Joshua Manu  
Participant | Joshua Manu is an aspiring data scientist currently pursuing his master's degree at the University of Akron, Ohio. He finds data sciences and statistics fascinating. His aspirations have led him to serve as an intern with the Summit County Executive (Ohio) Data and Geographic Information Systems (GIS) Department where he uses GIS and other tools in a population-based study concerning the community and economic development goals. Here, he has learned how statistics and data analysis can be employed to diagnose community problems; to look toward solutions; and to help craft developmental goals. Joshua studies various data tools and programming languages. Joshua's favorite motto comes from an Akan proverb; Wise knots are loosened by wise men: meaning that complex matters deserve attention and creative problem-solving to "untangle" and arrive at a balanced solution. He resides in Akron, Ohio and enjoys sightseeing during vacations. |
| Miguel Marino  
Panelist | Miguel Marino, PhD is an Associate Professor of Biostatistics in the Department of Family Medicine at Oregon Health & Science University (OHSU), with a secondary appointment in the OHSU-PSU School of Public Health. In 2011, Dr. Marino obtained my PhD in Biostatistics from Harvard University. Afterwards, he became a Harvard Chan Yerby Postdoctoral Fellow at Harvard University until 2012 when he accepted an assistant professor position at OHSU. Miguel’s current research interest lies in population-based studies using large administrative observational data sources and electronic health records (EHRs). Specifically, his focus is on development and implementation of novel statistical methodology to address complexities associated with the use of EHRs to study changes in policy, health disparities, social determinants of health, validation of EHRs as a reliable source for observation studies, and design/analysis of cluster-based randomized trials. Miguel currently serves as the statistical editor for the Annals of Family Medicine. |
| Guilherme Marthe  
Protégé | Guilherme Marthe is a Brazilian data scientist currently working in consumer loans at a financial startup focused on people with restricted access to banking and financial products in Brazil. He has a rather diverse past in dealing with data, having worked in agriculture, IoT, clean energy, fashion, online marketplaces, infrastructure, antitrust and macroeconomics. His activities data analysis, statistical modelling, data engineering and automated decision making, usually in end to end workflows and applications. |
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<td>Elvis Martinez</td>
<td>Elvis Martinez is an Associate Consultant, Personal Insurance R&amp;D, Travelers Insurance. Elvis’ duties consist of building pricing models for home and auto insurance. He has been work at Travelers since January 5, 2015. Prior to that, Elvis moved to Tallahassee, FL in 2005, from the Bronx, New York. Upon arrival, he started attending Tallahassee Community College, where he graduated with honors. After graduating Tallahassee Community College, he went on to double major and receive his Bachelor’s degree in Applied Math and Statistics from Florida State University and then earned his Master’s degree in Bio-statistics from Florida State as well. Elvis then graduated Florida State with a PhD in bio-statistics in December 2014. He can be reached via email at <a href="mailto:emartin5@travelers.com">emartin5@travelers.com</a>.</td>
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<td>Evidence Matangi</td>
<td>Evidence S. Matangi is a Fulbright scholar from Zimbabwe and PhD candidate at Purdue University. He did his BSc. And MSc. In Statistics at the University of Zimbabwe, and a postgraduate diploma in Mathematical Sciences at Cape Town University, South Africa. He completed a second Masters in Mathematical Statistics at Purdue University. He has taught undergraduate courses at the University of Zimbabwe. He has done statistical consulting work in Zimbabwe and with Purdue’s Statistical Consulting Services. His research and publication interests are in time series modeling, process improvement, statistical education, leadership, &amp; consulting, experimental economics, ECD and women’s education in developing countries. He loves traveling, reading, watching soccer and basketball.</td>
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<td>Heather Mattie</td>
<td>Heather Mattie is an instructor of data science and the executive director of the Health Data Science Master’s program in the Biostatistics department at the Harvard T.H. Chan School of Public Health. She teaches several courses including Introduction to Data Science, Reproducible Data Science, and Data Science II: Deep Learning. Her research interests include methods for minimizing algorithmic bias, methods for social network data imputation, the estimation and prediction of tie strength in large-scale social networks, and studying the causes and potential pathways of improvement for health disparities. Heather is also highly involved in the diversity and inclusion efforts of the School and teaches and mentors underrepresented minority students each summer as part of the Summer Program in Biostatistics and Computational Biology hosted by the department of Biostatistics. Heather also works as a data scientist for Wellframe, a Boston-based digital health company, working to improve health management targeting efforts.</td>
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<td>Melanie Mayer</td>
<td>Melanie Mayer is working towards her PhD at Columbia University’s Mailman School of Public Health in the Department of Biostatistics. She is primarily interested in causal inference methods and the transferability of study results to a target population. She wishes to ultimately improve the ability to show causality in order to use more results to promote policy change. Melanie’s applied interests include global health, health disparities, and environmental health. She is currently working on methods for high dimensional environmental exposures under Dr. Linda Valeri.</td>
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| **Leslie McClure**  
Speaker | Dr. McClure is Professor & Chair of the Department of Epidemiology and Biostatistics at the Dornsife School of Public Health at Drexel University. Her expertise is in the design and analysis of multicenter trials, as well as issues of multiplicity in clinical trials. Dr. McClure also does work to try to understand disparities in health, particularly racial and geographic disparities, and the role that the environment plays in them. She is currently the Director of the Coordinating Center for the Diabetes LEAD Network, and the Director of the Data Coordinating Center for the Connecting the Dots: Autism Center of Excellence. In addition to her research, Dr. McClure is passionate about increasing diversity in the math sciences, and devotes considerable time to mentoring younger scientists. Dr. McClure enjoys spending time with her husband, children, and dog, and recently completed her first triathlon. |
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| **Ashley McCook**  
Protégé | Ashley McCook is a junior level Statistician at the University of California, San Francisco. Ashley obtained her Master of Public Health-Biostatistics from Georgia State University, School of Public Health. She then worked at Stanford University’s Bioinformatics Department as a Biostatistician, conducting statistical analysis summarizing patient and clinical characteristics of patients who suffer from spontaneous cerebrospinal fluid leaks. At ANSIRH (Advancing New Standards In Reproductive Health), her primary projects include working on the Google AdWords research project to examine factors that impact the likelihood of women considering an abortion successfully obtaining an abortion. Her statistical interests focus on methods for analyzing epidemiologic/public health studies, statistical computing, health outcomes, and clinical trial. |
| **Darius McDaniel**  
Mentor, Committee Member | Darius McDaniel currently serves as a Sr. Biostatistician in the Alzheimer’s Disease Research Center at Emory University’s School of Medicine and is a biostatistics/informatics instructor in the School of Public Health. He previously worked at the CDC in the Division of Viral Diseases in Atlanta, GA. He graduated with his MSPH in Public Health Informatics from Emory and BS in Mathematics and Applied Statistics from Alabama A&M University |
| **Dominique McDaniel**  
*Panelist, Participant* | Dominique McDaniel is a PhD student in Statistics and Purdue Doctoral Fellow at Purdue University. Dominique completed her undergraduate studies in Mathematics at Cheyney University of Pennsylvania. She also holds a Masters of Science degree in Applied Statistics from West Chester University. Prior to starting her doctoral studies, Dominique worked in pharmaceutical industry at Eli Lilly & Company in Indianapolis, IN. Dominique’s research interests include Bayesian & Spatial Statistics, Clinical-Trial Development, and Causal Inference. |
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| **Gerard McGruder**  
*Participant* | I am a Senior Undergrad student at Kennesaw State University. I am majoring in Computational Applied Mathematics with a minor in Applied Statistics. I look forward to attending this workshop to network and gain more knowledge about potential careers in the Data Science field. |
| **Nancy McKeon**  
*Participant* | I’m very excited to be attending my first JSM Conference. I am a rising junior at Rutgers University double majoring in Environmental Policy and Public Health with an interest of analyzing health disparities through the lens of statistical analysis and geospatial tools. My research experience includes working at Rutgers University’s GeoHealth Lab as an honors intern, being a summer research intern at the University of Pennsylvania’s Center of Excellence in Environmental Toxicology, and as a member of Columbia University’s Mailman School of Public Health’s Biostatistics and Epidemiology Summer Training Diversity Program 2019 cohort. I hope to find further guidance in my career path through the help of this summer’s Diversity Workshop and Mentoring Program. |
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<td>Speaker, Mentor, Moderator, Committee Co-Chair</td>
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<td>Brian A. Millen is a Senior Director in Lilly’s Global Statistical Sciences (GSS) department, with responsibility for the neuroscience therapeutic area and other programs in the BioMedicines business unit. In this role, Dr. Millen provides strategic input to clinical programs and strategy while leading the team of statisticians that work in this area. Dr. Millen’s career with Lilly spans over 18 years in various technical and leadership roles in GSS and Advanced Analytics. His research interests include multiple testing, adaptive design, and methods to enable tailored therapeutics. Dr. Millen is a passionate advocate for diversity and inclusion (D&amp;I). He serves on Lilly Research Lab’s D&amp;I Council, is past Chair and current advisor to the American Statistical Association’s (ASA) Committee on Minorities in Statistics, and is the founder (2009) of the JSM Diversity Workshop and Mentoring Program. Dr. Millen also serves on the Executive Committee of the ASA Biopharmaceutical Section and nominations committee for the ASA Council of Sections. Dr. Millen holds a PhD in Statistics from The Ohio State University and a BA in Mathematics from the University of Georgia. He is a Fellow of the American Statistical Association.</td>
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<th>Marianne Miller</th>
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<td>Committee Member</td>
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<td>Mary is a Senior Statistician at Eli Lilly and Company in Indianapolis for early phase Immuno-oncology clinical trials. Preceding Lilly, she spent 3 years as a statistical analyst for the University of Pennsylvania’s School of Nursing, Biostatistics Consulting Unit in Philadelphia, PA. Mary received her Bachelor of Science in Mathematics from Bryn Mawr College, and her Master of Science in Biostatistics from The Dana and David Dornsife School of Public Health in Philadelphia at Drexel University. She is also an active member of ASA and is currently the secretary and Chair-Elect for SSPA (Section for Statistical Programmers and Analysts). With a passionate goal of increasing diversity and the representation of women within the field of statistics and applied mathematics, she enjoys working with diversity and inclusion initiatives at Eli Lilly and actively participating in diversity workshops sponsored by ASA. Her research interests include advanced visual analytics and statistical consulting. LinkedIn: <a href="https://www.linkedin.com/in/mary-miller-ms-3b077867">https://www.linkedin.com/in/mary-miller-ms-3b077867</a></td>
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<th>Gabriel Montague</th>
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<td>Participant</td>
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<td>I am Gabriel Montague, a junior at NC State University, where I am majoring in Statistics and minoring in Spanish. At NC State I am a College of Sciences Ambassador, an Undergraduate Admissions Intern, and the Director for Uninhibited Praise Gospel Choir. My passion for Statistics started after my AP Statistics class in high school, and has grown stronger as I’ve learned about how it is used in almost every field in some way. I love Statistics because it provides opportunities to solve real world problems using reliable methods and to present the results in ways that are accurate, but also understandable to the general public. Although I love the versatility of Statistics and Data Analytics, I am trying to find my niche in the field, so I can begin gaining experiences in that area. I want to learn more about Biostatistics and Epidemiology because I believe my technical skills can be used to make improvements throughout the Health field. I’m looking forward to JSM 2019 to learn making meaningful connections with students and professionals as I learn more about my future career field.</td>
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| **Iván Montoya**  
| **Protégé**  
| ![Iván Montoya](image1.png)  
| Iván Montoya is a public health professional passionate about global health and development, displacement, social justice, and using data to solve problems and find opportunities. Iván is a Biostatistician in the John P. Hussman Institute for Human Genomics at the University of Miami (UM) Miller School of Medicine working in research understanding Alzheimer’s disease in Black and Latinx populations through a public health and epi-genetics lens. Iván received his Master’s in Public Health at Boston University’s School of Public Health concentrating in Epidemiology and Biostatistics. Prior to joining the team at UM, Iván worked in addiction medicine research and on a QI project increasing low-dose aspirin prescription to pregnant women at risk for preeclampsia. In these positions, Iván assisted in the planning and implementation of investigations, managed research and program data ensuring quality and reliability, and provided quantitative and qualitative analysis to furnish insights and make recommendations. Iván earned his Bachelor’s degree in International Studies with a focus on Global Health from the University of Michigan, where he additionally worked with a team modeling HPV-related oropharyngeal cancer. |

