



Biological Science Directorate (BIO) Virtual Office Hour

Today's topic:

Primarily - Undergraduate Institutions:
Opportunities in NSF Biological Sciences

Welcome to the BIO Virtual Office Hour.
We will begin soon.

Please submit questions via the Q&A button
available to you on ZOOM. Please set to
"Send anonymously"

Biological Sciences Directorate (BIO) Virtual Office Hour – Welcome!

Program Officers in attendance today

- Matt Herron – (DEB) Evolutionary Processes (mherron@nsf.gov)
- Kendra McLauchlan – (DEB) Ecosystem Sciences (kmclauch@nsf.gov)
- Amanda Ingram- (DEB) Systematics and Biodiversity Science (aingram@nsf.gov)
- Daniel Marendia - (DBI) Division of Biological Infrastructure (dmarendia@nsf.gov)
- Jean Gao – (DBI) Division of Biological Infrastructure (jgao@nsf.gov)
- Sally O'Connor – (DBI) Division of Biological Infrastructure (soconnor@nsf.gov)
- Manju Hingorani – (MCB) Division of Molecular and Cellular Biosciences (mhingora@nsf.gov)
- Phoebe Lostroh – (MCB) Division of Molecular and Cellular Biosciences (clostroh@nsf.gov)
- Michael Mishkind – (IOS) Division of Integrative Organismal Systems (mmishkin@nsf.gov)

Facilitators – Christina Washington, Bill Lawson, and Megan Lewis



Recent Solicitations and DCLs

Find links to all recent solicitations and Dear Colleague Letters at the left side of the BIO webpage (WebSearch: NSF BIO) under Funding

Remember – Many BIO solicitations have no deadlines and no submission limits.

- [NSF 21-501 thru 503](#) – Division of Biological Infrastructure Research Resources
- [NSF 21-504](#) – Division of Environmental Biology Core Programs
- [NSF 21-506](#) – Division of Integrative Organismal Systems Core Programs
- [NSF 21-509](#) – Division of Molecular and Cellular Biosciences: Investigator initiated research projects (MCB)
- [NSF 20-525](#) – Faculty Early Career Development Program (CAREER) - **Deadline July 26**
- [NSF 20-564](#) – Opportunities for Promoting Understanding through Synthesis (OPUS) - **Deadline August 2**
- [NSF 19-582](#) – Research Experiences for Undergraduates (REU) Site - **Deadline August 25**
- [NSF 21-584](#) – Research Experiences for Teachers (BIORETS) Sites - **Deadline August 2**
- [DCL 21-085](#) – Research Experiences for Post-Baccalaureate Students (REPS) – **Target date July 2**
- [DCL 21-021](#) – Career-Life Balance Supplement
- [BIO 18-001](#) – Biological Sciences Temporary/Rotator Program Officer



BIO Virtual Office Hours

- DBI Office Hours: Scheduled as appropriate
- DEB Office Hours: second Monday of each month, 1-2 pm Eastern Time
- MCB Office Hours: second Wednesday of each month, 2-3pm Eastern Time
- IOS Office Hours: third Thursday of each month, 1-2pm Eastern Time
- Today: Primarily Undergraduate Institutions: Opportunities in NSF Biological Sciences

Upcoming Topics:

MCB June 9 (tomorrow): How to Write a Great Proposal

DEB June 14: How to Write a Great Proposal

IOS June 17: Supplements



Each Division has an Office Hours webpage has upcoming topics, registration, and recap posts

<https://deblog.nsfbio.com/office-hours/>

DEBrief

Blog of the Division of Environmental Biology, NSF

[Home](#) [DEB Resources and Links](#) [Office Hours](#) [About](#) [Blog Policies](#)



Office Hours

Join us the **second Monday of each month from 1pm-2pm Eastern Time** for the Division of Environmental Biology's (DEB) Virtual Office Hours. Representatives from each of the four clusters will be available to discuss specific programs and funding opportunities. There will then be an open question and answer period – questions can be on any NSF or DEB topic.

Join us remotely and bring your questions! Please use the registration link below to set up your



 Follow ...



BIO Virtual Office Hour

Questions:

- Submit your questions via the Q&A box on your screen and set to “Send anonymously”
- For recently asked questions and future office hour topics, see the Divisional Blogs (DBInfo, DEBrief, IOS in Focus, MCB Blog)
- For specific questions about your project, please contact a Program Officer

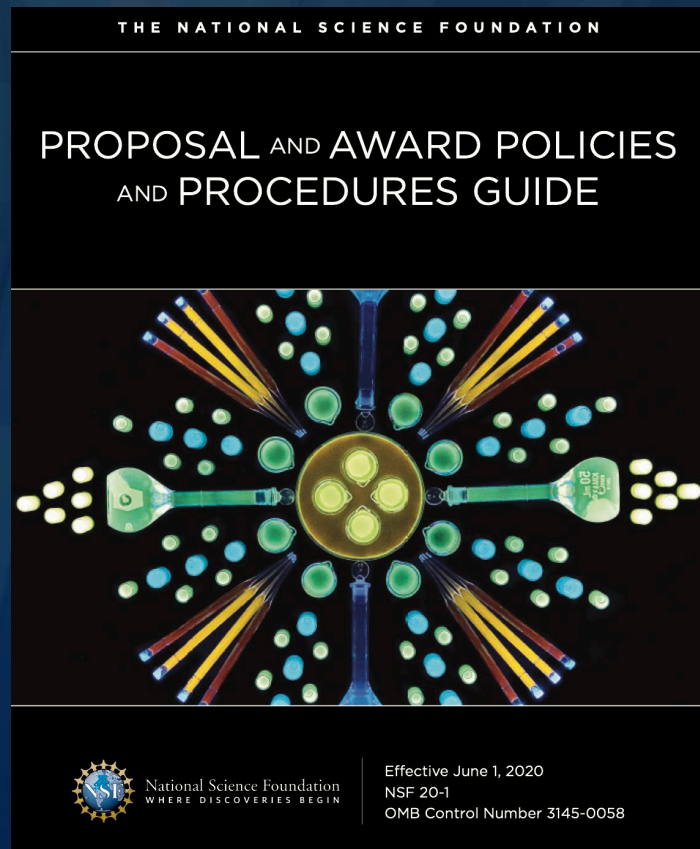


Primarily-Undergraduate Institutions (PUIs)

