Postdoctoral Scholar: The Fish Lab Conservation and Culture Laboratory
Department of Biological and Agricultural Engineering
University of California, Davis

The Fish Conservation and Culture Laboratory (FCCL, https://fccl.ucdavis.edu/) is seeking a postdoctoral scholar to work on a spawning behavior and microhabitat study focusing on an endangered fish species, Delta Smelt *Hypomesus transpacificus*. The FCCL is a part of Dept. Biological and Agricultural Engineering at University of California, Davis, but the location of the FCCL is at Byron, CA. This appointment will be a 100% time for duration of one year with the possibility of extension for another year.

POSITION DESCRIPTION: Successful candidate will be involved in the study mainly focus on, but not limit to, 1) observe and document the Delta Smelt spawning behavior, 2) obtain the flow velocity required for egg hatching, 3) determine the spawning preference between substrates and water depths, and 4) study the effect of salinity on the hatching of eggs. General responsibilities also include: laboratory support, animal trial support, and sample analysis and data management. The candidate should also be actively and significantly involved in reviewing journal articles, engaging in discussions on research and the interpretation of research results, participating in appropriate professional societies or groups and other educational and research organizations, presenting research data in society annual conferences, and publishing manuscripts. The ideal candidate will have strong interpersonal, communication, and decision-making skills, as well as the ability to work well independently and as part of a team.

Employee is personally responsible for following health and safety guidelines/instructions. Work regularly scheduled hours (8am-5pm) and occasional evenings, weekends, or holidays to meet project priorities. Work flexible or extended hours as needed based on workload demands. Travel to and from client sites on and off campus (at Byron, CA 94514).

BASIC QUALIFICATIONS:
PhD degree in Animal Science or a related field with a minimum of 4 years' experience in laboratory.
Strong lab technique in underwater fish behavior monitoring.
Experience in aquacultural systems, fisheries sciences, ecology, or related field.
Experience in developing fish culture method of all life stages.
Strong knowledge and experience in statistical data analysis.
Demonstrated publication record.
Good oral and written skills to communicate data summary to collaboration parties.
Provide own, reliable, transportation to and from work site with CA driver's license.

PREFERRED QUALIFICATIONS:
Experience in spawning behavior of smelts.
Experience in fish behavior monitoring.
PHYSICAL DEMANDS:

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Lift or move 40-75 lbs on regular basis to move fish around facility and up to 180 lbs on occasion with assistance. Work under indoor and outdoor conditions over rough terrain. Physical strength and endurance to move throughout facility. May encounter spiders, snakes, wasps, and other animals occurring in field conditions.

JOB EXPECTATIONS:
Promptly response to the requests made by the supervisor. Give timely feedback, including bad outcomes. Write semi-annual reports. Prepare posters and present results in conferences.

APPLICATIONS: Application materials must be submitted to Dr. Tien-Chieh Hung at thung@ucdavis.edu. The position will remain open until filled. To ensure consideration, application materials should be received by October 20, 2017.

MATERIALS REQUESTED TO INCLUDE: To apply, please send the following application materials:
1) Cover letter
2) Curriculum vitae

QUESTIONS: Please direct questions to Dr. Tien-Chieh Hung (thung@ucdavis.edu).