| **Delante Moore**  
| **Participant**  
| ![Delante Moore](image2.png)  
| For the past decade and a half Delante Moore has offered his ingenuity and technical know-how in the fields of data science and systems engineering enable decision making for ground combat commanders. Delante is currently an Operations Research / Systems Analyst in the United States Army. In that role he Designs, develops, and communicates quantitative and qualitative analysis using statistics, simulations, and applied mathematical models commander of a 25,000 person Armored Division. Prior to assuming this role Delante served as an Assistant Professor in the Department of Systems Engineering at his alma mater the United States Military Academy at West Point, NY teaching courses ranging from project management to stochastic models. |
**Reneé Moore**  
Panelist

Reneé H. Moore, Ph.D., is a Research Associate Professor in the Department of Biostatistics and Bioinformatics, Rollins School of Public Health, and Director of the Biostatistics Collaboration Core at Emory University. She earned a Bachelor of Science in mathematics and completed the secondary mathematics education program at Bennett College and earned her PhD in Biostatistics from Emory University. In her first faculty position at the University of Pennsylvania, Perelman School of Medicine, primary appointment in the Department of Biostatistics and Epidemiology and secondary appointment in the Department of Psychiatry, Dr. Moore was actively involved in designing and implementing clinical trials via Data Coordinating Centers and was the faculty statistician in the Center for Weight and Eating Disorders. Next Dr. Moore taught up to seven classes per year and continued her obesity research at North Carolina State University, Department of Statistics. In 2015, Dr. Moore returned to Emory University. She spends her time mentoring, teaching, and collaborating with clinical investigators from Penn, UNC, Emory, and beyond. Dr. Moore is a Fellow of the American Statistical Association (ASA). She is the current Treasurer of ENAR (the Eastern North American Region of the International Biometric Society). Dr. Moore is a past chair of the ASA Committee on Minorities in Statistics (StatFest), past co-chair of the ENAR Fostering Diversity in Biostatistics Workshop, and remains very active in these and other initiatives within ENAR and ASA.

