



Division of Environmental Biology Virtual Office Hour

Postdoctoral Research Fellowships in Biology

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

Welcome!

Division of Environmental Biology

Program Officers in attendance today:

- Dan Marendia – Division of Biological Infrastructure (dmarendia@nsf.gov)
- Diane Okamuro – Division of Integrative Organismal Systems (dokamuro@nsf.gov)
- Kendra McLauchlan – Ecosystem Sciences (kmclauch@nsf.gov)
- Jeremy Wojdak – Population and Community Ecology (jwojdak@nsf.gov)

Facilitators – Christina Washington and Bill Lawson



DEB Virtual Office Hour

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

Upcoming Topics:

October 17*: How to Write a Great Proposal

November 14: Opportunities for Research in Climate Change

December 12: Mid-Career Advancement Solicitation

*Date change due to federal holiday



DEB Blog posts upcoming topics, registration, and recap posts

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

DEBrief

Blog of the Division of Environmental Biology, NSF

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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



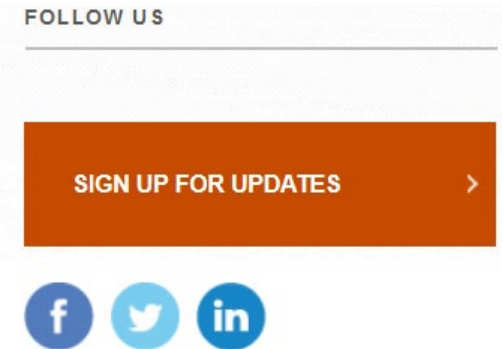
 Follow ...



BIO 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 21-504 – Division of Environmental Biology Core Programs - **No deadline**
- NSF 22-591 – Opportunities for Promoting Understanding through Synthesis (OPUS) – **No deadline**
- NSF 22-613 – Partnership to Advance Conservation Science and Practice (PACSP) – **Deadline Oct 11**
- NSF 20-579 – Dynamics of Integrated Socio-Environmental Systems (DISES) – **Deadline Nov 15**
- NSF 22-504 – Macrosystems Biology and NEON-Enabled Science (MSB-NES) – **Deadline Nov. 14**
- NSF 22-513 – Organismal Response to Climate Change (ORCC) – **Deadline Nov. 15**
- NSF 22-603 – Mid-Career Advancement (MCA) – **Target Window 1 Feb -1 March**
- DCL 21-021 – Career-Life Balance Supplement
- [BIO 18-001](#) – Biological Sciences Temporary/Rotator Program Officer



Questions?

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- Upvote questions by clicking the thumbs up icon next to the question you most want answered
- For specific questions about your project, please contact a Program Officer



NSF Postdoctoral Research Fellowships in Biology (PRFB)

Current solicitation:
NSF 22-623

Deadline: November 3, 2022

**John Barthell, Matt Herron,
Dan Marendia, Amanda Simcox**
Division of Biological Infrastructure
Areas 1 and 2

**Courtney Jahn, Diane Jofuku Okamuro,
Gerald Schoenknecht, Kan Wang**
Division of Integrative Organismal Systems
Area 3



Overview of PRFB Program

- Goals:
 - Support independent research and training of recent recipients of the doctoral degree
 - Foster human resource development in biology
- Fellowships should provide active mentoring of fellows
- Both research and training components are important
- Stipend (salary): \$60,000, plus \$20,000 per year for research, training, travel, fringe benefits (e.g., health insurance)
- Duration of fellowship: Three years
- **Deadline November 3, 2022**



Program Eligibility

- You must:
 - Be a US citizen, national, or permanent resident at the time of application
 - Have a PhD in an appropriate field before starting the fellowship
 - You can apply while still a graduate student or as a beginning postdoc (maximum of 15 months tenure in a position requiring a PhD)
- You must NOT:
 - Submit the same research project to another NSF postdoctoral fellowship program



Three Competitive Areas

Area 1
**Broadening
Participation of Groups
Underrepresented in
Biology**

Area 2
**Integrative Research
Investigating the Rules
of Life Governing
Interactions Between
Genomes, Environment
and Phenotypes**

Area 3
**Plant Genome
Postdoctoral
Research
Fellowships**



Research scope in the PRFB

- Basic biology research within purview of NSF-BIO
 - <http://www.nsf.gov/bio>
- Research may have broader impacts related to medicine and human health
 - Proposals with a biomedical research focus are **not** eligible
- If your application mentions human disease, discuss appropriateness with a Program Officer before you submit
- If you are uncertain about whether your research is appropriate for BIO, contact a Program Officer



Competitive Area 1: Broadening Participation of Groups Underrepresented in Biology

- Goal to increase diversity of scientists explicitly at the postdoctoral level
 - Increased participation based on race, ethnicity, LGBTQIA+ identities, disability status, neurodiversity, veteran status, geography, or other forms of identity, as well as their intersection
- Describe how the proposal will diversify biology at the postdoctoral level
 - Applicant does not have to be a member of an underrepresented group
- All areas of biology eligible, from molecules to ecosystems



Competitive Area 2: Rules of Life

- Goal to understand how higher-order structures and functions of biological systems are formed
 - How key properties and mechanisms of living systems emerge from the interactions of genomes, environments, and phenotypes
- Produce theories or models with predictive capability
- Combine computational, observational, experimental, or conceptual approaches to elucidate the mechanistic relationships between genomes and phenomes in an environmental context
- Span across scales on the continuum of molecules to ecosystems



Competitive Area 3: Plant Genome Postdoctoral Research Fellowships

- Research and training must address important scientific questions that fall within the scope of the Plant Genome Research Program (PGRP)
 - Formerly called the National Plant Genome Initiative (NPGI) Postdoctoral Research Fellowships program
- Overarching Goals of the PGRP:
 - To investigate the **structure and function of plant genomes**, focusing on generating and integrating large scale datasets to provide a comprehensive understanding relevant to economically important plants and plant processes of economic value; and,
 - To develop innovative **tools, technologies and resources** that are essential to drive plant functional genomics forward.



PRFB Virtual Office Hours

Division	Date and time
Division of Environmental Science	September 12, 1-2 pm EST
Division of Molecular and Cellular Biology	September 14, 2-3 pm EST
Division of Integrative Organismal Systems	September 15, 1-2 pm EST
Division of Biological Infrastructure	September 20, 3-4 pm EST

More information on the PRFB program page (search 'PRFB NSF')
Register on the appropriate divisional blog



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