Three Key Components

- Research idea/program
- Funding sources
- Collaborations
Simultaneous Work

Developing the idea(s) and evaluating funders and funding sources go hand in hand.
1. How does proposed research align with your experience, scholarly activity and interests?
2. Is the idea an extension of research to date – yours or in the field?
3. If present knowledge is inadequate, why do we need to know more and where could the research lead?
4. Ask a trusted colleague to discuss while you are developing.
Good vs. Fundable Ideas

Good Idea
- Helps someone, enables improvement
- Advances an important agenda
- Aligns with personal experience and interests
- May have undefined steps and processes
- May be a unique effort
Good vs. Fundable Ideas

Fundable Idea

- Addresses sponsor’s targets or groups
- Advances sponsor’s agenda/builds on funding history
- Aligns with sponsor priorities and strategic goals
- Has a clear path and timed, measurable steps
- Replicable and sustainable
- Scaled by prior experience and costs

Preuss and Perri, Dec. 2014.
### Advanced Search Results

**You Searched For:**
- **Element Code**: 1738, 7568, 1739, 016Y, 7650, 7690, 011Z

**Refined by**
- **State**
  - Alabama (6)
  - Arkansas (1)
  - Arizona (2)
  - California (27)
  - Colorado (9)

**NSF Organization**
- Office Of The Director (7)
- Direct For Computer & Info Sce & Engin (1)
- Directorate For Geosciences (1)
- Directorate For Engineering (8)
- Direct For Education and Human Resources (312)

**Award Amount**
- Less than or equal $50,000 (13)
- Between $50,001 - $100,000 (26)
- Between $100,001 - $500,000 (138)
- Between $500,001 - $1,000,000 (57)
- More than $1,000,000 (95)

**Award Instrument**

<table>
<thead>
<tr>
<th>Title</th>
<th>Award Number</th>
<th>Principal Investigator(s)</th>
<th>Co-Investigator(s)</th>
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<tr>
<td>ADVANCE AU: Assessing Gender and Racial Equity Among STEM Faculty</td>
<td>1937035</td>
<td>Monica Jackson, Meg Bentley</td>
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<tr>
<td>African American Female Engineering Faculty in the Academy: What Does it Take To Succeed</td>
<td>1745192</td>
<td>Talea Mayo</td>
<td>Organization: University of California</td>
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<td>ADVANCE Stevens: Creating a Sustainable Culture that Facilitates Recruitment, Retention and Advancement in STEM (STEM)</td>
<td>1311792</td>
<td>Susan Metz, Keith Shappard, John Falk, Lynn Dierking, Rolin Landers</td>
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<td>ADVANCE Institutional Transformation Award</td>
<td>0123682</td>
<td>Susan Bryant</td>
<td>Organization: University of Tennessee</td>
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<td>Public Awareness of STEM and Advancing the Role of Women in STEM</td>
<td>1937849</td>
<td>John Falk</td>
<td>Organization: University of Tennessee</td>
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<tr>
<td>Moving Beyond Boundaries to Promote Inclusive Faculty Success</td>
<td>1936148</td>
<td>Jeanne Hossenlopp, Andrea S.</td>
<td></td>
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<tr>
<td>ADVANCE Adaptation: Evidence-Informed Promotion of Inclusive Climate (EPIIC) at IUPUI</td>
<td>1936096</td>
<td>Kathy Johnson, Pratibha Varn</td>
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<td>ADVANCE Adaptation: Toward an Inclusive Model of Excellence in STEM</td>
<td>1936141</td>
<td>P. Denise Cobb, Leah O'Brien</td>
<td></td>
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<tr>
<td>STEM Leadership, Equity, and Advancement for Faculty</td>
<td>1936144</td>
<td>Robyn Hannigan</td>
<td>Organization: University of Tennessee</td>
</tr>
</tbody>
</table>
Funding Progression

• What is your ultimate goal with your research portfolio?
• Can you start small to lay the foundation for a larger project?
• Can you lay the foundation for your own work by working with others?
Where do you look?

- Grant Forward – UofM resource
- Sponsor websites
- Talk to peers
- Network at professional meetings
Grant Forward

- Search engine for grant opportunities
- Accessed via UofM email
- Create personal profile
- Can opt to receive email notifications
Grant Forward

- Targeting your use
  - Try different key words
  - May need to keep refining
  - Keep a log of opportunities
Potential Sponsors

• Federal – NIH, NSF, DoE, HRSA, etc.
• State Agencies
• Private Sponsors/Foundations
• Professional Associations
• Other Institutions (as a Subawardee)
• Internal UofM programs
Put your Pre-Abstract to Use

• Have your proposed research in a one-page summary.
• Use to guide discussions with program officers or potential collaborators
  – For Sponsors - “How does this research idea fit what the grant program is funding?”
  – For collaborators – “I have this idea and think we can team for a stronger proposal.”
Consider Collaborations

• All federal agencies encourage collaborations
• What are your connections at the UofM – CoE and other departments? What connections would be beneficial?
• Who do you know at other institutions that might be interested in collaborating?
• Plan for today and the future
Subawards

- Partner with someone you trust and who strengthens your team.
- Consider if this could be a long-term partnership
- Evaluate their funding record, publications and attitude – not just their science.
- Subawards can be a great way to start for new researchers.
A little about budgets

- For collaborations, know what you need for your portion and where you can be flexible.
- Remember that sometimes part of a project is better than potentially not having a project.
- Sponsor terms flow down to Subaward.
Questions?