FUNDING YOUR RESEARCH

- Finding the opportunities
- Writing your grant
- Understanding the review process
Finding the opportunities
Finding the opportunities
Finding the opportunities - the right fit

- NIH or NSF
  - Basic vs Biomedical
  - Budget
  - Personnel

- NIH: RO1, RO3 or R21

- Discuss your idea with a program officer
Types of Awards @ NSF

- (Individual) Research Awards
  - Faculty: Regular awards, CAREER
  - Post-docs: Emphasis areas
  - Students: Graduate Research Fellowships

- (Institutional) Awards
  - Research Instrumentation
  - Research Experiences for Undergraduates

- Supplemental Awards
  - Research Experiences for Teachers
  - Research experiences for High School Students
  - Research Opportunity Awards
Writing your grant

- Start early
- Articulating the focus
- Reach out to an audience beyond yourself
- Obtain feedback
- Keep the review criteria in mind
- Respect the solicitation guidelines
- Working with your research office
Writing your grant application

1. Communicating the science *Your sales pitch*
   - The Central Idea
   - Your Expertise
   - Your Vision

2. NSF Broader Impacts - the value added component
   - What, So What, Then What
   - What, How, Why

   - Research
   - Education
   - Outreach

2. NSF Broader Impacts - the value added component
The Review Criteria

NIH
- Overall Impact
- Significance
- Investigator(s)
- Innovation
- Approach
- Environment
- Additional Review Criteria
- 9 point scale

NSF
- Intellectual Merit
- Broader Impacts
- Additional Review Criteria
- 3-4 Recommendation Categories