

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

Roundtable on Data Science Education
Meeting #3 Agenda – May 1, 2017

Data Science Education in the Workplace

Pew Research Center
1615 L St NW, Suite 800
Washington DC

Webcast: http://sites.nationalacademies.org/DEPS/BMSA/DEPS_178019

MEETING TOPICS:

- What knowledge gaps in employees' prior education do employers find themselves having to address?
- What unique constraints exist in the workplace on employers and employees seeking to fill those gaps?
- What education practices—whether in-house or provided externally—are used in diverse sectors of government, technology, and business?
- To what extent do these practices address the needs and what are the major challenges to be faced?

Upcoming Dates

October 20, 2017: Roundtable Meeting #4 — Data Science Education Outside the Classroom:
Exploring Alternative Educational Mechanisms (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*

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

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Monday May 1st

Breakfast available starting at 7:30am

9:30 AM Welcome and overview of third meeting
Eric Kolaczyk, Boston University
Kathy McKeown, Columbia University

Data Science Education and Training in the Workplace

9:40 AM Government: Practicing data science in the government
Ron Prevost, Senior Statistician for Data Integration, Research, and Methodology
Directorate at U.S. Census Bureau

10:05 AM Government: Training government employees in data science
Drew Zachary, Senior Analyst at Department of Commerce Data Service, Lead of the
Data Talent Working Group

10:30 AM Discussion

11:00 AM Break

11:15 AM Business: The Technology Sector
Emily Plachy, Distinguished Engineer, Global Chief Data Office, IBM

11:40 PM Business: The Consulting Perspective
Ashley Lanier, Chief of Staff at Booz Allen Hamilton
Ashley Campagna, Booz Allen Hamilton

12:05 PM Discussion

12:35 PM Working Lunch

1:30 PM Executive Education Online
Brian Caffo, Johns Hopkins University

2:00 PM Executive Education in Business Schools
Claudia Perlich, Distillery and Adjunct faculty in the NYU Stern School of Business

2:30 PM Break and small group discussion

3:00 PM Panel and closing discussion

4:30 PM Adjourn Meeting

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