Graduate student opportunities at The State University of New York College of Environmental Science and Forestry (SUNY ESF)! Beginning Fall Semester 2024

There are a number of graduate student opportunities opening up with Kyle Artelle’s team at the State University of New York College of Environmental Science and Forestry (SUNY-ESF) Department of Environmental Biology, in affiliation with the Center for Native Peoples and the Environment. These positions could be at either the MSc or PhD level, and include projects in collaboration with and in support of the Haiłzaqv (Heiltsuk) First Nation in British Columbia, Canada. There might also be opportunities to contribute to projects closer to the ESF campus, itself located within the Land Rights Action area of the Onondaga Nation and the broader Haudenosaunee Confederacy.

Ideal candidates will have an undergraduate degree in natural sciences, conservation, or a related field, and be keen, hard-working, and highly collaborative. Demonstrated skills in quantitative or related analyses are an asset. Field opportunities, where possible, might require spending long periods of time in the field in cold, wet, conditions. Working respectfulely in, and in service to, the Haiłzaqv First Nation, its agencies, and any other communities we partner with is a requirement.
Specific upcoming graduate opportunities include the following projects:

- **Green crabs**: Ecology and control of European-Green Crab (co-supervised by Dr. Stephanie Green at the University of Alberta – see full description here: https://kyleartelle.ca/wp-content/uploads/Student-posting-green-crabs-2023-11-16.pdf). Note that this position can be held either at the University of Alberta or SUNY ESF.
- **Wolves**: Wolf and biodiversity monitoring project that combines camera trapping, autonomous recording units (audio recordings), and non-invasive genetic materials (hairs and scats) to understand ecology and conservation of wolves throughout Haíłʔaqv Territory. Project in collaboration with HIRMD, Paul Paquet of Raincoast Conservation Foundation, Woodland Park Zoo, and Living With Wolves.
- **Herring restoration**: Project supporting Haíłʔaqv-led restoration of herring populations via millennia-old transplanting approaches, led by HIRMD.
- **Clams**: Project supporting Haíłʔaqv-led restoration of recently impacted clam beaches

Incoming students will join a growing lab currently consisting of students co-advised with labs based in Alberta (Green Lab) and Ontario (Prosser Lab), whose work is also in support of and in collaboration with the Heiltsuk Integrated Resource Management Department (HIRMD), part of a broader team of scientists and practitioners dedicated to supporting conservation of species and ecosystems in a way that supports people and places alike. Our work is primarily in collaboration with Indigenous communities. Our lab values inclusivity, safety of ourselves and our colleagues, and basic decency. Whereas we value open minds and discussion on most issues, we do not tolerate racism, sexism, homophobia, anti-Indigenous, or similar attitudes.

To apply, please email send an email to Kyle Artelle at kaartell@esf.edu by **December 15 2023**, including:

- In the title please include “Interest in 2024 graduate student position” and the specific project you are interested in (For example “Interest in 2024 graduate student position: wolves”)
- Attach a copy of your CV, highlighting any relevant work experience
- A brief (1 paragraph) description of why you are particularly interested in this opportunity