

*The National Academies of*  
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**Roundtable on Data Science Education**  
**Meeting #2 Agenda – March 20, 2017**

**Examining the Intersection of Domain Expertise and Data Science**

**Webcast:** <http://nas.edu/data-science-education-roundtable-2>

MEETING TOPICS:

- How could the intersection of domain expertise and data science be better examined by students during their learning? What should prospective data analysts learn about major areas of data-intensive science? What should students in data-intensive science learn about data science?
- Should data science be taught in context or generally/stand-alone?

**Upcoming Dates**

May 1, 2017: Roundtable Meeting #3 — Tailoring Courses and Training to Diverse Data Science Communities (Washington, DC)

*Workshop on Envisioning the Data Science Discipline: The Undergraduate Perspective on May 2-3 in Washington, DC*

October 20, 2017: Roundtable Meeting #4 — Data Science Education Mechanisms: Matching Educational Approaches to the Audience (tentatively in Chicago, IL)

December 8, 2017: Roundtable Meeting #5 — Integrating Societal and Ethical Issues into Data Science Education (Washington, DC)

*Workshop on Envisioning the Data Science Discipline: The Undergraduate Perspective on December 6-7 in Washington, DC*

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**Monday March 20<sup>th</sup>**

*Breakfast available starting at 7:30am*

9:00 AM      Welcome and overview of meeting  
*Eric Kolaczyk, Boston University*  
*Kathy McKeown, Columbia University*

**Emerging Needs and Opportunities in Data-Intensive Domains**

9:15 AM      English  
*Ted Underwood, University of Illinois at Urbana-Champaign*

9:45 AM      Astronomy  
*Josh Bloom, University of California, Berkeley*

10:15 AM     History  
*Matthew Connelly, Columbia University (participating remotely)*

10:45 AM     Break

11:00 PM     Roundtable discussion

12:15 PM     Working lunch

**Case Studies and Looking Forward**

1:15 PM      University of Washington  
*Bill Howe, University of Washington*

1:45 PM      Columbia University  
*Kathy McKeown, Columbia University*

2:15 PM      University of California, Berkeley  
*Cathryn Carson, University of California, Berkeley*

2:45 PM      Roundtable discussion

4:00 PM      Adjourn Meeting

*Committee on Applied and Theoretical Statistics*  
*Board on Mathematical Sciences and their Applications*  
*Computer Science and Telecommunications Board*