Finding Funding

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Center for Faculty Excellence
Start with a Good Idea

**Framing**
- Ask key questions
- Search current Awards
- Identify key words

**Identifying**
- Where do people in your field get their funding?
- How much do they ask for? How many years? etc.

**Refining**
What does the Program Manager/Director think of your idea?
Ask questions a reviewer would.
Overview of the Grant Proposal Writing Process

1. Start with an idea for a project
   - SPIN database
   - Weekly MSU emails
   - Foundation database

2. Designing Your Project
   - eRA Commons
   - Fastlane Foundations
   - NIH - RePORT
   - NSF - Award Search
   - USDA - CRIS

3. Writing Your Proposal
   - Narrative/Research Plan
   - Budget and Justification
   - Broader/Translational Impact
   - Biosketches

4. Accessing Online Systems
   - ePCF to OSP

5. Putting it All Together
   - OSU

Eligibility?
- Time as a faculty member
- Years since Ph.D.
- % research effort
- Previous funding
- Limited proposals for each institution
- Number of proposals/PI

Read RFA
- Does your research address the focus or purpose of the RFA?
- Do you have collaborators or colleagues who could be subawards or contracts?
- Timeline for submission
- Length of funding
- Amount of funding
- Cost Share requirements
- F&A constraints

Review Criteria
- NSF - Intellectual Merit, Broader Impacts
- NIH - Overall Impact, Scored Review Criteria, Significance, Investigator(s), Innovation, Approach & Environment
- NIH - RePORT
- NSF - Award Search
- USDA - CRIS

Outline Your Proposal
- Overall goal
- Draft budget
- Specific Aims
- Broader Impact/Health Impact

Discuss with Funding Agency
- Share outline of proposal
- Have questions beforehand

Mentors/Dept Head
- Based on list of resources and support needed

List resources and support needed
- Preliminary Data Facilities
- Contracts

Discuss with Funding Agency
- Request collaboration letters, sub awards/contracts
- Identify external evaluators and request letters

Collaborators/Other Institutions
- Request collaboration letters, sub awards/contracts
- Identify external evaluators and request letters

Supplemental Plans
- Data management
- Mentoring (postdocs)
- Human Subjects/Vertebrate Animals

Facilities and Resources
- Lab space
- Dept facilities
- MSU resources

Budget and Justification
- Work with MSU’s OSP for Examples/Templates

Broader/Translational Impact
- Relevance to human health

Biosketches
- Relevant
- Accurate
- Support research

Narrative/Research Plan
- Connect to educational programs
- Relevance to human health

Page Limits/Formats
- Two days before deadline

Submitting to final review
- Have you addressed their concerns?

Responding to Reviewers
- Contact PreAward Office and your Fiscal Manager (FM) in OSP 4 weeks before the deadline

Project Management
- Plan to submit the ePCF to OSP 1 week before the deadline and then final grant package 2 days before the deadline

Working with OSP
- Contact PreAward Office and your Fiscal Manager (FM) in OSP 4 weeks before the deadline

Submit to FM for final review
- Two days before deadline

Have you addressed their concerns?

Did you address the concerns of the reviewers?

Page Limits/Formats
- OSP

Submit to FM for final review
- Two days before deadline

Clear
Succinct
Images/Diagrams

Submit!

NSF - Intellectual Merit, Broader Impacts
NIH - Overall Impact, Scored Review Criteria, Significance, Investigator(s), Innovation, Approach & Environment.
Framing your Proposal

1. What are you passionate about, i.e., where do you think you can make a uniquely significant contribution to your field?

2. What is the need, problem, or issue you want to address and why is it important?

3. If present knowledge or practice is inadequate, why do we need to know more and do better?

4. In what sense is your idea innovative, i.e., how does it differ from what has already been done?

5. What makes you think your idea or approach will have better outcomes?

6. What will your research contribute and who will benefit from it?

Who has a similar Idea?

- NIH Reporter / Federal Reporter
- NSF Award Search
- USDA Current Research Information System (CRIS)
- DOE Portfolio Analysis and Management System (PAMS)
- DOD Congressionally Directed Medical Research Programs

- NIH Matchmaker
People in your Field

• Look at the CV/website of someone you admire in your field.

