

MS Research Assistantships at SUNY-ESF (3 Positions)

We seek MS students with interests in aquatic ecology, limnology and ecotoxicology to pursue research projects at the State University of New York's College of Environmental Science & Forestry.

Research topics include 1) The role of life history strategy on the trophic ecology and bioaccumulation of persistent organic pollutants in the freshwater mysid shrimp (*Mysis diluviana*) 2) The importance of overwintering on yellow perch proximate composition, persistent organic pollutant bioaccumulation and stable isotope ($\delta^{13}\text{C}$ & $\delta^{15}\text{N}$) ecology and 3) Quantifying individual efficiencies, population structure and bioenergetics of Great Lakes lake trout populations. Each of these projects represents a combination of laboratory and field work with sampling efforts focused in New York's Finger Lakes region and Lake Ontario.

Preferred candidates will have strong backgrounds in aquatic ecology and limnology in addition to good lab techniques associated with working in a chemistry lab environment. Additional experience and background in ecotoxicology, field work and familiarity with operating small watercraft is beneficial, however, these skills are not essential to apply.

Interested applicants are encouraged to contact Dr. Gord Paterson (gpaterso@esf.edu) for specific project details and application instructions. Qualified applicants will be encouraged to apply for graduate teaching assistantships and scholarships. We anticipate potential candidates to officially apply to enroll for the fall semester, starting August 2015. Applications will be reviewed as they are received and review will continue until suitable individuals are selected.