**REU Summer 2015 in Aquatic Ecology, Portland State University**

**NSF-Sponsored Research Experience for Undergraduates in Aquatic Ecology, Portland State University**

The Strecker Aquatic Ecology Lab at Portland State University invites applications for an REU position on an NSF-funded project on the effects of hydrologic alterations and climate change on freshwater ecosystem connectivity and ecology on the Columbia Plateau. The candidate will have numerous opportunities to enhance their career by working with ecologists and other scientists, including members of the PI’s lab (<http://aquaticecologylab.weebly.com/>). The REU project will focus on a unique feature of some aquatic invertebrates, which can produce resting eggs that undergo prolonged dormancy in the sediment of waterbodies and hatch under favorable conditions. The project will work on a research question related to hatching success of zooplankton resting eggs in different environmental conditions and at different historical time periods.

A stipend of $4500 is available, in addition to $600 for subsistence and help with travel costs to and from Portland. On-campus housing will be provided.

**Application:** Applicants must provide their (unofficial) transcripts and two letters of recommendation from professors familiar with their academic performance. A one page essay describing their experience, motivation, qualifications, and research interests is required. All materials should be sent to Dr. Angela Strecker (strecker@pdx.edu).

**Selection Criteria**: A background in ecology, biology, environmental science, or a related field, with a strong interest in aquatic ecosystems is required. Previous research experience is not required. Students from underrepresented minorities are strongly encouraged to apply. Additional selection criteria include:

* Motivation and enthusiasm to develop research skills and techniques
* Successful completion of college-level courses relevant to research
* An academic record with consistent progress
* Ability to participate in the entire 10 week program – start date is negotiable
* Applications are due by March 22nd, with a decision expected by April 10th

**Eligibility**: Students graduating in the year of the program are not eligible. Students must also be United States citizens or permanent residents. Students must be enrolled in a community college, college or university and have good academic standing.