**Knashawn H. Morales**  
Panelist, Mentor

Knashawn H. Morales received her Bachelor’s in Mathematics in 1995 from Hampton University and earned a doctorate in Biostatistics in 2001 from Harvard School of Public Health. After two years as a Research Scientist at the New England Research Institutes, Dr. Morales joined the University of Pennsylvania in 2003 where she is currently Associate Professor of Biostatistics in the Department of Biostatistics, Epidemiology and Informatics at the Perelman School of Medicine. She collaborates with investigators on research with a primary focus in mental health and behavioral modification interventions for asthma, insomnia, weight management, and HIV/STD risk reduction. Her methodological experience includes longitudinal data analysis, latent variable modeling, and categorical data analysis. Knashawn is committed to increasing the pipeline of biostatisticians and has actively participated in outreach and diversity initiatives. She enjoys formal and informal mentoring of both students and junior investigators. Knashawn has been fortunate to have instrumental mentors and she aspires to be a positive influence for others.

**Hector Moran**  
Participant

Hector Moran is a rising senior majoring in bioinformatics & Afro/Latino studies at Hunter College. He plans on pursuing a career in biostatistics with the hope of applying rigorous methodology and analysis to health disparities research, while also incorporating anti-racism into science. He is currently a research fellow at Memorial Sloan Kettering Cancer Center’s quantitative sciences undergraduate research experience (QSURE) program. During the semester he works at the PRIDE Health Research Consortium and at the Icahn School of Medicine at Mount Sinai in New York City. Hector enjoys chilling to r&b music, cooking, reading fiction novels, and watching Marvel movies.
| **Sally Morton**  
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<td>Sally C. Morton is Dean of the College of Science at Virginia Tech. Dr. Morton's previous positions include Chair of Biostatistics at the University of Pittsburgh, Vice President for Statistics and Epidemiology at RTI International, and Head of the Statistics Group at the RAND Corporation. Her methodological work focuses on patient-centered comparative effectiveness and research synthesis. She was the 2009 president of the American Statistical Association (ASA), and received a PhD in statistics from Stanford University.</td>
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| **Jami Jackson Mulgrave**  
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<td>Dr. Jami Jackson Mulgrave is a National Library of Medicine postdoctoral research fellow at Columbia University in the Department of Biomedical Informatics and her advisor is Dr. George Hripcsak. Her work involves using data assimilation to estimate parameters related to Type 2 diabetes. She earned a PhD in Statistics from North Carolina State University where she was awarded the NSF graduate research fellowship. Her dissertation research involved using Bayesian methods to learn semiparametric graphical models and her advisor was Dr. Subhashis Ghoshal.</td>
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| **Emmanuel Nkansah**  
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<td>I received both my Bachelor of Arts and Master of Arts degree in Economics from the University of Cape Coast, Ghana and the University of Akron, United States in 2014 and 2017 respectively. Since then, I have worked with Omega1 Properties LLC and Winsupply as a data analyst. I have co-authored a paper on willingness to pay for solid waste disposal published in UDS International Journal of Development (UDSIJD).</td>
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<tr>
<td>Christina Nurse</td>
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<td>Blaise Simplice Talla Nwotchouang</td>
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<tr>
<td>Daniel Ojeranti</td>
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| **Yunusa Olufadi**  
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<td>Yunusa Olufadi is a doctoral candidate in the Department of Mathematical Sciences majoring in Applied Statistics at the University of Memphis. He has published more than 10 articles and participated in several conferences as presenter and participant. Prior to starting his PhD degree, Yunusa is the first Statistics Faculty Member to be hired by the Kwara State University, Malete, Nigeria. He has taught several undergraduate Statistics classes and helped the Chair coordinate the Statistics Program.</td>
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| **Yorkow Oppon-Acquah**  
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<td>Yorkow Oppon-Acquah is a Ghanaian and a student of politics. He earned his Bachelor of Arts in Political Science with Philosophy and Classics from the University of Ghana and holds a Master of Applied Politics degree from the University of Akron. He is currently a Ph.D. Political Science student at the University of Cincinnati and has a penchant for using statistical analysis to tell compelling stories about politics. Yorkow’s research concentrations are in Public Opinion, Political Psychology, and Political Behavior.</td>
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| **Oluyemi Oyeniran**  
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<td>Oluyemi Oyeniran PhD is a Statistician at Johnson and Johnson with more than 2 years’ experience supporting cross-pharma non-clinical statistical support to manufacturing, biotechnology, regulatory groups and pharmaceutical development across various therapeutic areas for both small and large molecules. He is an accredited GStat holder of the American Statistical Association, and a member of the ASA Philadelphia Section. Oluyemi received his MS in Applied Mathematics from Ohio University and his Ph.D. in Statistics from Bowling Green State University, Ohio in 2016.</td>
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| **Oluwasola (Sam) Oyeniran**  
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<td>Sam is currently a master student in the Applied Statistics Department at The West Chester University of Pennsylvania (WCUPA), where he currently instructs classes in chemistry and statistics to undergraduate students. Sam has more than 3 years analyst experience in pharmaceuticals. Sam is proficient in R and SAS. His interest is in Biostatistics. He’s a member of American Statistical Association, West Chester University of Pennsylvania.</td>
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Sastry G. Pantula, Dean of the College of Natural Sciences at CSUSB, is nationally and internationally recognized as a leader in statistical sciences. Most recently, he has served as the Director of Data Analytics programs at Oregon State University (OSU). Also, he has served as the dean of the College of Science at OSU from August 2013 to August 2017, after serving a three-year term as the Director for the Division of Mathematical Sciences at NSF. Pantula spent more than 30 years as a statistics professor at North Carolina State University (NCSU), where he began his academic career in 1982. At NCSU, he also served as the Director of Graduate Programs (1994-2002) and the Head of the Department of Statistics (2002-2010). He is a Fellow of the American Association for the Advancement of Science and the American Statistical Association (ASA). He served as ASA president in 2010 and received the ASA Founders Award in 2014. Pantula is a member of the honor societies Phi Kappa Phi, Sigma Xi and Mu Sigma Rho. He is also a member of the NCSU Academy of Outstanding Teachers. Pantula received bachelor’s and master’s degrees in statistics from the Indian Statistical Institute in Kolkata, India, and a Ph.D. in statistics from Iowa State University.

Rachel S. Parker is an incoming Biostatistics PhD student at Emory University. She is currently a Data Analyst at MAVERIC (US Department of Veterans Affairs) for the Cardiology Consortium Research Team. In this role, she performs SQL programming, data extraction and statistical analysis aimed at improving the health of veterans. In 2017, she received her MPH with a concentration in Biostatistics from Boston University where she served as a Peer Tutor, Research Assistant, Teaching Assistant, Co-Instructor and Vice President of Outreach and Engagement for the Biostatistics Student Association. Prior to Boston University, Rachel received a BS in Applied Mathematics from the University of Central Arkansas.

