

*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](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 1<sup>st</sup>**

*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

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