Integrating Ethics and Privacy Concerns into Data Science Education

- Explore ethical and privacy dimensions of data science research and practice and discuss why it is important to incorporate these into education and training programs
- Listen to presentations on several innovative data science ethics education courses
- Discuss methods for protecting privacy and how to teach them

Upcoming Dates:

**March 5, 2018**: Roundtable Meeting #6—Teaching Data Science as a Scientific Process, Berkeley, CA (tentative)

**June 13, 2018**: Roundtable Meeting #7—TOPIC TBA, Washington, DC (tentative)

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

**December 10, 2018**: Roundtable Meeting #9—Balancing Education in Employable Skills and General Knowledge, Washington, DC (tentative)
Friday, December 8th

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10:00 AM Welcome and introduction  
   Eric Kolaczyk, Boston University

10:10 AM “Weapons of Math Destruction”  
   Cathy O’Neil, author of the blog mathbabe.org

10:40 AM “The Substance of a Data Science Ethics Education”  
   Solon Barocas, Cornell University

11:10 AM “Calling B.S. in the Age of Data Science Euphoria”  
   Jevin West, University of Washington

11:40 AM Open discussion of morning presentations

12:10 PM Working lunch

1:15 PM “Privacy and Fairness: Explaining Problems and Technical Solutions”  
   Aaron Roth, University of Pennsylvania

1:45 PM “What We Really Talk About When We Talk About Ethics: Navigating History, Privilege, and Power in Information and Data Science”  
   Anna Lauren Hoffmann, University of Washington

2:15 PM Open discussion of afternoon presentations

2:45 PM Break

End Webcast

3:00 PM Breakout activity  
Form small groups and develop ideas about how to incorporate social and ethical content into a course that you teach or into your institutional efforts. What would this look like, and who would you engage? What challenges do you foresee?

4:00 PM Report out from group breakout activity and roundtable discussion

4:30 PM Reflection on meetings thus far and plans for next year

5:00 PM Adjourn meeting

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