Jeremiah Perez, PhD, is a Senior Biostatistician at Boston Biomedical Associates (BBA), a full-service medical device and biotech clinical research organization (CRO). Dr. Perez provides statistical support in the design and analysis of clinical trials, patient preference studies, and observational studies across several biomedical research areas including, but not limited to, cardiology, endocrinology, oncology, neurology, and hepatology. Prior to joining BBA, Dr. Perez was a Research Associate at the Center for Biostatistics in AIDS Research (CBAR) at the Harvard School of Public Health and a Research Fellow at the Food and Drug Administration’s (FDA) Center for Drug Evaluation and Research (CDER). He received his Ph.D. in Biostatistics from Boston University, M.S. in Statistical Computing from the University of Central Florida, and B.S.B.A in Decision & Information Sciences from the University of Florida. Dr. Perez is currently the Webmaster for the Boston Chapter of the ASA and member of ENAR’s Council for Emerging and New Statisticians (CENS).
Bill Pikounis is Head of Manufacturing and Applied Statistics at Janssen R&D, the pharmaceutical division of Johnson & Johnson. He oversees worldwide statistical services and products to serve areas of manufacturing of biotech (biologic, large) molecule, vaccine, and small molecule (pill, tablet) products. Bill joined Johnson & Johnson in January 2005 when a dedicated Nonclinical Statistics group was created at Centocor, the legacy biotechnology operating company of Johnson & Johnson. Nonclinical statisticians provide statistical services and products to virtually any medicine research area outside of clinical trials. This includes discovery, basic research, safety, development, and product formulations and manufacturing. Previously Bill was at Merck in preclinical and nonclinical statistics, after receiving his Ph.D. from the University of Florida. Bill has served as president of the Princeton-Trenton chapter of the American Statistical Association (ASA) and the Philadelphia Chapter of the ASA. Bill is an American Statistical Association (ASA) Fellow. His professional technical interests lie in data graphs, resampling methods, resistance & robustness, longitudinal data analysis, statistical computing, and software solutions. For more details see http://billpikounis.net/.

Dionne Price obtained a M.S. in Biostatistics from the University of North Carolina at Chapel Hill and a Ph.D. in Biostatistics from Emory University. During her career at the Food and Drug Administration, she has served as a statistical reviewer and a team leader in the Center for Drug Evaluation and Research. Currently, she is the Director of the Division of Biometrics IV. In this role, Dr. Price provides leadership to statisticians involved in the application and development of methodology applied to anti-infective, anti-viral, ophthalmology, and transplant drug products. Dr. Price is an active member of the International Biometric Society, the American Statistical Association, and the Food and Drug Administration Statistical Association. She has held numerous elected positions within several professional organizations.

