

Ph.D. Graduate Assistantship: Food web impacts of alewife reintroduction - University of Maine, Orono



Responsibilities: The incumbent will develop a research project aimed at understanding how the reintroduction of sea-run alewife may influence the food web and sport fisheries of coastal lakes in Maine. The student will use pre- and post- introduction assessments to assess general ecology shifts and growth in target species (e.g., land locked Atlantic salmon). Other complimentary approaches will be collaboratively developed. Experience in field ecology, database management, and modeling are desirable – but only a willingness to learn is a necessity. Good communication skills are essential. The incumbent will work with many partners (State of Maine, federal, tribal and NGOs), and be responsible for frequent reporting. The student will be advised by both Christina Murphy and Joe Zydlewski. One to two semesters of TA support is anticipated. Individuals from underrepresented groups are encouraged to apply.

Qualifications: M.S. in biology or equivalent, quantitative skills, interest in fisheries science and excellent work ethics. GPA of 3.2+ is desired.

Salary: \$26,000 per year, \$2,386 health, and \$7,033 tuition (estimated). Funding is renewed annually, 4.5 years is anticipated.

Closing date: Review will begin December 31, 2021 and continue until filled; anticipated starting date of May 15, 2022.

Contact: Send cover letter, CV, transcript copies, three references (names only) and GRE scores/percentiles (optional) to Joe Zydlewski (email josephz@maine.edu) with heading “Alewife-food web”

Link: <https://www1.usgs.gov/coopunits/unit/Maine>