

What Is a Funding Opportunity Announcement (FOA)?

A Funding Opportunity Announcement (FOA) is the document all federal agencies use to announce the availability of grant funds to the public.

Research on Innovative Technologies for Enhanced Learning (RITEL) Program

RITEL is the crossroads of technology and education, offering a gateway to pioneering research. It brings together the realms of teaching and learning through emerging technologies with emphasis on their application in the field of STEM education through the auspices of the National Science Foundation.

HOW TO APPLY FOR GRANTS

How to Apply for Grants: Getting Started



Learn

Go to the Grants Learning Center for an overview of grants.



Check

Make sure you are eligible before applying.



Search

Find federal grants that align with your work.



Register

Sign up with Grants.gov to apply using Workspace.



Apply

Complete and submit your application using Workspace.



Track

Enter your Grants.gov tracking number(s) for submission status.



Our Timeline:

Today is November 2, 2023

We have approximately: 82-Days (23 January 2023)

82-days total

Minus 7-days for Thanksgiving

Minus 7-Days for Christmas

Minus 2- New Years

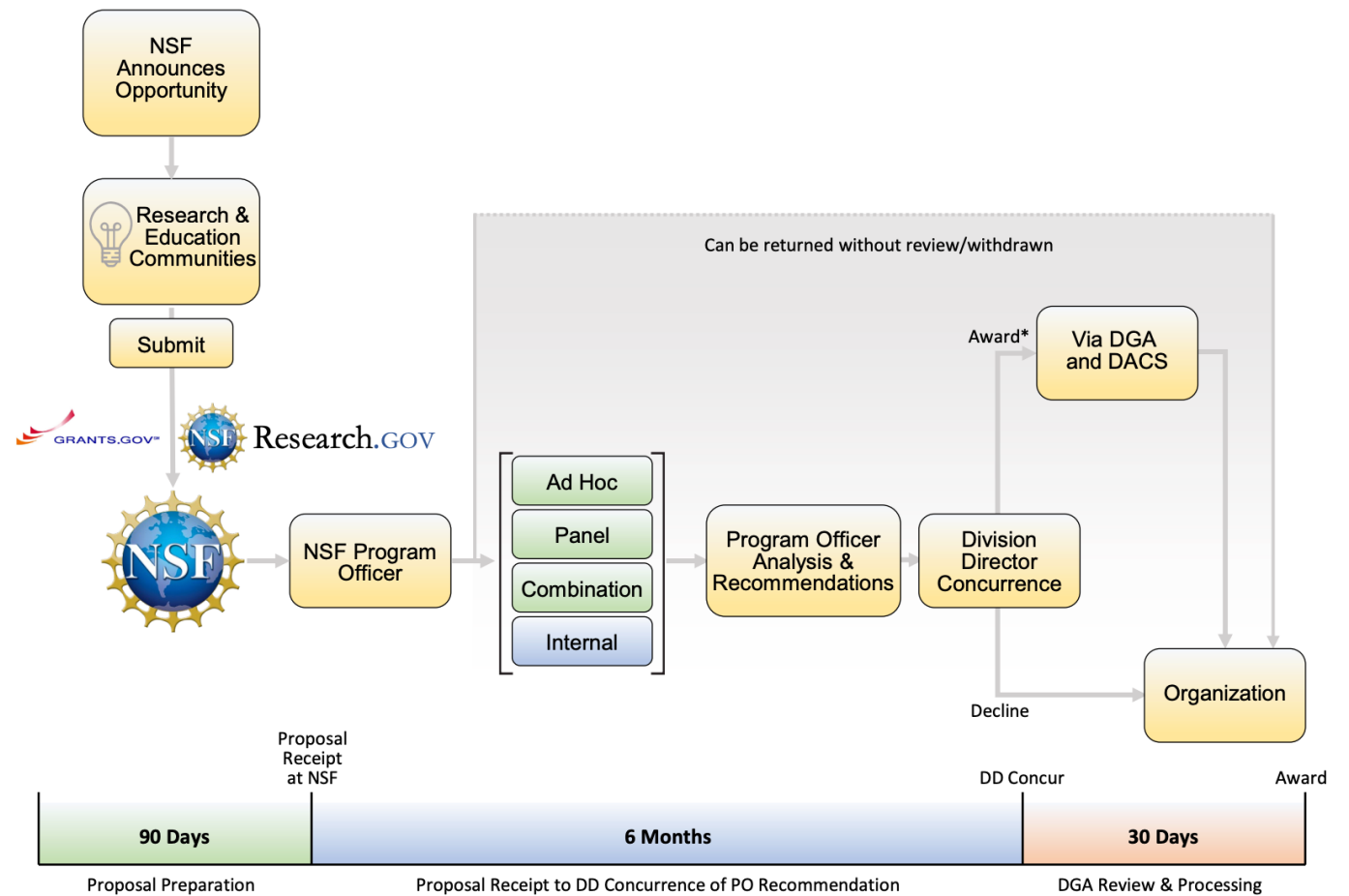
Minus 18 for weekends

Net total: 48 –Days of focused work

January 24, 2024:

Full Proposal Deadline (First deadline in 2024)

Exhibit III-1: NSF Proposal & Award Process & Timeline



Grant Team members (Front-end)?