- PUIs are accredited colleges and universities (including two-year community colleges) that award Associate's degrees, Bachelor's degrees, and/or Master's degrees in NSF-supported fields but have awarded 20 or fewer Ph.D./D.Sci. degrees in all NSF-supported fields during the combined previous two academic years
- Important part of the nation's scientific infrastructure and a key component of training and workforce development
- Eligible for almost all solicitations in BIO



Essential Documents



Division of Environmental Biology (core programs) (DEB)

PROGRAM SOLICITATION

NSF 21-504

REPLACES DOCUMENT(S):

NSF 20-502



National Science Foundation

Directorate for Biological Sciences
Division of Environmental Biology

Full Proposal Deadline(s):

Proposals Accepted Anytime

IMPORTANT INFORMATION AND REVISION NOTES

IMPORTANT INFORMATION

Innovating and migrating proposal preparation and submission capabilities from FastLane to Research.gov is part of the ongoing NSF information technology modernization efforts, as described in [Important Notice No. 147](#). In support of these efforts, the Directorate for Biological Sciences (BIO) is now requiring the use of Research.gov for the preparation and submission of proposals in response to its core programs that do not have deadline dates (see Dear Colleague Letter [NSF 20-129](#)). As such, full research proposals submitted in response to this program solicitation must be prepared and submitted via Research.gov. Proposals also may continue to be submitted via use of Grants.gov.

NSF is taking proactive steps to move the preparation and submission of all proposals from FastLane to Research.gov, however until capabilities are fully implemented, the other types of proposals outlined in Chapter II.E of the *NSF Proposal & Award Policies & Procedures Guide (PAPPG)*, as well as accomplishment-based renewal proposals, must be prepared and submitted via FastLane or Grants.gov in accordance with the applicable guidance contained in the PAPPG or the *NSF Grants.gov Application Guide*.

PAPPG

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Solicitation

NSF 101: Submitting a proposal

- All that is needed for submission of a proposal to NSF is a DUNS#
- You do not need a Sponsored Projects Office
- Requires sign-off by an “Authorized Organizational Representative” or AOR for submission
- Most BIO programs have no deadline
 - Can submit anytime, and file update if a problem is found with any parts of the proposal
- Submission system in BIO is now [research.gov](https://www.research.gov)
 - User-friendly
 - Helpline
 - Many automated compliance checks for uploaded documents



NSF 101: Review of a proposal

Intellectual Merit

- Potential to advance knowledge within/across fields
- Creative, original, potentially transformative concepts
- Well reasoned and organized ideas and experiments
- Qualified investigators
- Access to adequate resources

Broader Impacts

- Potential to benefit society
- Promote training and education
- Enhance infrastructure, resources
- Engage in outreach to community
- Broaden participation of underrepresented groups in STEM



NSF 101: Award of a proposal

- If your institution has not received prior funding from NSF, there is an additional verification process before funds can be transferred
- Your NSF Program Officer and the Division of Grants and Agreements will work with you and your institution



Facilitating Research at Primarily Undergraduate Institutions

- Solicitation [NSF 14-579](#)
- Foundation-wide program, proposals submitted to core programs
- Submission deadlines vary by program and proposals must meet program-specific requirements to be considered for review
- Research in Undergraduate Institutions: RUI
- Research Opportunity Awards: ROA



Research in Undergraduate Institutions: RUI

- Solicitation [NSF 14-579](#)
- RUI proposals support PUI faculty in research that engages them in their professional field(s), builds capacity for research at their home institution, and supports the integration of research and undergraduate education.
- May be submitted as part of a collaborative set of proposals with non-PUIs
- Requires a RUI certification and Impact Statement uploaded into the "Other Supplementary Documents" section



Research Opportunity Awards: ROA

- Solicitation [NSF 14-579](#)
- ROAs similarly support PUI faculty research, but these awards typically allow faculty to work as visiting scientists at research-intensive organizations where they collaborate with other NSF-supported investigators.
- Commonly, but not exclusively submitted as a supplement to an existing NSF award to support ROA activities for PUI faculty



Research Experience for Post-Baccalaureate Students (REPS)

Preferred receipt of proposal is before July 2, 2021.

- Summary of Proposed Work (about half page)
 - Statement that this is REPS supplement request – provide parent award #
 - Mention how many REPS participants, project title/s, and mentor/s
 - If the REPS program is not on campus, mention where the research will be done
 - Include statement on enhancement programming. At a minimum, ethics/RCR and code of conduct on sexual harassment should be mentioned.
- Justification for Supplement (about 2-3 pages)
 - Student Eligibility: Details about the student –demographic info if known; whether graduated; citizenship status; why is student appropriate for REPS; participant career goal; include resume or describe participant
 - Research Plan: Describe student project (about half page) and name of mentor
 - Mentoring Plan: who will mentor and how
 - Assessment – use SALG URSSA

