Day 2: Research and Grantsmanship

1300-1330: Welcome & Overview of Expectations
- Winter 2020 Boot Camp structure & goals
- What’s in an academic job? Keys to success: funding, publishing, marketing, networking, mentoring, teaching, service

1330-1415: Faculty Panel on Best Practices & Strategies
- Panelists: Belinda Batten, David Blunck, Alan Fern, Alan Wang; Moderator: Brady Gibbons
  - Proposals: How to plan, write, diversify?
  - Agencies: How to connect with program directors and pitch your research?
  - Partnerships: How to work with industry and national labs?
  - Research Supervision: How to select and motivate graduate students?

1415-1430: Break

1430-1600: Interactive Session: DEFINING & PITCHING YOUR RESEARCH
- Panel critique: David Cann, Burkan Isgor, Matt Johnston, Tyler Radniecki
  - Overview:
    - What is your research idea, overall goal?
    - Why is it important, unique, different than others? What will it add/transform?
    - What is the methodology?
    - What objectives must be met in order to accomplish your goal?
  - Intellectual Merit:
    - What will come out of the research? Why/how will it advance knowledge base of science or engineering?
    - Why are you uniquely qualified to conduct the research?
  - Broader Impact: What broader impact will your work have? What is the potential to benefit society and contribute to the achievement of specific, desired societal outcomes? (e.g., economic, environment, education, underrepresented populations)
  - Agencies: What funding sources will you target?

1600-1615: Undergraduate Research Opportunities
- Sophie Pierszalowski – Associate Director of Undergraduate Research

1615-1700: Wrap-up
- National Center for Faculty Development and Diversity (Brady Gibbons):
  - Asking for help, advice, support
  - Time management
  - Work-life balance
- Interactive Session: Building a mentoring network (Brady Gibbons, ADs)
- Preview of upcoming COE Faculty Development Workshops

1700-1800: Reception