



**Diversity in Data Science Workshop**  
**October 17-18, 2019**  
SCHEDULE

**Thursday, October 17th**

*IRB Multipurpose Conference Room, Howard University*

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|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8:30        | Registration                                                                                                                                                                                                                                                                               |
| 8:45-9:00   | Introductions<br><b>Sudipta Dasmohapatra</b> , Associate Director of Diversity, SAMSI                                                                                                                                                                                                      |
| 9:00-9:05   | Welcome<br><b>Rubin Patterson</b> , Dean Howard University                                                                                                                                                                                                                                 |
| 9:05-10:00  | Key Note - <b>Ernest Fokoue</b> , Associate Professor, School of Mathematical Sciences, College of Science, Rochester Institute of Technology<br><i>"The Story of Data Science and Machine Learning"</i>                                                                                   |
| 10:00-10:35 | Break                                                                                                                                                                                                                                                                                      |
| 10:35-11:35 | Plenary Presentation - <b>Valerie Nelson</b> , NSA<br><i>"From Mathematics to Education to Data Science: An Unanticipated Journey"</i>                                                                                                                                                     |
| 11:35-12:35 | Industry Panel:<br><b>Jonathan Bryan</b> , Flatiron Health<br><b>Valerie Nelson</b> , NSA<br><b>Shree Whitaker</b> , Delta Decisions of DC and Georgetown University                                                                                                                       |
| 12:35-1:30  | Lunch                                                                                                                                                                                                                                                                                      |
| 1:30-2:30   | Plenary Presentation - <b>Loni Tabb</b> , Associate Professor, Department of Epidemiology and BioStatistics, Drexel University<br><i>"Exploring the Geography of Health in the US: The Impact of Health Factors and County-Level Demographics; Biostatistics, Data Science &amp; More"</i> |
| 2:30-3:30   | Graduate School Application – <b>Mansoor Haider</b> , NCSU and <b>Jonathan Bryan</b> , Flatiron Health                                                                                                                                                                                     |
| 3:30-3:50   | Break                                                                                                                                                                                                                                                                                      |
| 3:50-4:50   | Graduate Student Panel – Interactive Q&A<br><b>Ezinne Nwankwo</b> , Duke University; <b>Grace Conte</b> , University of North Carolina                                                                                                                                                     |
| 5:00-7:00   | Student Poster Session and Reception                                                                                                                                                                                                                                                       |

**Friday, October 18th**

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- 8:30-9:00      Break
- 9:00-10:00     Plenary Presentation - **Maria Tackett**, Assistant Professor of Practice, Duke University  
*"Beyond the Buzzword: A Look at Data Science in Practice and How You Can Be a Part of It"*
- 10:00-10:30    Co-organizers Panel:  
**Abdul Yakubu**, Howard University  
**Kim Weems**, North Carolina Central University  
**Seongtae Kim**, North Carolina A&T University  
**Bhikari Tharu**, Spelman College
- 10:30-10:50    Break
- 10:50-11:50    Plenary Presentation - **Shaun Gittens**, Director, MasterPeace Solutions  
*"Fast Rising Applications of Machine Learning in the Real World"*
- 11:50            Lunch and Adjourn