

Postdoctoral Researcher Position NASA EXPORTS Zooplankton Grazing Dynamics

The Rynearson and Menden-Deuer labs at the University of Rhode Island's Graduate School of Oceanography invite applications to fill a Postdoctoral Researcher position focused on investigating both micro- and mesozooplankton grazing as part of the NASA EXPORTS program.

Responsibilities and Duties: The postdoctoral associate will be responsible for participating in the 2020 research cruise to the North Atlantic as part of the NASA EXPORTS program with a focus on micro- and mesozooplankton and their role in transforming organic carbon in the water column. Activities will include participation in the research cruise, sample processing and the application and analysis of high-throughput sequencing data to examine both gut contents and regulation of predator metabolic pathways in response to the prey field. Responsibilities also include dissemination of results in publications and presentations. The successful candidate will be required to contribute to the functioning of the lab, assist with graduate or undergraduate student mentoring and will be encouraged to develop future research projects. There is no teaching requirement, but teaching opportunities can be provided.

Qualifications: Candidates are required to have a Ph.D. degree by July 2019 in Oceanography, Biology or a related field. Candidates must possess demonstrable experience with the bioinformatic analysis of high-throughput sequence data and familiarity with cell biology. A willingness to participate in a multi-week research cruise is essential. Excellent command of the English language (written and verbal) and quantitative analytical skills are important.

Appointment: The position is for 12-months initially, commencing in July-August 2019 and renewable depending on funding availability and performance. The successful candidate will receive training in research collaboration, presentation and publication of results, and outreach and mentoring..

To Apply: Applications must include (1) a maximum 3-page statement of experience, career goals, research vision and interests; (2) curriculum vitae, (3) reprints of relevant publications and (4) names and addresses of three referees willing to write confidential letters of recommendation. All materials should be emailed as a single pdf document to: rynearson@uri.edu with 'EXPORTS PostDoc Application' in the subject line. Candidates will be selected based on overall excellence, including academic qualifications, letters of recommendation, and prior skills, experience, and research goals that are compatible with the goals of the funded research. The position is compensated through a competitive salary and excellent benefits package.

Closing date: For full consideration, applications should be received by Mar 10, 2019.

More information: Rynearson lab: <https://web.uri.edu/rynearson-lab/>

Menden-Deuer lab: <http://mendendeuerlab.com/>