Jessica Randall is a Biostatistician at the Emory University Integrated Computational Core where she provides integration and analysis of clinical and –omics data. She graduated from the Rollins School of Public Health at Emory University in May 2019 and holds a Masters in Public Health. Throughout her time at Rollins Jessica worked at the U.S. Centers for Disease Control and Prevention on modelling the serological prevalence of trachoma. Prior to attending Rollins she served as a U.S. Peace Corps Volunteer in the Republic of Moldova from 2015-2017, providing technical assistance in health education and community development.
| **Andrew Reid**  
| Participant  
| ![Andrew Reid](image) | Andrew is a Data Manager at Tennessee State University where he works with researchers to identify best practices to keep students in the STEM pipeline. He is a graduate of the Oakwood University. He graduated in 2009 with a BS in Biomedical Sciences. He is also graduate of Georgia State University (GSU) where he received his MS in Biology and is finishing requirements for his Masters in Public Health with a Concentration in Biostatistics. Mr. Reid is a dedicated young investigator and has participated in numerous research projects. While at GSU, Andrew spent time at the Centers for Disease Control and Prevention where worked under the mentorship of Dr. Jason Hsia. He worked in the Division of Population Health where he learned about various sampling techniques and conducted trend analysis on declining prevalence of smoking. Andrew plans to further his education by pursuing a doctorate in biostatistics. |
| **Chelsea Robalino**  
| Participant  
| ![Chelsea Robalino](image) | Chelsea Robalino is a graduate of the Master of Statistics program at North Carolina State University. She completed a concentration in Biostatistics and participated in the T32 Training Grant, “Integrated Biostatistics Training for Cardiovascular Disease Research.” Additionally, she was a mentor for the Summer Institute in Biostatistics program and a Teaching Assistant for the PhD Linear Models course. Chelsea is originally from Tampa, Florida and received bachelor degrees in both Mathematics and Statistics from the University of Florida. Chelsea will be participating in the JSM Career Service and is looking for a job in the Washington, D.C. area. |
| **Natalie Cheung Rotelli**  
| Mentor  
| ![Natalie Cheung Rotelli](image) | Natalie Cheung Rotelli received her BSPH in Biostatistics in 1999, and a Masters in Biostatistics in 2003 from University of North Carolina, Chapel Hill. She has worked at a contract research organization, academia, government, and non-profit. For the past 13 years, Natalie Cheung Rotelli has worked at Eli Lilly and Company. Her positions include Computational Statistician for the Statistical Innovation Group and now Manager of the Design Hub Analytics group. She is also very active in the American Statistical Association. She remains a loyal UNC Tarheel fan despite her Midwest address. |
| **Isaac Sanchez**  
Protégé | Isaac Sanchez graduated in September 2018 from The University of Oregon with a Bachelor of Science degree in Economics, where his studies focused on labor and health economics and econometric methods. Isaac has used statistical programming tools to study antitrust issues in healthcare and agriculture, centered primarily around analyzing trends in healthcare coverage and costs on a state by state basis and across the U.S, as well as firm behavior in the energy and agriculture sectors given government regulation. Particularly, he is interested in studying how antitrust enforcement practices of the USDA and DOJ have evolved over time and how they affect the American farmer’s ability to compete globally. He is currently seeking opportunities that will challenge him as a policy analyst and sharpen his abilities as a statistical programmer. |
|---|---|
| **Busola Sanusi**  
Protégé | Busola is a doctoral candidate at the Department of Biostatistics and a graduate research assistant at the Lineberger Comprehensive Cancer Center, University of North Carolina, Chapel Hill. She is a fellow and a 3-year recipient of an academic and research scholarship from the Schlumberger faculty for the future program (2015 – 2018). She is also a recipient of the 2019 ASA Biopharmaceutical Section Award. Busola completed her undergraduate degree in Mathematics & Statistics at the University of Lagos, where she received the Vice Chancellor Prize for the best graduating student in the faculty of science, and her masters’ degree in Mathematics at Central Michigan University. She previously worked as a Biostatistics Ph.D. intern at Merck Pharmaceuticals (2016) and at Takeda Oncology (2017). Busola’s research interests are survival analysis, infectious diseases, clinical trials and evaluation of surrogate markers. She has focused on collaborative global research projects that address the prevalence, screening, and treatments of human papillomavirus (HPV), human immunodeficiency virus (HIV) and cervical cancer. |
| **Nagambal Shah**  
Committee Member | Nagambal Shah is currently professor Emerita of the Spelman College Mathematics Department where she has served for more than forty years. She received her Bachelor’s degree in Mathematics and Masters in Statistics from India and M.S. and Ph.D. from University of Windsor in Ontario Canada. Several of her students have gone to graduate school and received Ph.D. in Statistics/Biostatistics from institutions like MIT, UNC Chapel Hill, University of Maryland, U.C. Berkeley, University of Birmingham Alabama, Rice University, NC State University and SUNY. In 2001 she coordinated and hosted at Spelman College the first StatFest, a one day conference aimed at encouraging undergraduate Minority students to pursue careers and graduate studies in statistical sciences; StatFest continues to be a major activity of the ASA’s Committee on Minorities in Statistics. In 2005 she spearheaded the efforts to host and obtain funding for the first Infinite Possibilities Conference. She is an advocate for diversity in graduate education, especially for minorities and women and received the 2001 Martin Luther King Jr. Community service Award for Excellence in Education and Diversity from Emory University. In 2003 she was selected as a SENCER (Science Education for New Civic Engagements and Responsibilities) faculty by AAC&U for her course CHANCE which was selected as one of four featured SENCER Models. She is the 2005 recipient of Spelman College Presidential Award for College Service, the 2006 Vulcan Materials Co. Teaching Excellence Award and 2014 True Blue Award. She is a Fellow of ASA. |
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<tr>
<th>Felicia R. Simpson</th>
<th>Felicia R. Simpson, Ph.D. is an Assistant Professor in the Department of Mathematics at Winston-Salem State University. Dr. Simpson received her BA in Mathematics from Albany State University and her Ph.D. in Biostatistics from Florida State University. Prior to joining Winston-Salem State University, Dr. Simpson worked as a Mathematical Statistician at the Center for Drug Evaluation and Research at FDA, Division of Biometrics IV. Her research interests include design and analysis of clinical trials, aging, survival analysis, latent class analysis, and the study of rare infectious diseases. Dr. Simpson is an active member of the ASA and International Biometric Society. She is passionate about increasing the exposure of statistics and biostatistics among students in underrepresented populations. Dr. Simpson a member of the committee on minorities in statistics from the American Statistical Association and currently serves as co-chair for the ENAR Fostering Diversity in Biostatistics Workshop.</th>
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<td>Sean Simpson</td>
<td>As an Associate Professor in the Department of Biostatistical Sciences at the Wake Forest School of Medicine (WFSM), Sean Simpson has participated in various imaging-focused collaborative and methodological research with a number of scientists and interdisciplinary groups. His current work involves an ongoing collaboration with the Laboratory for Complex Brain Networks (LCBN) at WFSM. His focus is on the development of statistical tools for the analysis of whole-brain network data. He believes that studying the brain as a system and statistically accounting for the inherent complexity in the way various regions of the brain interact will engender a more biologically meaningful approach to understanding the root causes of a number of brain diseases and disorders. In addition to his appointment at WFSM, Dr. Simpson is an adjunct associate professor at UNC – Chapel Hill, affiliate faculty in Biomedical Engineering and Neuroscience at WFSM, a member of the Laboratory for Complex Brain Networks, and an Affiliate of the May Angelou Center for Health Equity. Dr. Simpson holds a Bachelor of Arts in Applied Mathematics from Harvard and a PhD in Biostatistics from the University of North Carolina at Chapel Hill.</td>
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<td>Brianna Stephenson</td>
<td>Briana Stephenson, a Maryland native, graduated from Massachusetts Institute of Technology with a degree in mathematics. While working as a statistician for the U. S. Food and Drug Administration and Department of Defense, she earned a MPH in biostatistics at George Washington University. This pushed her to continue her education at UNC Chapel Hill, where she earned a PhD in biostatistics from the Gillings School of Public Health. She completed her postdoctoral training at the UNC Collaborative Studies Coordinating Center where she worked on the Hispanic Community Health Study/Study of Latinos using Bayesian nonparametric clustering techniques to derive dietary patterns and investigate its role in cardiovascular health. In July 2019, she will start her new position as an Assistant Professor of Biostatistics at the Harvard T. H. Chan School of Public Health.</td>
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<td>Name</td>
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<tr>
<td>Jeff Swartzel</td>
<td>Mentor, Panelist</td>
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<td>Dionne Swift</td>
<td>Mentor, Moderator, Committee Co-Chair</td>
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<tr>
<td>Maria Tackett</td>
<td>Protégé</td>
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| **Amanda Tapia**  
**Protégé** | Amanda Tapia is a fourth-year doctoral student at the University of North Carolina at Chapel Hill where she is pursuing a Doctor of Public Health (DrPH) degree in Biostatistics. Her primary area of doctoral research is in genetic association studies, particularly transcriptome-wide and metabolome-wide association studies of blood cell traits in European ancestry populations. She is also a Graduate Research Assistant at the UNC Collaborative Studies Coordinating Center where she is heavily involved in the Atherosclerosis Risk in Communities – Neurocognitive Study, developing methods and strategies for the analysis of neurocognitive function and cognitive decline. Amanda also enjoys writing and learning about ways to better communicate statistics and science to a variety of audiences. She actively participates in UNC’s Science Writing and Communication Club (SWAC), serving as an editor for *The Pipettepen* (a science blog published by SWAC) and attending science writing workshops. When she’s not wrangling genetic data or enthralled in the fascinating science of the mind, Amanda can be found playing beach volleyball at the nearest sand court or taking a long hike through the woods. |
| **Tim Thornton**  
