



# Division of Environmental Biology (DEB) Virtual Office Hour

Today's topic: Systematics

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

- Katharina Dittmar (kdittmar@nsf.gov)
- Amanda Ingram (aingram@nsf.gov)
- Bruce Lieberman (blieberm@nsf.gov)
- Christopher Schneider (cjschnei@nsf.gov)

**Program Staff** – Christina Washington, Bill Lawson, and Megan Parks



# 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 (20-502) has no deadlines and no submission limits.

- [NSF 20-587](#) - Graduate Research Fellowship Program (GRFP) – **Deadline Oct. 19**
- [NSF 20-542](#) - Historically Black Colleges and Universities – Excellence in Research – **Deadline Oct. 6**
- [NSF 20-579](#) - Dynamics of Integrated Socio-Environmental Systems (DISES)- **Deadline Nov. 16**
- [NSF 20-601](#) – Biological Integration Institutes (BII) -- **Deadline Jan. 13, 2021**
- 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 ET

Today: Opportunities for funding Systematics research

## Upcoming Topics:

September 14: Macrosystems Biology and NEON-Enabled Science (MSB-NES)

Oct 19: BIO Post Docs

Nov 9: Introduction to DEB



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- For specific questions about your project, please contact a Program Officer



# The Systematics and Biodiversity Science Program supports:

- research that advances understanding of the diversity, systematics, and evolutionary history of extant or extinct organisms in natural systems
- projects that address significant questions about organismal evolution using phylogenetic approaches, investigate the origins of biodiversity, elucidate macroevolutionary patterns, or resolve the relationships among taxa across the hierarchy of life
- all "tree-based" approaches to studies of organismal evolution, including tree-building at all taxonomic levels, tree-based studies of character evolution and biogeography, and tree-enabled comparative biology
- expeditionary and exploratory research to advance the discovery, identification, description, classification, and cataloguing of the world's biodiversity, using clade-, guild-, or geography-based approaches



# Some Special Categories in the DEB Core solicitation (NSF 20-502)

- SG: Small Grant – Supports projects up to \$200,000
- ARTS: Advancing Revisionary Taxonomy and Systematics—funds species-level taxonomic work and revisionary monography. Must include substantial training component
- PurSUiT: Poorly Sampled and Unknown Taxa—funds projects that fill significant gaps in biodiversity knowledge (i.e., explores “dark” parts of the Tree of Life) and integrates taxon information in an evolutionary / taxonomic framework. Strong training component is encouraged (see DCL 20-059)
- BEE: Bridging Ecology & Evolution—supports integrative research and training proposals that aim to understand the dynamic interaction of ecological and evolutionary processes and feedbacks at any temporal and spatial scale



# Other Programs of Interest to Systematists

- Dimensions of Biodiversity
- Opportunities for Promoting Understanding Through Synthesis (OPUS; NSF 20-564)
- Faculty Early Career Development Program (CAREER; NSF 20-525)
- Facilitating Research at Primarily Undergraduate Institutions (RUI & ROA; NSF 14-579)
- Biology Integration Institutes (BII; NSF 20-601) – Deadline Jan 31, 2021
- From the Division of Biological Infrastructure:
  - Advancing the Digitization of Biological Collections (ADBC; NSF 15-576) — Deadline October 9, 2020
  - Infrastructure Capacity for Biology / Collections in Support of Biological Research (CSBR; NSF 18-594)
  - Macrosystems Biology and NEON-Enabled Science (MSB-NES; NSF 20-506)





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**Facilitators** – Christina Washington and Bill Lawson



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