# The National Academies of
# SCIENCES · ENGINEERING · MEDICINE

## Roundtable on Data Science Postsecondary Education
### Meeting #5 Agenda—December 8, 2017

**Integrating Ethics and Privacy Concerns into Data Science Education**

**Keck Center**
**500 5th St, NW**
**Washington, DC 20001**
**Room 100**

**Join the Webcast:**

http://sites.nationalacademies.org/DEPS/BMSA/DEPS_178021

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**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

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**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)

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<u>**Friday, December 8th**</u>

**Integrating Ethics and Privacy Concerns into Data Science Education**

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| 10:00 AM | Welcome and introduction <br> *Eric Kolaczyk, Boston University* |
| 10:10 AM | "Weapons of Math Destruction" <br> *Cathy O'Neil, author of the blog mathbabe.org* |
| 10:40 AM | "The Substance of a Data Science Ethics Education" <br> *Solon Barocas, Cornell University* |
| 11:10 AM | "Calling B.S. in the Age of Data Science Euphoria" <br> *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" <br> *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" <br> *Anna Lauren Hoffmann, University of Washington* |
| 2:15 PM | Open discussion of afternoon presentations |
| 2:45 PM | Break |

**End Webcast**

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| 3:00 PM | Breakout activity <br> *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*