



From Postdoc to Principal Investigator

An NSF Division of Integrative Organismal Systems (IOS) Virtual Colloquium
September 13-14, 2023, [Click Here to Register](#)

This two-day virtual colloquium will highlight the scientific research and broader impacts of postdocs supported by NSF's Division of Integrative Organismal Systems (IOS) and provide key insights on funding topics relevant to postdocs as they plan their career transition to beginning principal investigators. Each day will also include opportunities to engage with NSF Program Directors in Q&A breakout sessions.

Day 1: Wednesday, September 13, 2023 (all times in ET)	
12:00 – 12:15 PM	Welcome and Overview of the Colloquium
12:15 – 12:45 PM	A Practical Guide to Navigating NSF and IOS Resources
12:45 – 1:35 PM	Introduction to IOS Core Programs Funding Opportunities <ul style="list-style-type: none">Behavioral SystemsDevelopmental SystemsNeural SystemsPhysiological and Structural SystemsPlant Genome Research ProgramIntegrative Research in Biology (IntBIO)
1:35 – 2:15 PM	Q&A: NSF Program Directors answer your questions about IOS Core Programs
2:15 – 2:30 PM	Break
2:30 – 3:00 PM	Postdoc Presentations Session A: Organism Function & Resilience in a Changing Environment
3:00 – 3:30 PM	Introduction to Selected Funding Opportunities: <ul style="list-style-type: none">Organismal Response to Climate Change (ORCC)Biodiversity on a Changing Planet (BoCP)Enabling Discovery through GENomics (EDGE)Technology, Innovation and Partnerships (TIP)Ecology and Evolution of Infectious Diseases (EEID)Building Synthetic Microbial Communities for Biology, Mitigating Climate Change, Sustainability, and Biotechnology (Synthetic Communities)
3:30 – 3:45 PM	Break
3:45 – 4:15 PM	Postdoc Presentations Session B: Advances in Integrative Organismal Systems Research
4:15 – 5:00 PM	Activity: Drafting a One-Page Concept Outline
Day 2: Thursday, September 14, 2023 (all times in ET)	
12:00 – 1:15 PM	Keynote Panel: Transitioning from Postdoc to Principal Investigator Insights from IOS CAREER & BRC-BIO Awardees
1:15 – 2:00 PM	Introduction to Selected Funding Opportunities: <ul style="list-style-type: none">Faculty Early Career Development Program (CAREER)Building Research Capacity of New Faculty in Biology (BRC-BIO)Facilitating Research at Primarily Undergraduate Institutions (RUI/ROA)
2:00 – 2:30 PM	NSF's Review Process: Your audience, how to participate, and how to write a good review
2:30 – 2:45 PM	Break
2:45 – 3:15 PM	Postdoc Presentations Session C: Genomes to Phenomes
3:15 – 3:45 PM	Tips for Developing NSF Research Proposals
3:45 – 4:00 PM	Break
4:00 – 4:30 PM	Postdoc Presentations Session D: Advances in Integrative Organismal Systems Research
4:30 – 5:00 PM	Q&A: NSF Program Directors answer your questions about developing research proposals and CAREER, BRC-BIO, and RUI/ROA funding opportunities