

## **M.S. Graduate Assistantship at the University of Maine**



*In The School of Marine Sciences, University of Maine, Orono working  
with  
Nishad Jayasundara and Joseph Zydlewski*

**Responsibilities:** The incumbent will step into a two-year study to develop a bioenergetic model of Atlantic salmon embryo development in the context of thermal stress. The project will use experimental approaches to estimate embryonic metabolic rates as a function of temperature and will use the data to develop a predictive survival models for this critically endangered and commercially important fish. This is an experimentally and quantitatively intense study - a willingness to learn experimental and theoretical approaches will be critical. Good communication skills are essential as this project will be collaborative within the University of Maine and among several governmental and industry partners. The student will also have some latitude to develop additional complementary work as part of the project. RA and TA support are anticipated.

**Qualifications:** B.S. in biology or equivalent, quantitative skills, interest in fisheries science and excellent work ethics.

**Salary:** \$23,000 per year (2 year), \$1,366 health, and tuition.

Anticipated starting date: Jan 1, 2020. Ideal candidate may also be interested in starting as a research technician as early as November 1st 2019 and will transition to the MS program.

**Contact:** Send CV, transcript copies, 3 refs (names) and GRE scores (if available) to Nishad Jayasundara (email [nishad.jayasundara@maine.edu](mailto:nishad.jayasundara@maine.edu)).