Foundations for Funding

College of Education

September 2019

Three Key Components

- **Research idea/program**
- **Funding sources**
- **Collaborations**

Developing the idea(s) and evaluating funders and funding sources go hand in hand.

Simultaneous Work

Research Program

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.

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Award Instrument

ADVANCE AU: Assessing Gender and Racial Equity Among STEM Faculty
Award Number:1937035; Principal Investigator:Monica Jackson; Co-Principal Investigator:Meg Bentley,

African American Female Engineering Faculty in the Academy: What Does it Take To Succeed
Award Number:1745132; Principal Investigator:Talea Mayo; Co-Principal Investigator:; Organization:U

ADVANCE Stevens: Creating a Sustainable Culture that Facilitates Recruitment, Retention an
Award Number:1311792; Principal Investigator:Susan Metz; Co-Principal Investigator:Keith Sheppard,

ADVANCE Institutional Transformation Award
Award Number:0123682; Principal Investigator:Susan Bryant; Co-Principal Investigator:Debra Richards

Public Awareness of STEM and Advancing the Role of Women in STEM
Award Number:1937849; Principal Investigator:John Falk; Co-Principal Investigator:Lynn Dierking, Roli

Moving Beyond Boundaries to Promote Inclusive Faculty Success
Award Number:1936148; Principal Investigator:Jeanne Hossenlopp; Co-Principal Investigator:Andrea S
Relevance:96.0;

ADVANCE Adaptation: Evidence-Informed Promotion of Inclusive Climate (EPIC) at IUPUI
Award Number:1936096; Principal Investigator:Kathy Johnson; Co-Principal Investigator:Pratibha Varn
Relevance:96.0;

ADVANCE Adaptation: Toward an Inclusive Model of Excellence in STEM
Award Number:1936141; Principal Investigator:P. Denise Cobb; Co-Principal Investigator:Leah O'Brien,
Relevance:96.0;

STEM Leadership, Equity, and Advancement for Faculty
Award Number:1936144; Principal Investigator:Robyn Hannigan; Co-Principal Investigator:Stephanie S
Relevance:96.0;

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?