**Mentor** | Timothy Thornton is the Robert W. Day Endowed Professor of Public Health and an Associate Professor in the Department of Biostatistics at the University of Washington. He is also an Affiliate Investigator at the Fred Hutchinson Cancer Research Center in Seattle. The focus of his research is the development and application of statistical methods for the identification of genetic variants underpinning complex traits and diseases. His research lab also develops software for the statistical analysis of large-scale genotyping data. Prior to joining the faculty at the University of Washington, Dr. Thornton was a University of California President’s Postdoctoral Fellow in the Department of Statistics at the University of California at Berkeley. He earned a B.S. degree in mathematics from Hampton University and a Ph.D. in statistics from the University of Chicago. |
| **Machell Town**  
**Mentor, Moderator, Committee Member** | Dr. Machell Town is the Branch Chief for the Population Health Surveillance Branch in the Division of Population Health, National Center for Chronic Disease Prevention and Health Promotion, Centers for Disease Control and Prevention (CDC). Machell joined CDC’s Division of Adult and Community Health in November of 1999 as a mathematical statistician in the Behavioral Surveillance Branch. Machell provides expertise in sample designs and weighting for the Behavioral Risk Factor Surveillance System (BRFSS). She is a leader in oversampling of special populations and local communities for RDD surveys. Machell has consulted on sample designs and weighting for special surveys in the US and globally. Machell received her Bachelors and Masters in Statistics from the University of Georgia and her PhD in Public Health with a concentration in Epidemiology from Walden University. Before coming to CDC, Machell was a mathematical statistician at the US Bureau of the Census for 9 years where she specialized in sampling, data quality, questionnaire design, weighting, and variance estimators. |
| **Alison Tuiyott**  
Protégé | Alison is a rising senior pursuing her combined Bachelor of Science and Master of Science in Statistics from Miami University in Oxford, Ohio. Her co-major is Predictive Analytics with a concentration in Computer Science, hoping to graduate in May 2020. Her interests include Big Data, Machine Learning, Deep Learning as well as Natural Language Processing. At Miami University, Alison is the President of StatHawks, the American Statistical Association (ASA) Student Chapter. She previously interned at General Electric in an IT internship, the Center for Analytics and Data Science at Miami University and currently at Eli Lilly for the second time in the Advanced Analytics and Data Science space. |
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| **Crystal Ukaegbu**  
Participant | Crystal Ukaegbu is a current Masters of Public Health student at SUNY Downstate in Brooklyn, NY concentrating in Health Policy & Management and Biostatistics. Graduate from the University of Bridgeport with a Bachelor of Science in Health Sciences. Looking forward to gaining insight on the statistics field and building relations with those within the field. |
| **Therri Usher**  
Panelist, Mentor | Therri Usher, PhD is a Mathematical Statistician in the Center for Drug Evaluation and Research at the U.S. Food and Drug Administration. Dr. Usher provides statistical support to the regulation of antiviral drugs as well as statistical support for patient-focused drug development in the area of antimicrobial products. She also sits on the Regional Advisory Board of the Eastern North American Region of the International Biometric Society and is the Vice-Chair of StatFest 2019. Dr. Usher received her BS in Mathematical Sciences at the University of Texas at Dallas and her PhD in Biostatistics from Johns Hopkins University, where she conducted research on the impact of health disparities on the aging process. |
| **Karen Valle**  
Participant | Karen Valle is a Biostatistician at the University of Mississippi Medical Center. She provides statistical support to an ongoing study called the Jackson Heart Study, where she assists with manuscript development, and data and SAS program management. She holds a Master of Science in Statistics from San Diego State University and a Bachelor of Arts in Mathematics from the University of California, Santa Cruz. Her research interests include longitudinal analysis and time-to-event analysis. In the future she hopes to apply her statistical and data science skills to solve and prevent the homelessness crisis in California. |
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<tr>
<th><strong>Mark Daniel Ward</strong>&lt;br&gt;Mentor</th>
<th>Mark Daniel Ward is a Professor in Statistics and (by courtesy) in Mathematics at Purdue University. His research is in probabilistic, combinatorial, and analytic techniques for the analysis of algorithms and data structures. He is also interested in data analysis, science of information, game theory, and large-scale computation. He currently serves as Associate Director for Purdue's Integrative Data Science Initiative; Director of The Data Mine; Principal Investigator for the Purdue Statistics Living Learning Community, funded by the National Science Foundation; and Associate Director for the NSF Center for Science of Information (a core center in Purdue's Discovery Park).</th>
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<tr>
<td><strong>Brittany Wilbourn</strong>&lt;br&gt;Protégé</td>
<td>Brittany Wilbourn is a Research Associate in the The George Washington University Milken Institute School of Public Health where she coordinates several HIV prevention studies. She is also a Translational Health Sciences doctoral candidate in The George Washington University School of Medicine and Health Sciences. Her mixed-methods dissertation research explores pre-exposure prophylaxis screening and need among men who have sex with men and transgender persons of color in the Washington, DC metro area.</td>
</tr>
<tr>
<td><strong>Rebecca Wilson</strong>&lt;br&gt;Mentor, Moderator, Committee Member</td>
<td>Rebecca Wilson is a Lead Data Scientist at Fifth Third Bank in Cincinnati, Ohio. Rebecca obtained her DrPH in Biostatistics from the University of North Carolina at Chapel Hill and her A.B. in pre-medical studies and Spanish from Bowdoin College in Brunswick, Maine. Prior to beginning her graduate studies, she completed a postbaccalaureate program in Mathematics and Statistics at Smith College in Northampton, Massachusetts. She also worked in Biostatistics at the Massachusetts General Hospital and taught English at a high school in Toledo, Spain. Rebecca’s research interests include Longitudinal, Categorical, and Missing Data Analysis. Her dissertation research focused on imputation and repeated measures analysis for accelerometer data.</td>
</tr>
</tbody>
</table>
| **Makhabele Nolana Woolfork**  
Protégé | Dr. Makhabele Nolana Woolfork is a Global HIV Surveillance Fellow within the General Population Surveillance Team of the Epidemiology and Surveillance Branch. She has over 10 years of public health experience in data management, surveillance, and epidemiology. At the federal level, she contracted with the Centers for Disease Control and Prevention and the Department of Defense. At local and state health departments, she implemented HIV incidence and surveillance activities as an epidemiologist and data manager in the Washington DC metropolitan area. Recently, she completed her Doctor of Public Health degree and Graduate Certificate in Global Health from the University of Georgia. Dr. Woolfork received her Master of Public Health degree with a concentration in Epidemiology from the George Washington University in Washington, DC and her Bachelor of Science degree in Zoology from the University of Maryland at College Park. She is a proud alumnus of the first cohort of the University of Maryland’s College Park Scholars program and the Ronald E. McNair Post-Baccalaureate Achievement Program. |
|---|---|
| **Christien Wright**  
Protégé | A native of Metro-Detroit, Michigan, Christien Wright has spent five of the last six years in Massachusetts studying at Amherst College and Umass Amherst. He is a rising second-year dual-degree masters candidate, who’s interning this summer with the New York Liberty as a data scientist and is also a data science intern at iCIMS. He desires to work full-time post-grad in a quantitative related role in professional sports. After gaining access to graduate level biostatistics (and his enjoyment of causal inference) and statistics courses during his time at Umass, he plans to pursue a PhD in Biostatistics or Statistics in the future. |
| **Jenny Yang**  
Protégé | Jenny Yang leads the medication adherence data science program at Clover Health, where she looks to fully leverage data science with scalable experimentation and optimization. Her team sits between engineering, product, and clinical operations in order to facilitate data driven product development. She is also deeply passionate about diversity and inclusion at Clover, where she founded and facilitates the Women in Data Science group and launched the first external mentorship program in partnership with Insight Data Science. She is a public health fanatic at heart, with a PhD in Biostatistics from University of North Carolina at Chapel Hill and prior work in public health survey research, statistical epidemiology, and statistical genetics. |
<table>
<thead>
<tr>
<th>Anqi Zhu</th>
<th>Participant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anqi Zhu is a 4th-yr PhD student in Biostatistics at the University of North Carolina Chapel Hill. During her PhD, Anqi develops statistical methods for analyzing high-throughput data of functional genomics. In 2017, Anqi’s first R package apeglm, which provides Bayesian shrinkage estimators for effect sizes for a variety of GLM models, was released on Bioconductor and now has been downloaded for more than 13-thousand times. At the same time, Anqi also works as the Research Assistant at the Biostatistics Core of the Lineberger Comprehensive Cancer Center of UNC, where she collaborates with oncologists to strategize and execute experiment design, sampling, data collection, and statistical analysis, and provides walk-in statistical consultation through weekly Biostatistics Clinic. In her spare time she enjoys swimming, singing and gourmet cooking.</td>
<td></td>
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<table>
<thead>
<tr>
<th>Ye Emma Zohne</th>
<th>Protégé</th>
</tr>
</thead>
<tbody>
<tr>
<td>I am a fourth year PhD student in Statistics at Rice University, and a graduate student researcher at MD Anderson Cancer Center. My research interests are in high-dimensional complex data, data visualization and high performance computing. I received my undergraduate degree in Mathematics/Economics from the University of California, Los Angeles.</td>
<td></td>
</tr>
</tbody>
</table>
## Presentations and Posters by Speakers, Mentors, and Program Committee Time-Ordered