- **Grant Lead (Admin)** – different people writing different parts of the grant; this person reviews packet to assure language & content alignment
- **Grant Coordinator** – is the one who can follow up and get additional information
- **Collaborator (specialist/researcher)** - may be needed at times to write a particular section of the grant, such as evaluation methodology, evidence-based practices, and so on
- **Budget Lead** - put together the budget and the nonfederal matching amounts
- **Executive Director** - should be who you report to, and they should be who leads the design of the proposal before you even start to write.
- **Paid Consultant** - Expert providing specialized advice or services.
- ***** All unpaid roles**

Grant Team members (Back-end)?



- **Principal Investigator (PI):** Role: Leads research project and ensures its success. Education Level: Typically holds a Ph.D. in their field.
- **Senior Personnel:** Role: Experienced researchers contributing significantly to the project. Education Level: Typically holds a Ph.D. or equivalent expertise.
- **Postdoctoral Researcher:** Role: Early-career researchers working on specific project aspects. Education Level: Holds a Ph.D. or equivalent doctoral degree.
- **Paid Consultant:** Role: Expert providing specialized advice or services. Education Level: Holds a relevant degree.
- **Unpaid Collaborator:** Role: Voluntary contributors offering resources, expertise, or facilities. Education Level: Varies based on contribution nature.
- **Subawardee:** Role: Collaborating institutions or organizations receiving project funding. Education Level: Varied based on roles within the subawardee institution.

Next Steps?

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- **Need timeline w/ Objectives/Activities/Role w/ person's name/ deadline**
- **Kick-off Meeting:**
- **Roll-up our sleeves and produce a winner**

- **Grant Proposal Step-by-Step**
 1. Write a strong cover letter.
 2. Start with a short executive summary.
 3. Introduce your organization.
 4. Write a direct problem statement.
 5. State your goals and objectives.
 6. Project design: methods and strategies.
 7. The evaluation section: tracking success.

Draft Program Objectives & Requirements Matrix

#	Program Objective	Requirements	Assigned Person/Role
1	Program Scope and Purpose	- Explore the impact of emerging technologies on teaching and learning. - Focus on STEM education applications. - Address challenges and opportunities in various educational settings.	Project Manager
2	Funding Allocation	- Fund 20-25 projects. - Allocate an estimated budget of \$25 million. - Individual project funding up to \$900,000.	Financial Officer
3	Eligibility and Applicant Types	- Open to Institutions of Higher Education (IHEs), non-profit non-academic organizations, and tribal governments. - No restrictions on Principal Investigators (PIs). - Each PI can participate in one proposal per submission date.	Grant Administrator
4	Proposal Preparation	- Adherence to NSF guidelines in the Proposal and Award Policies and Procedures Guide (PAPPG). - Submission of full proposals via Research.gov or Grants.gov. - Inclusion of supplementary documents, such as lists of project personnel and partner organizations.	Proposal Coordinator
5	Collaboration and Interdisciplinarity	- Encouragement of interdisciplinary collaboration. - Teams must include experts from various fields, including learning sciences, computer science, and social and behavioral sciences.	Collaboration Facilitator
6	Educational Equity and Ethical Use	- Emphasis on equity, ethics, bias, privacy, and security in educational technology integration. - Collaboration with stakeholders encouraged.	Equity and Ethics Officer
7	Authentic Learning Environments	- Focus on real-world use of emerging technologies, including resource-constrained settings.	Educational Technologist
8	Teaching and Learning Research	- Projects must advance both teaching and learning research. - Support proof-of-concept studies for innovative learning technologies.	Research Specialist

Draft Program Objectives & Requirements Matrix cont.

#	Program Objective	Requirements	Assigned Person/Role
9	Diverse Learner/Teacher Populations	- Projects should benefit diverse learners and educators while adhering to budget constraints.	Diversity and Inclusion Officer
10	Technology Research	- Exploration of emerging technologies, from AI to robotics. - Advancement of fields such as computer science, information science, and engineering.	Technology Research Lead
11	Broad Learning Contexts	- Support for projects in various formal and informal learning settings.	Learning Environment Specialist
12	Annual PI Meetings	- Inclusion of provisions for PI attendance at annual meetings in Washington, DC in project budgets.	Meeting Coordinator
13	Submission Deadlines	- Full proposals accepted in January and November.	Submission Coordinator
14	Program Promotion and Outreach	- Dissemination of program information and outreach to potential applicants. - Engage with academic and non-academic communities.	Outreach Coordinator
15	Evaluation and Reporting	- Regular program evaluation to ensure objectives are met. - Periodic reporting to NSF.	Evaluation and Reporting Officer