

The National Academies of
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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)

Committee on Applied and Theoretical Statistics
Board on Mathematical Sciences and Analytics
Computer Science and Telecommunications Board
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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

10:50 AM Dalene Stangl, Carnegie Mellon University & former chair of American Statistical Association Committee on Women in Statistics
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

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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

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