### Sunday July 28, 2019

<table>
<thead>
<tr>
<th>Speaker</th>
<th>Title</th>
<th>Type</th>
<th>Paper/Panel</th>
<th>Topic</th>
<th>Time</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jeffrey Gonzalez</td>
<td>Applications in Surveys and Social Science</td>
<td>Contributed</td>
<td>Paper</td>
<td>Using Paradata to Inform Methodological Improvement to Survey Data</td>
<td>4:00PM to 5:50PM (4:50PM)</td>
<td>CC-302</td>
</tr>
<tr>
<td>Felicia Simpson</td>
<td>Creating a Diverse and Inclusive Field One Student at a Time</td>
<td>Invited</td>
<td>Paper</td>
<td>Bridging the Gap: Increasing Underrepresented Minority Representation in the Statistical Sciences</td>
<td>4:00PM to 5:50PM (5:25PM)</td>
<td>CC-207</td>
</tr>
</tbody>
</table>

### Monday July 29, 2019

<table>
<thead>
<tr>
<th>Speaker</th>
<th>Title</th>
<th>Type</th>
<th>Paper/Panel</th>
<th>Topic</th>
<th>Time</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jeffrey Gonzalez</td>
<td>Developing Multi-Purpose Imputed or Synthetic Data for Official Statistics</td>
<td>Invited</td>
<td>Paper</td>
<td>Discussant</td>
<td>10:30AM to 12:20PM (11:55AM)</td>
<td>CC-101</td>
</tr>
<tr>
<td>Bill Pikounis</td>
<td>Quantitative Decision Making in Clinical Trials</td>
<td>Contributed</td>
<td>Paper</td>
<td>Infusing Bayesian Strategies for Pharmaceutical Manufacturing and Development</td>
<td>10:30AM to 12:20PM (12:05 PM)</td>
<td>CC-109</td>
</tr>
<tr>
<td>Emma Benn</td>
<td>Sexual Harassment and Assault – Confronting the Threat to Our Statistical Community</td>
<td>Invited Panel</td>
<td>Panelist</td>
<td>2:00 PM to 3:50 PM</td>
<td>CC- Four Seasons I</td>
<td></td>
</tr>
<tr>
<td>Leslie McClure</td>
<td>Sexual Harassment and Assault – Confronting the Threat to Our Statistical Community</td>
<td>Invited Panel</td>
<td>Panelist</td>
<td>2:00 PM to 3:50 PM</td>
<td>CC- Four Seasons I</td>
<td></td>
</tr>
<tr>
<td>Sally Morton</td>
<td>Sexual Harassment and Assault – Confronting the Threat to Our Statistical Community</td>
<td>Invited Panel</td>
<td>Panelist</td>
<td>2:00 PM to 3:50 PM</td>
<td>CC- Four Seasons I</td>
<td></td>
</tr>
</tbody>
</table>

### Tuesday July 30, 2019

<table>
<thead>
<tr>
<th>Speaker</th>
<th>Title</th>
<th>Type</th>
<th>Paper/Panel</th>
<th>Topic</th>
<th>Time</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adrian Coles</td>
<td>Statistical Outreach and Awareness: How to Make an Impact</td>
<td>Invited Panel</td>
<td>Panelist</td>
<td>8:30AM to 10:20AM</td>
<td>CC-503</td>
<td></td>
</tr>
<tr>
<td>Miguel Marino</td>
<td>When Statistical Methods Impact Policy</td>
<td>Invited Panel</td>
<td>Panelist</td>
<td>8:30AM to 10:20AM</td>
<td>CC-205</td>
<td></td>
</tr>
<tr>
<td>Darius McDaniel</td>
<td>Statistical Outreach and Awareness: How to</td>
<td>Invited Panel</td>
<td>Panelist</td>
<td>8:30AM to 10:20AM</td>
<td>CC-503</td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td>Title</td>
<td>Section</td>
<td>Type</td>
<td>Time</td>
<td>Room</td>
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</tr>
<tr>
<td>Renee Moore</td>
<td>Make an Impact</td>
<td>Statistical Outreach and Awareness: How to Make an Impact</td>
<td>Invited Panel Panelist</td>
<td>8:30AM to 10:20AM</td>
<td>CC-503</td>
<td></td>
</tr>
<tr>
<td>Dionne Price</td>
<td>Make an Impact</td>
<td>When Statistical Methods Impact Policy</td>
<td>Invited Panel Panelist</td>
<td>8:30AM to 10:20AM</td>
<td>CC-205</td>
<td></td>
</tr>
<tr>
<td>Mark Ward</td>
<td>Make an Impact</td>
<td>Statistical Outreach and Awareness: How to Make an Impact</td>
<td>Invited Panel Panelist</td>
<td>8:30AM to 10:20AM</td>
<td>CC-503</td>
<td></td>
</tr>
<tr>
<td>Rebecca Hubbard</td>
<td>ASA Biometrics Section JSM Travel Awards (I)</td>
<td>Contributed Paper Discussant</td>
<td>2:00 PM to 3:50 PM (3:25PM)</td>
<td>CC-111</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jackie Hughes-Oliver</td>
<td>Professor David Blackwell’s 100th Birthday Celebration: Impact on Diversity and Statistics</td>
<td>Invited Paper</td>
<td>Diversity in Our Profession</td>
<td>10:30AM to 12:20PM (10:35 AM)</td>
<td>CC-201</td>
<td></td>
</tr>
<tr>
<td>Sastry Pantula</td>
<td>Professor David Blackwell’s 100th Birthday Celebration: Impact on Diversity and Statistics</td>
<td>Invited Paper</td>
<td>Discussant</td>
<td>10:30AM to 12:20PM (11:50 AM)</td>
<td>CC-201</td>
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</tr>
</tbody>
</table>