• Where do they get their funding?
  – Sarah Codd, M&I Engineering - http://www.montana.edu/mrm/funding.html
  – Mark Jutila, Microbiology & Immunology - http://www.montana.edu/mbi/facultyandstaff/MarkJutila.html

• Look their name up in the award search sites to see what type of funding they have
Talk to Program Officers

• After you have identified a possible agency to apply to:
  – Put together a one-page overview of your project idea
  – Setup a meeting to talk to the program officer (email or phone call)
  – Have questions ready that you can ask
    • Does this idea fit into your area? If not, can you recommend another person to speak with?
Find a Funding Opportunity

- Grants.gov and other agency specific sites
- SPIN database: https://spin.infoedglobal.com/
- MSU Weekly Emails

- Foundations database
MSU/MT Grants

• Faculty Award Nominations
  – Faculty Awards Managed by the Office of the Provost
    Nominations for faculty awards are typically due in October - Awards

• Competitive Faculty Opportunities
  – Faculty Excellence Grants
    (formerly Faculty Development Awards)
    For current information click here
  – Scholarship & Creativity Grants
    For current information click here (Deadline is March 15, 2017)

• Montana Board of Research and Commercialization Technology Grants
  – Future Dates To Be Announced
    MT Board of Research & Commercialization and MSU Proposal Information

http://www.montana.edu/research/awards.html
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**Start with an idea for a project**
- Designing Your Project
  - Accessing Online Systems
    - eRA Commons
    - Fastlane
    - Foundations
  - Read Recently Funded Abstracts
    - NIH - RePORT
    - NSF - Award Search
    - USDA - CRIS
    - Request copy of proposals
  - List resources and support needed
    - Preliminary Data
    - Facilities
    - Contracts
  - Outlining Your Proposal
    - Overall goal
    - Draft budget
    - Specific Aims
    - Broader Impact/Health Impact
  - Discuss with Funding Agency
    - Share outline of proposal
    - Have questions beforehand
  - Collaborators/Other Institutions
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**Putting it All Together**
- Biosketches
- Budget-Justification
- Cover Sheet
- Current/Pending Data Management
- Facilities/Resources
- Equipment
- Letters of Support
- Mentoring Plan
- Other Documents
- Project Description
- Project Summary
- References

**Project Management**
- Plan to submit the ePCF to OSP 1 week before the deadline and then final grant package 2 days before the deadline.

**Working with OSP**
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**Responding to Reviewers**
- Have you addressed their concerns?

**Submit to FM for final review**
- Two days before deadline

**Hit Submit!**

**Eligibility?**
- Time as a faculty member
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**Read RFA**
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- NSF - Intellectual Merit, Broader Impacts

**Next Phase**
- Find a Funding Opportunity
  - SPIN database
  - Weekly MSU emails
  - Foundation database

**Yes**
- Read RFA
  - Does your research address the focus or purpose of the RFA?
  - Do you have collaborators or colleagues who could be subawards or contracts?
  - Timeline for submission
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**Next Phase**
- Yes
  - Read RFA
    - Does your research address the focus or purpose of the RFA?
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- Request copy of proposals

**NIH**
- Overall Impact,
  - Scored Review Criteria,
  - Significance, Investigator(s),
  - Innovation, Approach & Environment.

**NSF**
- Intellectual Merit,
  - Broader Impacts

**USDA**
- CRIS

**Request copy of proposals**
- Connect to educational programs
- Relevance to human health
- Relevant
- Accurate
- Support research

**Work with MSU's OSP for Examples/Templates**
- Lab space
- Dept facilities
- MSU resources

**Data management**
- Mentoring (postdocs)
- Human Subjects/Vertebrate Animals

**Contact PreAward Office and your Fiscal Manager (FM) in OSP**
- 4 weeks before the deadline

**Montana State University**

**March 2016**

**Center for Faculty Excellence**

ADVANCE Project TRACS
Getting to the Finish Line

• 4 weeks before the deadline (or earlier!)
  – Contact Pre-Award Office for help with putting your grant together
  – Contact your Fiscal Manager for help with budgeting and coordinating timing for submission

• 1 week before the deadline
  – Submit the ePCF with the final budget, budget justification and a draft summary of the grant

• 3 days before the deadline
  – Submit the final grant package for review and submission