

Common Issues and Diverse Solutions for Multi-Institutional INBRE Programs

Presented by Heather McInnis, Maysaa Alobaidi, Irene Aninye

Description: The American Association for the Advancement of Science's Research Competitiveness Program (AAAS RCP) will engage IDeA program leaders, PIs, PCs, and faculty in focused discussions of key issues common to many INBRE programs and diverse solutions adapted to institutional and program contexts. Since the inception of the BRIN program, AAAS RCP has conducted more than 80 external, strategic assessments of BRIN and INBRE programs in 15 states, focusing on program goals ranging from institutional capacity-building and core facility support to faculty development and undergraduate research and training. To kick-off the workshop and focus discussion, AAAS RCP will share evidence of common issues and diverse solutions gathered from analyses of AAAS RCP's INBRE Assessment Reports. Next, participants will work in break-out sessions to share knowledge of specific issues, potential problem-solving strategies, and/or key factors underpinning successful outcomes. To ensure shared understanding of common challenges and solutions, at the end of the workshop, groups will report out on a unique, feasible solution to a common issue.

Session theme or topic: Administrative Development, Faculty Development, Cores, Evaluation, Strategic Planning, Program Implementation, Logic Model Development

Session format (Lecture, facilitated discussion, panel discussion, Q&A): Facilitated Discussion, Other

3 anticipated participant learning outcomes:

- Evidence-based understanding of common challenges across INBRE programs
- New knowledge of problem-solving strategies and key factors underpinning successful outcomes
- Shared understanding of potential feasible solutions applicable to the home program or institution

Intended audience: INBRE, COBRE, Faculty, PI's, Administrators, Evaluators

Name, title, Institution/bio for each facilitator/presenter:

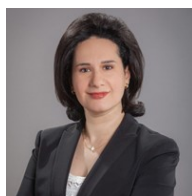


Heather McInnis

Associate Program Director

American Association for the Advancement of Science (AAAS) Research Competitiveness Program

Dr. Heather McInnis is the Associate Director of the Research Competitiveness Program (RCP) at the American Association for the Advancement of Science (AAAS) where she provides strategic planning and operational leadership to support implementation of RCP's core programs in program evaluation and assessment, peer review, innovation and entrepreneurship, and short courses. A primary focus of her work is designing and leading independent, peer-to-peer assessments of STEM programs, university initiatives, scientific and technical advances to support research capacity-building initiatives and inform and foster strategic planning, funding portfolio development, and interdisciplinary collaboration. Since joining the AAAS in 2011, Heather has implemented more than 40 external assessments of large-scale, multi-institutional, multi-disciplinary, STEM programs for university consortia in the U.S. and abroad, including for NSF- and NIH-funded programs totaling more than \$600 million in 13 U.S. jurisdictions. Heather holds a Ph.D. in Anthropology from the University of Oregon, and a M.S. in Quaternary Studies from the Climate Change Institute at the University of Maine, and has interdisciplinary expertise in paleoenvironmental archaeology, zooarchaeology and ethnography. Prior to joining AAAS, Dr. McInnis taught undergraduate and post-graduate science courses at DePaul University and led field, lab, and museum research projects and training programs in the U.S. and South America.



Maysaa Alobaidi

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Dr. Maysaa Alobaidi is a Senior Program Associate with the Research Competitiveness Program at the American Association for the Advancement of Science (AAAS). In this role, she leads external programmatic assessment and data-driven evaluation of large-scale, multi-institutional, multi-disciplinary STEM programs, including NSF EPSCoR RII Track-1&2 projects and NIH INBRE programs. Dr. Alobaidi has a strong background in evaluation design and methods and 15 years of experience working in a variety of settings to conduct needs assessment, strategic planning, and evaluation of health technologies and services as well as research, education and training programs. Dr. Alobaidi holds a Ph.D. from University of Arizona in Pharmaceutical Economics, Policy and Outcomes Research. Her areas of expertise include program evaluation, survey instrument development and validation, research and evaluation study design and implementation, advanced statistical analysis, economic modeling, and qualitative data collection and analysis.



Irene Aninye

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Dr. Irene O. Aninye is a Senior Program Associate with the Research Competitiveness Program at the American Association for the Advancement of Science (AAAS). At AAAS, she leads strategy teams to evaluate and guide the progress and outcomes of STEM research programs, often for large-scale multi-institutional initiatives like NIH INBRE and NSF EPSCoR. Dr. Aninye also works with external organizations to design and manage peer review processes for their grant competitions. A Washington, DC native, she attended the University of Maryland Baltimore County as a Meyerhoff Scholar. Irene completed her Ph.D. in Molecular and Integrative Physiology at the University of Illinois at Urbana-Champaign and postdoctoral training at Johns Hopkins School of Medicine, where her research investigated nuclear receptor action in growth, development, and reproductive cancers. Dr. Aninye has spent over 15 years engaging the scientific community through academic service, outreach, and teaching. She has served on multiple educational program, career development, and award review committees at professional societies and universities. She is actively involved in the Endocrine Society, maintains a faculty appointment in Biology at Loyola University Maryland, and instructs courses and workshops at the NIH and AAAS to build research capacity in the U.S. and internationally.
