Presenters

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National Science Foundation (NSF)


- FastLane is Retired
- Delays Requirement to Use SciENcv to October 2023
- NSF Concept Outlines and the new ProSPCT tool
- NSF BAAM –proposal submissions
- NSF to end cost-sharing mandate for some grants
- Responsible and Ethical Conduct of Research
- Plan for Safe and Inclusive Working Environments for Off-Campus or Off-Site Research
Requirement for Using SciENcv Delayed Until October 2023

- NSF encourages researchers to use SciENcv prior to October 2023 and to obtain ORCID ID to facilitate pre-population of the bio-sketch.
- Resources to walk you step by step through the process of creating an ORCID account and creating your biosketch with SciENcv.
  
  Home – Create Your Biosketch with SciENcv – Research Guides at Texas A&M University (libguides.com)

- Biographical Sketch - Requires signature of investigator
- Current and Pending (Other) Support - Requires signature of investigator
  - Currently still submitted as part of the proposal
  - NSF program officers will request updated Current and Pending (Other) Support prior to making a funding recommendation.
NSF Concept Outlines and the new ProSPCT Tool

- **Purpose:**
  - to ensure that the concept being proposed by the prospective PI is appropriate for the proposal type/funding opportunity
  - help reduce the administrative burden associated with submission of a full proposal

- **Required for the following proposal types:**
  - Planning, Rapid Response Research (RAPID)
  - Early-concept Grants for Exploratory Research (EAGER)
  - Research Advanced by Interdisciplinary Science and Engineering (RAISE)
BAAM – proposal submissions
BAAs – A new way to fund your research at NSF

- TIP – Technology, Innovation and Partnerships – a new directorate at NSF
- BAAs - By using BAAs, NSF is seeking to engage new communities of scientists and engineers, including those who may be working beyond institutions of higher education, such as in industry, nonprofits and other organizations.
- New Submission Site for Broad Agency Announcements - https://baam.nsf.gov/s/
- https://beta.nsf.gov/funding/broad-agency-announcements
Why?

When is NSF using broad agency announcements?

NSF is currently piloting the use of BAAs as an alternative approach to fund use-inspired research and innovation.

While NSF is still posting most of its funding opportunities as financial assistance solicitations on NSF.gov, it is starting to use BAAs for some programs. These programs aim to:

- Expand research opportunities to new communities, including industry and nonprofit partners who may be less familiar with NSF.
- Broaden participation in NSF-funded research with new teams and partnerships that support NSF’s strategic objectives.

NSF is also starting to use BAAs to provide funding through contracts or other types of funding arrangements — reducing the administrative burden on organizations that do not normally seek out federal assistance grants.
NSF to end cost-sharing mandate for some grants

- Major Research Instrumentation (MRI) program
- Robert Noyce Teacher Scholarship Program
  - two of the four funding tracks
Responsible and Ethical Conduct of Research (RECR)

- Requirement specified in Section 7009 of the America Creating Opportunities to Meaningfully Promote Excellence in Technology, Education, and Science (COMPETES) Act
- Provide appropriate training and oversight in the responsible and ethical conduct of research to faculty and other senior personnel who will be supported by NSF to conduct research
- Effect for new proposals submitted or due on or after July 31, 2023
- NSF encourages the community to establish such training and oversight for faculty and other senior personnel prior to the July 31, 2023 implementation
Safe and Inclusive Working Environments for Off-Campus or Off-Site Research

- Plan must be in place that describes how the following types of behavior will be addressed:
  
  a) Abuse of any person, including, but not limited to, harassment, stalking, bullying, or hazing of any kind, whether the behavior is carried out verbally, physically, electronically, or in written form; or
  
  b) Conduct that is unwelcome, offensive, indecent, obscene, or disorderly

- The organization’s plan for the proposal must be disseminated to individuals participating in the off-campus or off-site research prior to departure

- AOR to certify that any organization proposing to conduct research off-campus or off-site has a plan in place for this proposal regarding safe and inclusive working environments
NIH

- NIH Data Management and Sharing Plan Policy
- Budgeting for Data Management and Sharing
- New NIH "FORMS-H" Grant Application Forms and Instructions
NIH Data Management and Sharing Plan Policy

- Minimum requirements for all NIH beginning January 25, 2023
- NIH Institutes, Centers, and Offices (ICOs) may provide more specific guidance
  - NIH Institute and Center Data Sharing Policies - select your ICO, check their policy
- Other policies may apply (e.g. Genomic Data Sharing policy)
  - NIH Scientific Data Sharing - the landing page to explore where YOUR research intersects with the policy
- Conversations with NIH, esp. the Deeper Dive
Scope of the NIH Sharing Policy

- All research funded (in whole or part) by NIH that **generates scientific data**, including:
  - Extramural grants
  - Contracts
  - Intramural research projects
  - All other NIH funding mechanisms (e.g. Other Transaction Authority)
- **Does not** apply to funding that does not generate data (e.g. training grants and infrastructure development)
NIH DMSP Development Resources

TAMU

Writing
- DMPTool and consultation services
- Proposal statements for infrastructure
- Research Data Management workshops

Cost forecasting
- Division of IT proposal support
- Budget development guides

External

Writing
- NOT-OD-21-014: Supplemental Information to the NIH Policy for Data Management and Sharing

Cost forecasting
- Biomedical cost forecasting framework
- Cost checklist for administrators
New NIH "FORMS-H" Grant Application Forms and Instructions

We all like checklists, right?

