



# **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"***

May 13, 2024

# Welcome!

## Division of Environmental Biology

### NSF staff in attendance today:

- Chris Balakrishnan (host) – Systematics and Biodiversity Science
- Steve Dudgeon - Population and Community Ecology
- Carolyn Ferguson – Systematics and Biodiversity Science

**Facilitators** – Megan Lewis and Christina Washington



# DEB Virtual Office Hour

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

## **Upcoming Topics:**

June 10 : Merit Review and How to Get Involved with NSF





# DEB Blog posts 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



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?**

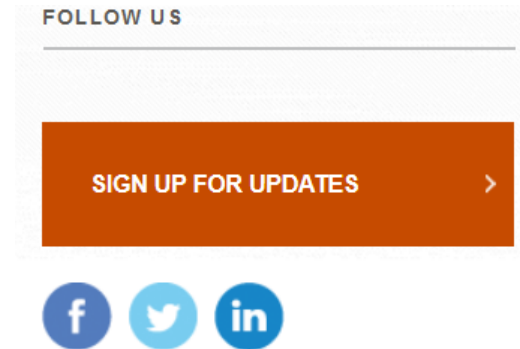
**A:** Competitiveness is about the quality of the proposal, as defined by the merit review



# BIO Newsletter

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

Visit [www.nsf.gov](http://www.nsf.gov)



**Volunteer to review:**

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



# Recent and Upcoming Funding Opportunities

Find links to all recent solicitations and DCL at the top of NSF.gov under Find Funding and Apply

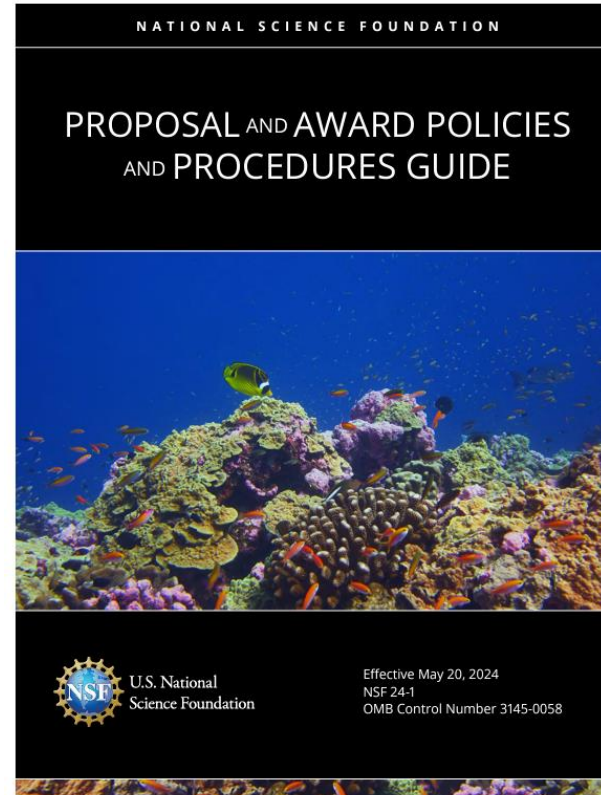
- NSF 24-543 – DEB Core Programs - **No deadline**
- NSF 22-591 – Opportunities for Promoting Understanding through Synthesis (OPUS) – **No deadline**
- NSF 22-500 – Building Research Capacity of New Faculty in Biology (BRC-BIO) – **Deadline July 1**
- NSF 22-542- Leading Culture Change Through Professional Societies of Biology (BIO-LEAPS) – **Deadline July 1**
- NSF 23-598 – Historically Black Colleges and Universities – Excellence in Research (HBCU-EiR) – **Deadline July 11**
- NSF 22-586 – Faculty Early Career Development (CAREER) - **Deadline July 24**
- NSF 21-584 – Research Experiences for Teachers Sites in Biological Sciences (BIORETS) – **Deadline July 31**
- NSF 23-601 – BIO Research Experience for Undergraduates Sites (BIO REU Sites) – **Deadline August 21**
- NSF 23-620 – Postdoctoral Research Fellowship in Biology (PRFB) – **Deadline November 7**
- [BIO 18-001](#) – Biological Sciences Temporary/Rotator Program Officer



# PAPPG 24-1

NSF 24-1: Effective for proposals submitted or due on or after **May 20, 2024**

- Make sure you check out the summary of changes at <https://new.nsf.gov/policies/pappg/24-1/summary-changes>
- You can also check out the webinar hosted by NSF at <https://nsfpolicyoutreach.com/2024-pappg-webinar/>





