

PhD Assistantship, EES Program, Central Michigan University – Freshwater Mussel Genetics

A funded PhD assistantship is available under the supervision of Dr. Dave Zanatta in the Earth and Ecosystem Science (EES) program (<https://www.cmich.edu/colleges/cst/EES/Pages/default.aspx>) at Central Michigan University. The project, to be developed and lead by a PhD student, will be to compare the genetic variation among wild and captive-bred populations of freshwater mussels (Unionidae) leading to the development of genetically sound guidelines for propagating imperiled freshwater mussels. Funding for this project is being provided through a partnership with Fisheries and Oceans Canada. A full stipend and tuition waiver for at least 4 years will be provided.

Before applying to the EES PhD program, please contact Dr. Zanatta (zanat1d@cmich.edu) with a letter of interest describing your experience and background, CV, GRE scores, GPA and unofficial transcripts.

Start date: January or May 2018

Salary: ~\$25,000/yr + tuition waiver

Qualifications:

Required: BS in Biology or related field; previous research experience in aquatic ecology or conservation or aquaculture; experience in population/conservation genetics; strong writing and oral communication skills; good quantitative/statistics background; interest in pursuing a career in academia or research; GPA >3.0.

Preferred: MS in Biology or related field; experience with freshwater mussels (unionids) and/or fisheries genetics; track record in publications and/or conference presentations; GPA >3.5.

Dave Zanatta, Ph.D.

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