This checklist will help you navigate the changes.

FORMS-H Checklist

- ✓ Use an application form package with a Competition ID that includes "FORMS-H".
  - Not sure how to identify the correct form version? See Do I Have the Right Forms for My Application?
  - If you find you have started your application on the wrong form set, take advantage of copy features available in ASSIST, Grants.gov Workspace, and many institution system-to-system solutions.

- ✓ Use the SF424 (R&R) – Version H application form instructions on the How to Apply – Application Guide page.
  - Read the Significant Changes section to become familiar with recent updates.

- ✓ Determine if your proposed research is subject to the DMS policy.
  - The policy applies to all research that generates scientific data (e.g., single and multi-project research projects and
Preparing for NIH DMSP 2023

- Review video Critical Appraisal of DMP for Program Officers
- Read Ten simple rules for maximizing the recommendations of the NIH data management and sharing plan
- Practice - Reverse engineer a 2023 DMSP for a prior project
  - DMPTool
    - Use the NIH-GEN DMSP (Forthcoming 2023) template
- Identify existing resources for assistance
  - Library Guide and TAMU STAR System
- Workshops
  - Learning | Data Sharing
Promoting Inclusive and Equitable Research (PIER) Plan

- Beginning in FY 2023 DOE Office of Science Funding Opportunity Announcements (FOAs) and DOE National Lab Announcements will require applicants to submit a PIER Plan as an appendix to their proposal narrative.

- PIER Plans should describe the activities and strategies applicants will incorporate to promote diversity, equity, inclusion, and accessibility in their research projects.

- Not to exceed three pages. Will not count in the project narrative page limitation.

- Will be evaluated as part of the merit review process and will be used to inform funding decisions.
PIER Plan May Include But Not Limited To

- Strategies of your institution and collaborating institutions for enhanced recruitment of undergraduate students, graduate students, and early-stage investigators (postdoctoral researchers, and others), including individuals from diverse backgrounds and groups historically underrepresented in the research community;

- Strategies for creating and sustaining a positive, inclusive, safe, and professional research and training environment that fosters a sense of belonging among all research personnel; and/or

- Training, mentoring, and professional development opportunities.

- May incorporate or build upon existing diversity, equity, accessibility, and inclusion efforts of the project key personnel or applicant institution(s), but should not be a re-statement of standard institutional policies or broad principles.

- The complexity and detail of a PIER is expected to increase with the size of the research team and the number of personnel to be supported.
Promoting Inclusive and Equitable Research (PIER) Plan

The merit review criteria for the evaluation of applications are as follows, in descending order of importance:

- Scientific and/or Technical Merit of the Project;
- Appropriateness of the Proposed Method or Approach;
- Competency of Applicant’s Personnel and Adequacy of Proposed Resources;
- Reasonableness and Appropriateness of the Proposed Budget; and
- Quality and Efficacy of the Plan for Promoting Inclusive and Equitable Research.
Promoting Inclusive and Equitable Research (PIER) Plan

Guiding reviewer questions for the criterion, Quality and Efficacy of the Plan for Promoting Inclusive and Equitable Research, include the following:

- Is the proposed Promoting Inclusive and Equitable Research (PIER) Plan suitable for the size and complexity of the proposed project and an integral component of the proposed project?

- To what extent is the PIER Plan likely to lead to participation of individuals from diverse backgrounds, including individuals historically underrepresented in the research community?

- What aspects of the PIER Plan are likely to contribute to the goal of creating and maintaining an equitable, inclusive, encouraging, and professional training and research environment and supporting a sense of belonging among project personnel?

- How does the proposed Plan include intentional mentorship and are the associated mentoring resources reasonable and appropriate?
DOE - Conference, Symposium, or Workshop Proposals

- Beginning in FY 2023 – the meeting must have a policy or code of conduct in place that addresses discrimination and harassment, including sexual harassment, other forms of harassment, and sexual assault, and that includes processes for reporting complaints and addressing complaints.
- The policy or code-of-conduct must be shared with all participants prior to the meeting and made easily available.
- Applications must include:
  - Online link to current code of conduct or link to where it will be posted
  - Recruitment and accessibility plan for speakers and attendees
Resources for PIER Plan and Conference Proposal Requirements

- DOE Frequently Asked Questions
  GRANTS Frequently Asked Questions... | U.S. DOE Office of Science(SC) (osti.gov)

  New SC Requirements for FY 2023 Proposals: PIER Plans and Conference Proposals – YouTube

- TAMU Research Development Services
  DOE PIER Plan Template to be available in the new year 2023, check website at https://vpr.tamu.edu/research-development-services/office-of-hsi-and-inclusivity-research-service/
NASA - Change in Procurement Requirement

In support of Executive Order –13985 "Advancing Racial Equity and Support for Underserved Communities Through the Federal Government

- Requirement for NASA Recipients of Financial Assistance Awards to obtain quotation from small and/or minority businesses, women's business enterprises, or labor surplus area firms when the acquisition of goods or services exceeds the simplified acquisition threshold.

- If unable to obtain quote, a written justification indicating why must be maintained in the recipient’s records.
THANK YOU