

Graduate Assistantship (Fish Health) – University of Idaho

We are seeking a graduate student to work on a new USDA-NIFA project to determine the efficacy of oral administration of probiotic (C6-6) in the management of Cold water disease (CWD), columnaris disease and their related co-infections, and immunomodulatory properties of C6-6, effect on pathogenic load following challenge, and determine microbiome composition.

We are open to candidates seeking MS degree, the position will be based in the Department of Fish and Wildlife Sciences at the University of Idaho. The candidate will be supervised by Drs. Ken Cain and Jie (Jessie) Ma and work together with other graduate students in the area of fish health/immunology.

Minimum Qualifications: Bachelor's degree in Fish Health/Aquaculture, Microbiology, Molecular biology, or closely related field, a strong interest in Fish Health/Aquaculture research, a good work ethic, and solid communication and quantitative skills.

Additional Desirable Qualifications: Aquaculture experience, Lab competencies in molecular biology, knowledge of bioinformatics.

The salary, fringe benefits, and appointment terms (2 yrs.) are consistent with the current rules for M.S. degree students at University of Idaho (UI). Ideally, the student will begin coursework and research in January 2023 or Summer 2023. Review of applications will begin on October 10, 2022. Application materials should be e-mailed to kcain@uidaho.edu and jiema@uidaho.edu and include the following:

1, A cover letter motivating the application (background, interests, goals); 2. CV; 3, Names of 3 professional references; 4. Unofficial transcripts.

If selected for this position, the candidate would then need to formally apply through the UI Graduate School.

For additional information please contact Dr. Jessie (Jie) Ma (see below).

Jie (Jessie) Ma
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