# 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: **24 July 2024**
- Only one proposal submitted at each competition, a total of three competitions may be entered by applicant
  - Must be un-tenured as of the proposal submission deadline
  - 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 Fieldwork 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**

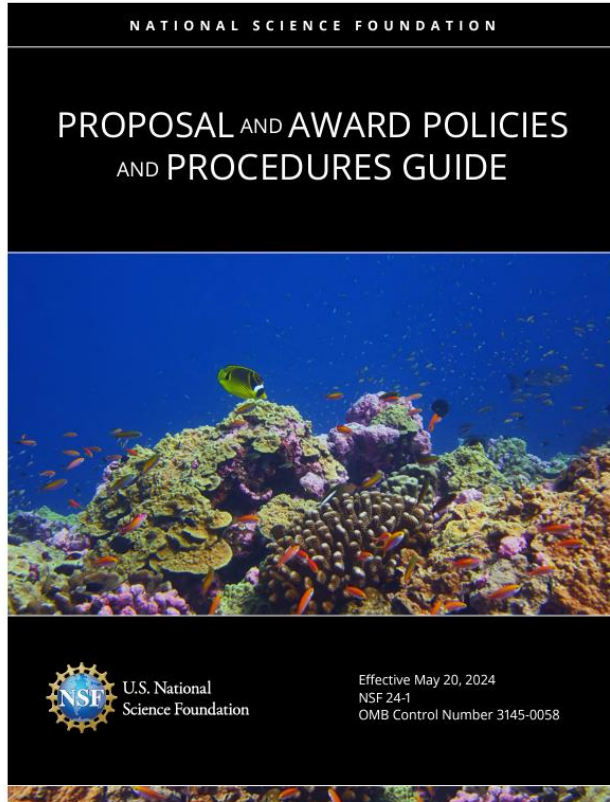


# CAREER Proposals: Budgets...

- 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 expanded, showing a list of options. The 'Search Awards' option is highlighted with a red rectangle. A large yellow arrow points from this option down to the search interface in the next screenshot.

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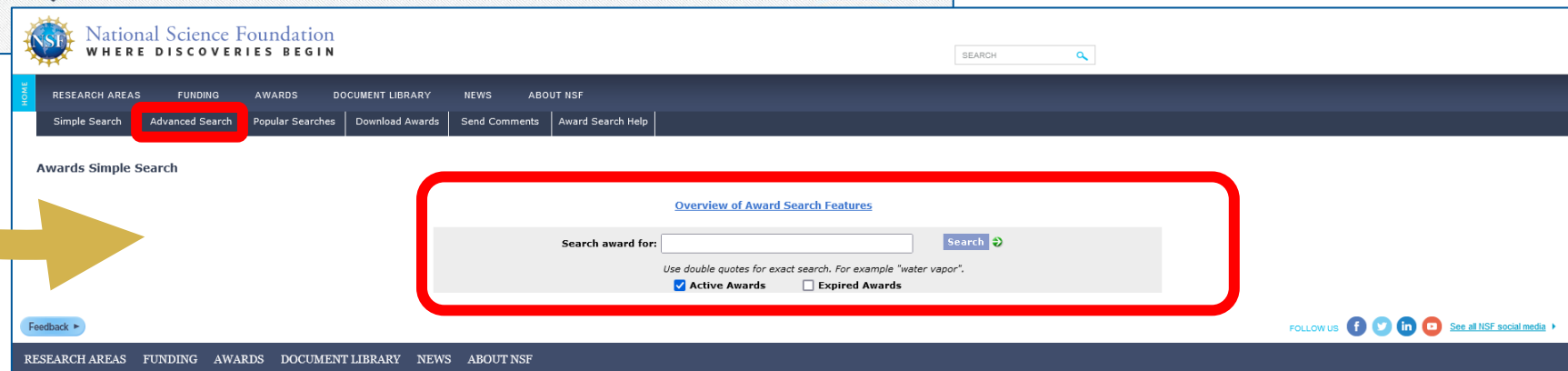
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Award Statistics (Budget Internet Info System)  
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Managing Awards  
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Presidential and Honorary Awards

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NSF Public Access Repository (NSF-PAR)

Search Awards

Advancing the Sciences Funding & Supporting Inspiring & Educating - HIDE



The screenshot shows the 'Awards Simple Search' page. The 'Advanced Search' option in the top navigation bar is highlighted with a red rectangle. The search form is also highlighted with a red rectangle. A large yellow arrow points from the 'Search Awards' option in the previous screenshot to this search form.

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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 **May 1 – July 1 2024**



# Questions?

- **Submit your questions via the Q&A box on your screen and set to “Send anonymously”**
- Upvote questions by clicking the thumbs up icon next to the question you most want answered

