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://debblog.nsfbio.com/office-hours/

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
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 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](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/](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
### 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

**PAPPPG** + **Solicitation**
## Division of Environmental Biology (DEB)

<table>
<thead>
<tr>
<th>Ecosystem Science</th>
<th>Population and Community Ecology</th>
<th>Evolutionary Processes</th>
<th>Systematics and Biodiversity Science</th>
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</thead>
<tbody>
<tr>
<td>Ecosystem structure and function across spatial and temporal (including paleo) scales</td>
<td>Conceptual understanding of population ecology, species interactions and community dynamics</td>
<td>Evolutionary dynamics and their consequences</td>
<td>Diversity, systematics, and evolutionary history of extant / extinct organisms in natural systems</td>
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</tbody>
</table>
Where Does My Research Fit?

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