

Division of Environmental Biology (DEB) Virtual Office Hour

Today's topic: BIO Post Doc

Welcome to the DEB 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"

Division of Environmental Biology (DEB) Virtual Office Hour – Welcome!

Program Officers in attendance today

- Matt Herron – Evolutionary Processes (mherron@nsf.gov)
- Kendra McLauchlan – Ecosystem Sciences (kmclauch@nsf.gov)
- John Schade– Ecosystem Sciences (jschade@nsf.gov)
- Amanda Ingram – Systematics and Biodiversity Science (aingram@nsf.gov)
- Diana Pilson – Population and Community Ecology (dpilson@nsf.gov)
- Amanda Simcox- Division of Biological Infrastructure (asimcox@nsf.gov)
- John Barthell- Division of Biological Infrastructure (jbarthel@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 bottom of the DEB webpage (WebSearch: NSF DEB) under Funding Opportunities and Popular Links

Remember – Core DEB solicitation (NSF 21-504) has no deadlines and no submission limits.

- **NSF 20-506** - Macrosystems Biology and NEON-Enabled Science (MSB-NES)- **Deadline Nov. 9**
- **NSF 20-579** - Dynamics of Integrated Socio-Environmental Systems (DISES)- **Deadline Nov. 16**
- ➔ **NSF 20-602** - NSF Postdoctoral Research Fellowships in Biology (PRFB)- **Deadline Nov. 18**
- DCL 20-038 - Developing New Research Collaborations Between Evolutionary Biologists and LTER Scientists
- DCL 19-059 - Research Opportunities Related to Coastlines and People (CoPe)
- DCL 20-033 - Developing and Supporting the National Ecology Observatory Network (NEON) User Community
- **NSF 20-532** - Enhancing Discovery through GENomics Tools (EDGE) – **No deadline**



DEB Virtual Office Hour

- DEB Office Hours: second Monday of each month, 1-2 pm EDT
- Today: BIO Post Docs (PRFB)

Upcoming Topics:

Nov 9: Introduction to DEB

Dec 14: Mid-Career Opportunities

Jan 11: TBD (suggestions?)




New dedicated webpage for DEB Office Hours

<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



 Follow ...



Special Virtual Office Hour

2-3 pm EST, November 18

- Broader impact and broadening participation plans and how to ensure they meet their goals
- BIO Program Officers and guest Susan Renoe, executive director of the NSF-supported Center for Advancing Research Impact in Society
- Find link to register on all BIO blogs or under Events on the BIO page on NSF.gov



DEB 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 DEB blog (<https://debblog.nsfbio.com/>)
- For specific questions about your project, please contact a Program Officer



Overview of PRFB

- Goals:
 - Support independent research and training of recent recipients of the doctoral degree
 - Foster human resource development in biology
- Stipend (salary): \$54,000, plus \$15,000 per year for research, training, travel, fringe benefits (e.g. health insurance)
- Duration of fellowship:
 - Areas 1 & 2: Two years or three years if there is a significant international component lasting ~ one year
 - Area 3: Three years
- **Deadline November 18th 2020**



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 Phenotype
- **Area 3:** Plant Genome Postdoctoral Research Fellowships



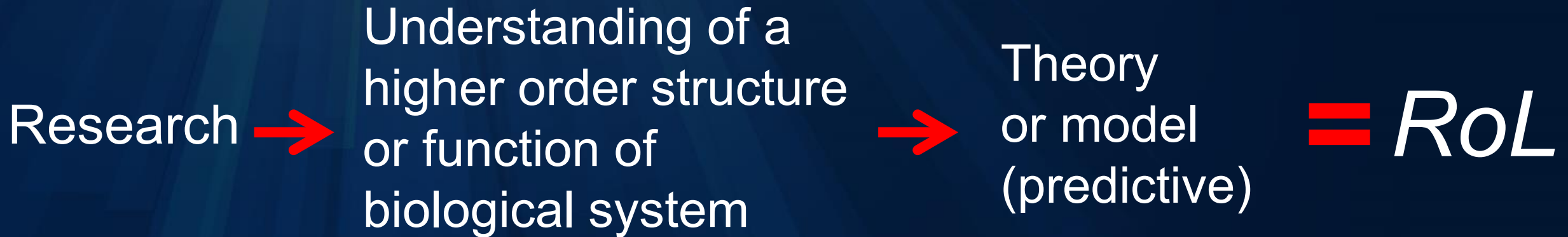
Area 1: Broadening Participation of Underrepresented Groups in Biology

- Any area of research supported by NSF BIO directorate
- Activities to promote broadening participation of underrepresented groups explicitly at the postdoctoral level
 - Underrepresented in biology: Black or African American, Hispanic/Latinx, Native American (Alaska Native, Native Hawaiian, Other Native Pacific Islander) and persons with disabilities



Area 2: Rules of Life

- Involves multiple sub-disciplines of biology
- Spans across scales on the continuum of molecules to ecosystems
- Uses different methodologies
- Genotype X Environment = Phenotype



Area 3: Plant Genome Postdoctoral Research Fellowships

- Formerly called the National Plant Genome Initiative (NPGI) Postdoctoral Research Fellowships program
- Research and training must address important scientific questions that fall within the scope of the Plant Genome Research Program (PGRP)
- 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 of 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.



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 12 months tenure in a position requiring a PhD)
- You must NOT:
 - Submit the same research project to another NSF postdoctoral fellowship program



Preparing a competitive application

- Read the solicitation!
- Write a clear compelling research project aligned with the NSF purview of basic biology research (not medical) and the requirements of a specific Competitive Area
- Propose to work at a different institution with a new mentor
- Promote scientific growth
- Present a training plan to enhance scientific and professional development
- Tailored to career goals



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