



Division of Environmental Biology Virtual Office Hour

CAREER Solicitation

Please submit questions via the Q&A button available to you on Zoom.

Please set to "Send anonymously"

Welcome!

Division of Environmental Biology

NSF staff in attendance today:

- Jeremy Wojdak (host) – Population and Community Ecology
- Chris Balakrishnan – Systematics and Biodiversity Science
- Kim Hughes – Evolutionary Processes
- Matt Kane – Ecosystem Science

Facilitators – Megan Lewis, Christina Washington, and Bill Lawson



DEB Virtual Office Hour

DEB Office Hours: second Monday of each month, 1-2pm Eastern

Upcoming Topics:

- | | |
|----------------|---|
| June 7* 2-3pm: | MCB's Let's Talk Broader Impacts |
| July: | No Virtual Office Hour |
| August 14: | Partnerships to Advance Conservation Science and Practice (PACSP) |
| September 11: | Macrosystems Biology and NEON-Enabled Science (MSB-NES) |

*indicates time and date change



DEB Blog posts upcoming topics, registration, and recap posts

<https://debblog.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



NOVEMBER 16, 2021 BY DEB SCIENCE STAFF

11/8/21 Virtual Office Hours Recap – Biodiversity on a Changing Planet

The Division of Environmental Biology (DEB) held its latest Virtual Office Hour on November 8, 2021. We host these office hours 1-2pm EST on the 2nd Monday of every month. There is a designated theme each time, but attendees are welcome to ask about other NSF-related topics. Program Officers provided an introduction to the new solicitation, [Biodiversity on a Changing Planet \(BoCP, NSF 22-508\)](#). The presentation and other documents are available here:

[Slides \(PDF\)](#)

[PAPPG 22-1](#)

If you were unable to attend, here are some of the questions asked during the Q & A section:

Q: Will proposals for the Implementation Track for BoCP be competitive if they are proposed by entirely new teams rather than previously established collaborations?

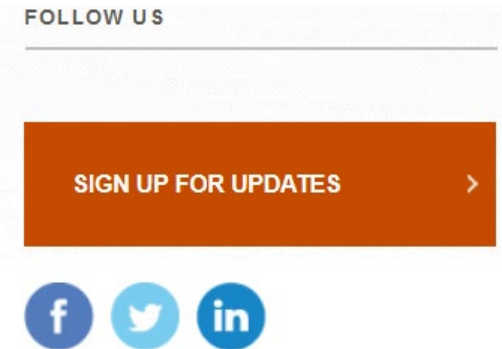
A: Competitiveness is about the quality of the proposal, as defined by the merit review



BIO Newsletter

Quarterly updates on new priorities and solicitations, highlights from the community, and more!

Visit www.nsf.gov



Volunteer to review:

<https://www.surveymonkey.com/r/DEBexpertise>



Recent Funding Opportunities

Find links to all recent solicitations and DCL at the left side of the BIO webpage under Funding

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

- [NSF 23-549](#) – Division of Environmental Biology Core Programs - **No deadline**
- [NSF 22-591](#) – Opportunities for Promoting Understanding through Synthesis (OPUS) – **No deadline**
- [NSF 22-500](#) – Building Research Capacity of New Faculty in Biology (BRC-BIO) – **Deadline June 30**
- [NSF 22-586](#) – Faculty Early Career Development Program (CAREER) – **Deadline July 26**
- DCL 23-055 – Bioinspired Design Collaborations to Accelerate the Discovery-Translation Process (BioDesign)
- DCL 23-092 – Dear Colleague Letter: Availability of Earth Observation Data for NSF-Funded Researchers
- DCL 22-122 – Planning Proposals to Catalyze Innovative and Inclusive Wildland Fire Science through Diverse Collaborations
- [BIO 18-001](#) – Biological Sciences Temporary/Rotator Program Officer



New DEB Core Program Solicitation

NSF 23-549

- **Data Management Plan:** New guidance for specimen management.
- **IntBIO Track:** An Integrative Research in Biology (IntBIO) track invites submission of collaborative proposals to tackle bold questions in biology that require an integrated approach to make substantive progress.
 - must span two or more sub-disciplinary boundaries in biology
 - Projects suitable for review in a single existing BIO program should be submitted to that program (i.e. not IntBIO)
- **Small Grants:** Complete research projects, up to \$200,000
- **Safe and Inclusive Work Environments for off-site research required upon submission*****

