

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

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

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

Monday March 20th

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