

Opportunity Title: RCN: The Network for Life Detection (NFoLD) - Oceans Across Space and Time

Opportunity Reference Code: 0019-NPP-NOV23-ABProg-Astrobio

Organization National Aeronautics and Space Administration (NASA)

Reference Code 0019-NPP-NOV23-ABProg-Astrobio

How to Apply All applications must be submitted in [Zintellect](#)

Application Deadline 11/1/2023 6:00:59 PM Eastern Time Zone

Description Description:

Habitability is defined by the metabolic challenges and opportunities that exist in an environment. Predicting habitability requires a complete knowledge of the physical setting of an environment and the biochemistry and physiology of its likely inhabitants. Oceans Across Space and Time (OAST) seeks to understand how biological communities and physical settings shape habitability, and the limits of habitability in key analog environments. Project outcomes will help guide life detection missions by identifying probable signatures of life in these environments, and by improving our understanding of where and how these signatures are distributed. OAST is a highly interdisciplinary collaboration between Cornell University, Scripps Institution of Oceanography, Georgia Tech, Blue Marble Space Institute of Science, Louisiana State University, Stanford University, Dartmouth University, and Kansas University. Project participants are strongly encouraged to develop collaborations across the range of expertise available within OAST.

Field of Science: Astrobiology

Advisors:

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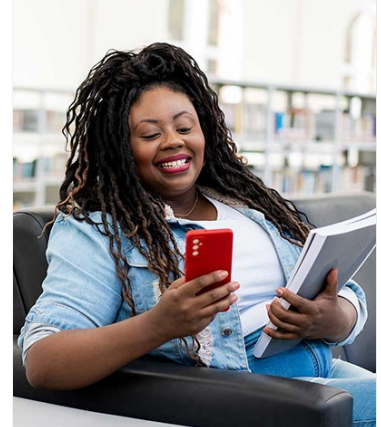
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Eligibility is currently open to:

- U.S. Citizens;
- U.S. Lawful Permanent Residents (LPR);
- Foreign Nationals eligible for an Exchange Visitor J-1 visa status; and,
- Applicants for LPR, asylees, or refugees in the U.S. at the time of application with 1) a valid EAD card and 2) I-485 or I-589 forms in pending status

Eligibility Requirements

- **Degree:** Doctoral Degree.