ABOUT TVWA:
Established in 2006, the Tanana Valley Watershed Association (TVWA) promotes and improves the health of the Tanana Valley through education, restoration, collaborative research, and diverse community involvement. We work with residents, local government and agencies to develop stream enhancement plans that will improve the recreational value of our waterways, while maintaining or improving the fish and wildlife habitat values for future generations. TVWA’s services have included both research and restoration projects. TVWA Board and staff have worked to provide information on the condition of the watershed by compiling existing information and filling knowledge gaps. We also worked to promote measures that will maintain and enhance the quality and beauty of the watershed by creating educational programs to: promote greater appreciation, understanding and awareness; promote sustainable ecological practices, and advocate proactively on issues impacting the watershed.

INTERNSHIP PROGRAM OVERVIEW:
TVWA is seeking one college student to work as an intern directly with the Field Technician and other staff. This is a great opportunity to see how a watershed association operates, while observing the interaction and decision-making among community agencies, partners, and businesses.

HOURS:
The term of this position runs the 12 weeks of the summer semester. Hours are flexible based on the intern’s schedule. Approximately 27 hours per week, no more or less than 320 hours total. Some work can be done electronically off-site.

RESPONSIBILITIES:
The intern will work closely with the Field Technician and other staff on research and Chinook salmon sampling.

Responsibilities include:
1. Compile water quality data from several years to create graphs for outreach / education and reports.
2. Compile fish data from several years to create graphs for outreach / education and reports.
3. Travel to semi remote locations.
4. Develop investigation plan with TVWA to satisfactorily measure water quality parameters (dissolved oxygen, turbidity, pH, conductivity and temperature), document barriers to fish passage, and document anadromous fish per ADF&G requirements.
5. Conduct water quality testing. Sample and document the presence of anadromous fish (Chinook, chum, coho, etc.) and habitat parameters of sampled water bodies. Compile and maintain data for reports. Conduct inventory and monitoring effort that adhere to ADF&G requirements and the Service’s investigation plan.
6. Nominate qualifying waters for protection under the Anadromous Fish Act. Using the ADF&G Anadromous Waters Catalog Nomination Guidelines. Review guidelines and investigation plan with appropriate TVWA members and ADF&G local biologist.
7. Submit complete nomination packages to TVWA and ADF&G.

DESIRED SKILLS & QUALIFICATIONS:
1. Some knowledge and experience in committee work and project coordination
2. PC Computer experience to include Microsoft office applications Word, Excel, and Outlook.
3. Ability to speak clearly and concisely, understand and follow oral and written instructions.
4. Reliable personal transportation to facilitate work away from the usual place of business.
COLLEGE CREDIT:
This internship position offers the opportunity to obtain 1 college credit in FISH 490 for Fisheries Science majors at the University of Alaska Fairbanks.

INTERNSHIP SUPERVISOR:

Jenna Jonas
TVWA Science Director
(907) 374-8890
tvwatershed@gmail.com