

Postdoc - Saxitoxin producing dinoflagellates

A postdoctoral position is immediately available in the laboratory of Jeremiah Hackett (<http://www.eebweb.arizona.edu/Faculty/Hackett/Home.html>), Ecology and Evolutionary Biology Department, **University of Arizona**, Tucson, Arizona.

The successful candidate will use genomic approaches to investigate the **ecology, physiology and evolution of saxitoxin producing dinoflagellate algae**. We are using **next-generation sequencing and gene expression methods** to understand harmful algal bloom formation and toxin production and comparative genomics to investigate the origin and evolution of genes involved in the production of toxins and other secondary metabolites. This is a NSF-supported position for 1 year, renewable for an additional year with satisfactory performance. With your application, submit a CV and a statement of interest describing your previous research experience and two (2) letters of reference.

Minimum Qualifications:

We are looking for a highly motivated individual with a Ph.D. degree and with demonstrated ability to carry out outstanding research in the fields of genetics, genomics, algal ecology, or related fields.

Experience with molecular biology techniques and demonstrated communication skills are essential qualifications.

Preferred Qualifications:

Previous research experiences with harmful algae, functional genomics, phylogenetics and molecular evolution, and/or bioinformatics are highly desirable.

Direct questions and inquiries regarding this position to Jeremiah Hackett (hackettj@email.arizona.edu)

Please apply to this posting via the University of Arizona's careers website:

www.uacareertrack.com/applicants/Central?quickFind4658