

The National Academies of
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Roundtable on Data Science Postsecondary Education
Meeting #7 Agenda—June 13, 2018

Programs and Approaches for Data Science Education at the PhD Level

National Academies of Sciences Building, Members Room
2101 Constitution Ave. NW
Washington DC, 20418

Join the Webcast:

http://sites.nationalacademies.org/DEPS/BMSA/DEPS_185819

MEETING TOPICS:

Learn about newly formed or emerging data science PhD programs;

Discuss several alternatives for PhD program structure and content, including stand-alone programs, domain-based concentrations, and interdisciplinary IGERT programs.

Upcoming Dates:

September 17, 2018: Roundtable Meeting #8—Improving Female and Underrepresented Minority Participation in Data Science, Atlanta, GA (tentative)

December 10, 2018: Roundtable Meeting #9—Data Science Education in Two-year Colleges, Washington, DC (tentative)

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

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Wednesday, June 13

Programs and Approaches for Data Science Education at the PhD Level

- 10:00 AM Welcome and introduction
Eric Kolaczyk, Boston University
Kathy McKeown, Columbia University
- 10:10 AM The PhD Program in Data Science at NYU
Vasant Dhar, New York University
- 10:40 AM Yale's PhD Program in Data Science
Dan Spielman, Yale University with comments from Jeff Brock, Brown/Yale
- 11:10 AM Introduction to Statistics and Data Science, at MIT
Devavrat Shah, Massachusetts Institute of Technology
- 11:40 AM Discussion
- 12:10 PM Lunch
- 1:15 PM Data Science at UC Davis
Duncan Temple Lang, UC Davis (presenting remotely)
- 1:45 PM Social Scientific Data Science: Building the Penn State Ph.D. in Social Data Analytics
Burt Monroe, Pennsylvania State University
- 2:15 PM Data Science Specializations in PhD Programs at UW
Magdalena Balizinska, University of Washington
- 2:45 PM Discussion
- END WEBCAST**
- 3:10 PM Begin breakout group discussions with lightning descriptions on PhD program plans, barriers, or needs at your own institutions
- 4:00 PM Report back from breakout groups and closing discussion
- 4:30 PM Adjourn meeting

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