Broader Impacts

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• A BI Short Course
  • History
  • BIN
  • NABI
• The BI Challenge
• Building BI Identity
• “BI”g Support with Little Resources
• Final Thoughts
I ❤️ HISTORY

A BROADER IMPACTS SHORT COURSE
1950
National Science Foundation

1997
Broader Impacts

2010
ACRA / SP@ISU

2011
NSB Report

2012
Broader Impacts Network

NABI
National Alliance for Broader Impacts
WHO WE ARE

The MU BIN was established in response to the National Science Foundation’s emphasis on the integration of education and outreach into research projects. We assist researchers in the development, implementation, and evaluation of high-quality broader impacts activities.

WHAT WE DO

Development of the BI Plan

The BIN helps to develop strong BI plans based on individual interests and resources. We work hand in hand to identify a goal that highlights the researcher’s strengths and meets the requirements of the funding agency.

Networking and Identifying BI Partnerships

Through connections with campus and community resources and a national network of broader impacts support professionals, we work together to build a strong team to design, implement, and evaluate the BI plan.

Education & Training

The BIN provides opportunities to learn more about broader impacts and the resources available, as well as, provides training to current and future faculty, postdoctoral research associates, and graduate students on effective BI practices.
National Alliance for Broader Impacts
www.broaderimpacts.net

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A network of 600+ individuals from 210 organizations working together to build institutional capacity, advance broader impacts, and demonstrate the societal benefits of research.
Who we are

- Professional Societies
- Academic Institutions
- NSF Project Teams
- Foundations
- Consultants
- Private Companies
- Science Centers, Museums, Zoo, Botanical Gardens
- Research Institutes
- Radio Stations
- Researchers
- BI professionals
- Outreach/Engagement Specialists
- Graduate Students & Postdocs
What we do

• Advocate for BI policy and for researchers
• Campus Visits
  • Educate Researchers, Grad Students, and others
  • Share with research development staff and administrators
• Professional Development for BI Professionals
  • Share Resources
  • Active Listserv
Growing Impact

• **850** participants at 5 annual BI Summits

• **2,000** participants in trainings, workshops, presentations

• **Over 7,000** Guiding Principles documents shared
The big challenge...

**DESIRE**
Create unique, innovative, impactful, & evidence-based broader impacts activities with strong evaluation plans.

**REALITY**
- Small Budgets
- Lack of Resources
- Lack of Expertise
  - Evaluation
  - Content
- Lack of Time
Effective Broader Impacts are...
Make broader impacts work for you!!!
The sense of self, providing sameness and continuity over time, uniqueness

Dictionary.com

Something that someone has achieved that continues to exist after they stop working or the grant ends --MacMillan Dictionary

BUILDING A BROADER IMPACTS

IDENTITY*

*Julie Risien, Oregon State University
Angela Speck, PhD  
Professor of Physics and  
Director of Astronomy

Constellation Skirt
BI ID: Getting Started

• What do you like to do? What do you NOT like to do?
• Where do you find yourself most often (besides the lab?)
• What things are you juggling?
• What are you already doing?
• Who can help you in your community? On your campus?
“BI”g Support with Little Support

• Encourage researchers to develop their BI Identity and to budget accordingly
• Good grant writing applies here too
• Leverage existing internal and external resources
• Join NABI and access free resources
• Attend the BI Summit
• Follow NSF on social media and take advantage of free webinars and tools
• Join together and submit a workshop proposal – Invite NSF and NABI
Final Thoughts

• Broader impacts is here to stay.
• NSF takes it very seriously and is putting more resources behind it.
• Think about ways to encourage engagement across ALL areas of BI.
• Resources, such as NABI, exist to help both researchers and institutions.
Thank you. Questions?