Graduate Assistantship: Pacific lamprey migration

Please pass along to any interested parties and pardon any double listings. Thanks!

Cheers,
Chris Caudill

Graduate assistantship in Pacific lamprey conservation and management at the University of Idaho.

I am seeking applicants to fill a graduate assistantship (MS or Ph.D.) studying migration behavior and dam passage of adult Pacific lamprey in the Columbia River. Students can be matriculated through one of several disciplinary and interdisciplinary graduate programs (Fish and Wildlife Sciences, Water Resources, or Environmental Sciences) and will be associated with a research consortium motivated by questions about the ecology and migration of fishes (https://www.uidaho.edu/cnr/ferl).

The ideal candidate will be a highly motivated and collaborative individual with a BS/MS in a relevant field of study (e.g. fisheries, biology, ecology & evolution), with coursework in chemistry and statistics, field experience in aquatic or fish ecology, and desire to apply interdisciplinary approaches to questions in fish and aquatic ecology in conservation and management settings. The ability to work both independently and collaboratively will be essential. Competitive stipends with full tuition waivers are available. Students may arrive spring or summer on a research assistantship to participate in field work during 2017 and fully matriculate in the fall of 2017. Structure of the thesis will include components below, with substantial flexibility to develop independent components:

1) evaluation of effectiveness of Lamprey Passage Systems installed at Bonneville Dam intended to enhance adult passage success using radio- and PIT telemetry.
2) evaluation of the effects of the new Lamprey Passage Systems on co-migrating adult salmon and steelhead listed under the Endangered Species Act using acoustic camera (DIDSON) observations.
3) evaluation of Pacific lamprey behavior and physiology in experimental flumes to test design effectiveness and the relationship between lamprey passage success and swimming endurance.

Projects include substantial potential for development of independent research topics as well as collaborative interaction with regional researchers, fisheries biologists, and managers (USACE, NOAA-Fisheries, and Tribal agencies).

The positions will remain open until suitable candidates are selected; initial review of applications will begin 20 March 2017.

How to Apply: Please email the following to Chris Caudill (caudill@uidaho.edu): (1) your resume or CV; (2) a letter of interest, including research interests, professional goals and prior experience, and (3) contact information for three references. Prior to acceptance, students must also apply to the University of Idaho College of Graduate Studies (see www.grad.uidaho.edu).

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