11-2012

Other Funding Opportunities for an Interdisciplinary Climate Change Project

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**WMU ScholarWorks Citation**  
Karowe, David; Docherty, Kathryn; and Koretsky, Carla, "Other Funding Opportunities for an Interdisciplinary Climate Change Project" (2012).  *Research and Dessert*. Paper 12.  
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Beyond the NSF–REU…

Other Funding Opportunities for an Interdisciplinary Climate Change Project
Fundable Ideas – Educational Workshops

- **WORKSHOP at WMU** – develop a workshop for WMU faculty to help them incorporate an example of climate change into class lecture

- **WORKSHOP for K–12 Teachers** – develop a workshop for K–12 teachers, teachers-in-training

- **WORKSHOP for Conferences** – develop materials and a traveling workshop that is available through professional conferences (e.g. ESA SEEDS workshop)
Possible Funding Sources – Educational Workshops

- NSF Transforming Undergraduate Education in Science, Technology, Engineering and Mathematics (TUES)
- Dept. Ed. Graduate Assistance in Areas of National Need (GAANN)
- NSF Discovery Research K–12 (DRK–12)
- Packard, Dow, Gates Foundations
- NIH Science Education Partnership Award (SEPA)
- NIH–National Institute of Allergy and Infectious Diseases (NIAID) Science Education Award (R25)
- Approaching NSF to see if multiple Divisions would sponsor a workshop with an end-product
Fundable Ideas – International Collaborations

- Develop a “Teach and Study Abroad” program focused on global climate change
  - NSF Partnerships for International Research and Education (PIRE)
  - NSF International Research Experiences for Students (IRES)
  - NSF Catalyzing New International Collaborations
  - NSF Partnerships for Enhanced Engagement in Research (PEER) Science (research collaborations)
Fundable Ideas – Multi-disciplinary Projects

- Research projects funded by two divisions of NSF or possibly two agencies
  - e.g. NSF Directorate of Social, Behavioral and Economic Sciences and Division of Environmental Biology
- NSF Integrative Graduate Education and Research Traineeship Program (IGERT)
Fundable Ideas – Community Outreach

- NSF Advancing Informal STEM Learning (AISL)
  - life-long learning

- EPA Environmental Education (EE) Grants
  - Public awareness of environmental issues
Fundable Ideas and Possible Funding Sources?

- Create a network and database of interested faculty expertise
- Expand a venue for interaction between faculty
- What other funding sources are there?
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