Roundtable on Data Science Postsecondary Education
Meeting #8 Agenda—September 17, 2018

Challenges and Opportunities to Better Engage
Women and Minorities in Data Science Education

Georgia Institute of Technology
Bill Moore Student Success Center, Press Room A/B
225 North Avenue NW
Atlanta, GA 30332

Join the Webcast:
http://sites.nationalacademies.org/DEPS/BMSA/DEPS_187416

MEETING TOPICS:

- Hear updates on existing efforts in computing, statistics, and mathematics societies for better engaging women and minorities in education
- Discuss several recent efforts to broaden participation in data science programs

Upcoming Dates:

December 10, 2018: Roundtable Meeting #9—Educating for Data Science in Society, Washington, DC (tentative)
March 29, 2019: Roundtable Meeting #10—Improving Coordination between Academia and Industry, CA (tentative)
June 12, 2019: Roundtable Meeting #11—Two Year Colleges and Teacher Training, Washington DC (tentative)
September 27, 2019: Roundtable Meeting #12 (tentative)
Monday, September 17

Challenges and Opportunities to Improve Female and Underrepresented Minority Participation in Data Science

10:00 AM  Welcome and introduction  
*Eric Kolaczyk, Boston University*
*Kathy McKeown, Columbia University*

10:10 AM  Kamau Bobb, Georgia Institute of Technology

Panel Presentations and Discussion

10:40 AM  Ayanna Howard, Georgia Institute of Technology & Computing Research Association  
*Student-Centered Interventions to Retain Women, Underrepresented Minorities, and Persons with Disabilities in Computing*

*Celebrating Women in Statistics and Data Science: Goals, Creation, Implementation, and Outcomes*

11:00 AM  Ami Radunskaya, Pomona College & Association for Women in Mathematics  
*Collaboration, Cohorts, and Comfort Zones: the three C’s of Community*

11:10 AM  Panel Discussion--What initiatives are currently in place that are the most effective? Can or should we duplicate them for data science?

11:45 AM  Break

12:00 PM  Open Roundtable discussion of morning presentations

12:30 PM  Lunch

1:30 PM  Renata Rawlings-Goss, South Big Data Hub  
*Keeping Data Science Broad*

2:00 PM  Brandeis Marshall, Spelman College  
*The DSX Project: A First Look at Data Science Education on Spelman and Morehouse Campuses*

2:30 PM  Lydia Tapia, University of New Mexico  
*Hispanics and Native Americans in CS: Patterns, Pressures, and Programs*

3:00 PM  Break

3:15 PM  Discussion of afternoon presentations

End Webcast

*Committee on Applied and Theoretical Statistics*
*Board on Mathematical Sciences and Analytics*
*Computer Science and Telecommunications Board*
*Board on Science Education*
Committee on Applied and Theoretical Statistics
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3:45 PM Breakout Group Discussion

How, if at all, are challenges and successes in diversity different in DS from in CS, mathematics, or statistics? In what ways can educational experience in the latter help inform the former?

If we were able to obtain as much resources as we wanted, what new programs or initiatives do we think should be put in place?

4:30 PM Report back and closing discussion

5:00 PM Adjourn meeting