

**PhD Graduate Research Assistantship in Desert Amphibian Conservation**  
**School of Aquatic and Fishery Science**  
**University of Washington, Seattle, Washington.**

**Responsibilities:** A highly motivated PhD student is needed to pursue doctoral research as part of a collaborative project that aims to understand how flow intermittence and landscape connectivity govern the spatial and temporal dynamics of native (threatened) and non-native amphibians in intermittent and ephemeral streams of southern Arizona. The student will examine how hydrology, hydrologic connectivity and other riverine characteristics influence the demography (e.g., distribution, abundance) and population genetics (e.g. gene flow, structure, diversity) of amphibians across a gradient of flow permanence, and explore the potential impacts of climate change. The successful applicant will be advised by Dr. Julian Olden (School of Aquatic and Fishery Sciences, University of Washington), and will work closely with researchers from Oregon State University, State University of New York, and partners in Arizona including AZ Game and Fish Department and The Nature Conservancy.

**Qualifications:** MS in ecology, zoology, or related field with a competitive GPA and GRE scores. Priority will be given to applicants with previous experience studying amphibians (biology, ecology, and sampling techniques), quantitative skills, and/or a background in landscape genetics (no experience using molecular techniques is needed). A demonstrated ability to publish in peer-reviewed journals and experience conducting research in arid and semi-arid ecosystems is preferred, but not required.

**Location:** The position will be located within the School of Aquatic and Fishery Science (SAFS) at the University of Washington, Seattle, Washington. SAFS includes 30 faculty, 125 graduate and 100 undergraduate students, and about 90 administrative and research staff. The breadth and scope of SAFS encompasses programs for undergraduate and graduate teaching, research and service in basic and applied aquatic sciences with an emphasis on aquatic resource conservation. Faculty, staff and students have access to myriad aquatic habitats and rich biological resources, and are involved in interdisciplinary partnerships with other academic programs, as well as public and private organizations and environmental and regulatory agencies.

**Salary:** Stipend will be \$21,400 annually plus benefits and tuition.

**Start date:** Fall 2010 (Summer 2010 preferred)

**Contact:** To apply email a cover letter that addresses your interest and experience, curriculum vitae, unofficial transcripts, and contact information for at least three references to: Dr. Julian Olden, School of Aquatic and Fishery Sciences, University of Washington at [olden@u.washington.edu](mailto:olden@u.washington.edu). Screening of applicants will occur prior to the SAFS application deadline on December 15, 2009. UW is an equal opportunity employer and actively seeks diversity among its employees. See <http://www.fish.washington.edu/graduates/index.html> for more details regarding admission.

**More information can be found at:**

Julian Olden <http://www.fish.washington.edu/research/oldenlab/>