**Wednesday July 31, 2019**

1. How to Get the Most Out of the Joint Statistical Meetings: [http://stattrak.amstat.org/2013/05/01/jsm/](http://stattrak.amstat.org/2013/05/01/jsm/)
6. Science Careers – Advice on cover letters, CVs, interview skills
7. Science How-To Series Collections – practical advice on finding a job and building a career in the sciences
8. 2020 Microsoft Research Student Fellowships - Nominations are now open for the Microsoft Research Ada Lovelace Fellowship as well as the Microsoft Research PhD Fellowship. Please see links for more details.
JSM Diversity Workshop and Mentoring Program Committee

Jemar Bather (Harvard University)
Emily Butler (GlaxoSmithKline)
Sharon Caslin (Centers for Disease Control and Prevention)
Paulette Ceesay (Merck & Co.)
Janelle Charles (Pharmaceutical Product Development)
Adrian Coles (Eli Lilly & Co.)
Christopher Kinson (University of Illinois at Urbana-Champaign)
Darius McDaniel (Centers for Disease Control and Prevention)
Brian Millen (Eli Lilly & Co.)
Mary Miller (Eli Lilly & Co.)
Nagambal Shah (Spelman College, emerita)
Felicia Simpson (Winston-Salem State University)
Dionne Swift (Proctor & Gamble Company)
Machell Town (Centers for Disease Control and Prevention)
Rebecca Wilson (Fifth Third Bank)
Program Sponsors

The 2019 JSM Diversity Workshop and Mentoring Program is made possible due to the generous support of the following sponsors:

Diamond

* American Statistical Association Biopharmaceutical Section
* American Statistical Association Section on Statistics in Epidemiology

Sapphire
* Swift Esquire
* American Statistical Association Section on Mental Health Statistics

* American Statistical Association Section on Bayesian Statistical Science
* American Statistical Association Statistical Education Section
Do you like visualizing data, playing around with statistical software, writing new R packages, having fun with Python, or exploring challenging data sets? If so, consider becoming a member of the ASA Statistical Computing OR Statistical Graphics Sections! Our sections provide some exciting opportunities for statisticians and data scientists, such as:

- An annual Data Challenge Expo: [https://community.amstat.org/jointscsg-section/dataexpo](https://community.amstat.org/jointscsg-section/dataexpo)
- Annual mixer at the Joint Statistical Meetings (JSM)
- An exciting program at JSM and other conferences

When joining the ASA or renewing your ASA membership, be sure to click on Select Sections and then choose the Statistical Computing AND/OR Graphics Section.

We hope to welcome you as a new member of our sections, see you as a participant in one of our competitions, or meet you at our open JSM mixer!

Di Cook (Statistical Graphics Section Chair) and Wendy Martinez (Statistical Computing Section Chair)

ASA section on Statistical Learning and Data Science

- provides a career ladder for new researchers, with early opportunities for training, leadership and networking in the data science community;
- has its own journal dedicated to applications and theory of data science; offers conferences and competitions throughout the year.
- advocates to place statistics at the center of data science education, research, and practice.

Mental Health Statistics Section (MHSS), American Statistical Association

Mental health always has been a methodologically intriguing field of research, where behavioral science meets medicine. Recent technological developments add further complexities to this unique landscape, by generating new forms and sources of information such as from neuroimaging, genetics, endocrinology, and even social media and mobile technologies. As a result, mental health research is becoming a busy juncture of different research fields, research methods, and a multitude of information. The MHSS is a relatively new section, established to fulfill the need for an intellectual forum for statisticians who work in mental health research to communicate and facilitate further advancements for the field. The MHSS aims to facilitate the use of sound statistical methodologies in mental health research, to facilitate the development and application of statistical methodologies for mental health research and to promote career opportunities for statisticians in mental health research. The MHSS organizes events at the Joint Statistical Meetings and other conferences and organizes a popular ASA webinar series, among other activities. We encourage diverse members of the ASA to join the MHSS: http://community.amstat.org/mhs/home/.

The Harvard Medical School Department of Health Care Policy’s Health Policy Data Science Lab is honored to support the Diversity Mentoring Program. We are an interdisciplinary group of researchers who develop and use quantitative methods to solve problems in health policy with big data. Lab members have varied statistical viewpoints and areas of interests, and we know that science is stronger when diverse viewpoints and groups of scholars contribute. Learn more about us at www.healthpolicydatascience.org and @HPDSLlab on Twitter.
The Health Policy Statistics Section is proud to co-sponsor this year’s Diversity Workshop and Mentoring Program!

Our new website is live at www.asahealthpolicy.org

Please join us for our mixer and mentoring after party at this year’s JSM
Monday July 29 from 5:30 to 7:00 pm
Wood Boss Brewing Company, 2210 California Street

Don’t miss ICHPS 2020 – the International Conference on Health Policy Statistics
San Diego, CA January 6-8 2020

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Experimentation and algorithm development is deeply ingrained in everything that Stitch Fix does.

Join us!

Take the algorithms tour!

GSK Statisticians

Industry leading expertise in study design and statistical inference, helping teams make better decisions.

Statistics at GSK are key players in all areas of R&D from the initial identification of a molecule right through to the manufacture and commercialization of a medicine. Our work underpins R&D’s ability to make high quality decisions leading to lower late-phase attrition, greater probability of regulatory approval and reliable/cost-effective manufacturing processes.

Our vision is to become the most effective and influential statistical group within the industry and we will achieve this through excellence in implementation of state-of-the-art study designs and analysis methodologies, strong statistical inference and consultancy, achieving deliverables of the highest quality and, most importantly, by attracting, developing and retaining the best talent.

A thriving community of statisticians across GSK
The Section on Statistics in Epidemiology welcomes American Statistical Association interested in statistical methods and applications in epidemiology. The section sponsors Young Investigator Awards, given out annually at ASA’s annual meeting, the Joint Statistical Meetings (JSM), which provide recipients with funds to help offset the cost of attending JSM. Each year the Breslow Award is given to the top paper submitted; in addition, several other awards are given to young investigators making valuable methods contributions to statistics and epidemiology. Developing the careers of young investigators working in statistics and epidemiology is a priority of our Section. In recent years, we have supported mentoring both within our section and in the ASA more broadly. We have a mentoring program; if you would like to be a mentor, a mentee, or a Mentoring Committee member, you can find more information on our website, http://community.amstat.org/sie/home

Each year we sponsor several sessions and activities at JSM. We sponsor invited sessions and topic-contributed sessions selected from the suggestions of Section members. We have an open business meeting each year; all members are invited to learn about the activities of the Section and to suggest new activities or topics for discussion. In addition, we have an awards night and mixer at JSM each year – this fun evening is open to all JSM attendees. We introduce the Breslow Award winner as well as the other Young Investigator Award recipients and celebrate their accomplishments. This year, we will announce the Mantel Award recipient. The Mantel Award is given every other year to an established researcher for their lifetime contributions to Statistics and Epidemiology. The awards night and mixer is a great way to meet and get to know other members better – please come and meet us!

This year, our business meeting will be on Tuesday, July 30th, 6-6:30 pm in H-Mineral Hall C. The awards ceremony at this year's JSM in Denver will be held on Tuesday, July 30th at 6:30 pm in H-Mineral Hall C and will be followed by a mixer.
Explore Opportunities in our Award-Winning Decision Sciences Group

53.com/Careers