



## Postdoctoral Scientist Position in Microbial Eco-physiology in Extreme Environments

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### Position

#### Title

Postdoctoral Scientist Position in Microbial Eco-physiology in Extreme Environments

#### School

Faculty of Arts and Sciences

#### Department/Area

OEB

#### Position Description

The Girguis lab at Harvard University invites applications for a 2-year postdoctoral research position in microbial ecological physiology. This is a NASA-funded position to study the physiological and biochemical attributes of microbes in environments that may be analogs of environments on other ocean worlds, e.g. Europa and Enceladus. The primary research focus is on fundamentally understanding the evolution, ecology and metabolic activity of microbes that thrive in so-called "extreme environments", in particular those capable of extracellular electron transfer.

The successful candidate will work closely with research groups in the Dept. of Organismic and Evolutionary Biology (home department) as well as colleagues at the Woods Hole Oceanographic Institution and The University of Minnesota. Some travel may be required, though the frequency and duration are negotiable.

#### Basic Qualifications

The ideal candidate will have demonstrated expertise and hands-on experience in high-throughput metagenomic and metatranscriptomic analyses for microbial community and functional profiling, as well as DNA & RNA purification, PCR, and sequencing library preparation. The ideal candidate will also have a robust publication record that demonstrates their competencies. Experience with chemostats or high-pressure aquaria is highly desirable.

#### Additional Qualifications

#### Special Instructions

Applicants should send application materials (resume, publication list, statement of research interests) and the names and contact information for three references to Dr. Peter Girguis, care of Jennifer Thomson (jthomson@oeb.harvard.edu). A PhD in a related field is required at the time of appointment. This position is available immediately and will remain open until May 1st, 2020.

#### Contact Information

Jennifer Thomson  
jthomson@oeb.harvard.edu

#### Contact Email

jthomson@oeb.harvard.edu

#### Equal Opportunity Employer

We are an equal opportunity employer and all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability status, protected veteran status, gender identity, sexual orientation, pregnancy and pregnancy-related conditions or any other characteristic protected by law.

#### Minimum Number of References Required

3

#### Maximum Number of References Allowed

### Supplemental Questions


Required fields are indicated with an asterisk (\*).


**Applicant Documents**  
**Required Documents**


- 1. Curriculum Vitae
- 2. Cover Letter


**Optional Documents**

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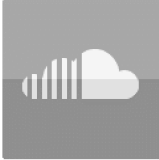
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