Check out the DEB Blog for more information



CAREER Proposals: Overview

- Supports early career faculty (e.g., pre-tenure), helps to build a foundation for a lifetime of leadership in research and education
 - Both research and teaching plans are outlined
 - Teaching/research integration is vitally important
- Submit to this **NSF 22-586**, indicate a secondary review directorate and cluster/program
 - Foundation-wide program, reviewed in topic-specific directorate
- Full proposal submission deadline: **26 July 2023**
- Only one proposal submitted at each competition, a total of three competitions may be entered by applicant
 - Must be un-tenured as of Oct. 1st following proposal submission
 - No previous CAREER award



CAREER Proposals : Structure of Your Submission

- Contain all sections that one would see in a regular proposal
 - Intellectual Merit, Broader Impacts, reporting on previous support, Data Management Plan, etc.
 - **Safe and Inclusive Work Environments for off-site research NOT required upon submission**
- Has some unique aspects
 - Elaborated education plan, letter of support from department chair
 - Letter of support is not a letter of recommendation
- No Co-PI on the cover page
 - This does not mean that no collaborators are allowed, refer to them and their letters of collaboration
- Proposals to BIO, minimum request is \$500,000



How are CAREER Proposals evaluated?

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

+ CAREER: Integration of teaching and research plans



CAREER Proposals: Budgets...

- Personnel
 - <2 month/yr for PI
 - Fringe
- Travel
- Equipment
- Participant support
 - No indirect costs applied
 - What goes in PS, stays in PS
- Other direct costs*
 - Materials/Supplies
 - Subawards
 - Consultants
 - Pub. costs
- Indirect costs
 - Federally negotiated



Essential Documents



Faculty Early Career Development Program (CAREER)
Includes the description of NSF Presidential Early Career Awards for Scientists and Engineers (PECASE)

PROGRAM SOLICITATION
NSF 22-586

REPLACES DOCUMENT(S):
NSF 20-525



National Science Foundation

Directorate for Biological Sciences

Directorate for Computer and Information Science and Engineering

Directorate for Education and Human Resources

Directorate for Engineering

Directorate for Geosciences

Directorate for Mathematical and Physical Sciences

Directorate for Social, Behavioral and Economic Sciences

Office of Integrative Activities

Office of International Science and Engineering

Directorate for Technology, Innovation and Partnerships

Full Proposal Deadline(s) (due by 5 p.m. submitter's local time):

July 27, 2022

Fourth Wednesday in July, Annually Thereafter

PAPPG

+

Solicitation



Division of Environmental Biology (DEB)

Ecosystem Science

Ecosystem structure and function across spatial and temporal (including paleo) scales

Population and Community Ecology

Conceptual understanding of population ecology, species interactions and community dynamics

Evolutionary Processes

Evolutionary dynamics and their consequences

Systematics and Biodiversity Science

Diversity, systematics, and evolutionary history of extant / extinct organisms in natural systems



Where Does My Research Fit?

The screenshot shows the top navigation bar of the NSF website. The 'Awards' menu is open, displaying a list of options: 'About Awards', 'Award Statistics (Budget Internet Info System)', 'Award Conditions', 'Managing Awards', 'Policies and Procedures', 'Presidential and Honorary Awards', and 'Search Awards'. The 'Search Awards' option is highlighted with a red rectangular box. A large yellow arrow points from this box to the search interface in the second screenshot.

The screenshot shows the 'Awards Simple Search' page. The 'Advanced Search' link in the top navigation bar is highlighted with a red box. Below it, the search form is highlighted with a red rounded rectangle. The form includes a text input field labeled 'Search award for:', a 'Search' button with a magnifying glass icon, and checkboxes for 'Active Awards' (checked) and 'Expired Awards' (unchecked). A link for 'Overview of Award Search Features' is positioned above the search input field.



Going from
idea to
proposal

BRC-BIO Building Research Capacity of New Faculty in Biology (NSF 22-500)

- **Who:** Primary investigators must hold at least a 50% tenure-track (or tenure-track equivalent) position as an assistant professor (or equivalent rank), who are untenured, have both research and teaching components to their appointment, and are within the first three years of their appointment.
- **What:** Proposed projects should enable the establishment of research programs for new faculty to position them to apply for future grants to sustain their research and should also enrich undergraduate research experiences and thereby grow the STEM workforce.
- **Where:** Minority-serving institutions (MSIs), predominantly undergraduate institutions (PUIs), and other universities and colleges that are not among the nation's most research-intensive and resourced institutions.
- **When:** Proposal windows are **June 1-30, 2023**

