

The DeVlieg Foundation

The mission of the DeVlieg Foundation is to aid and promote educational programs and experiences throughout the United States. Primary areas of focus are engineering, wildlife research, and natural resource conservation, especially those that encourage respect and stewardship of the earth. Assistance is accomplished via grants to colleges, universities, schools, and other non-profit entities that provide opportunities for all students.



DeVlieg Foundation president Janet Pope, in the field with 2011 DeVlieg undergraduate scholar Andy Osler

The DeVlieg Foundation sponsors “inquiry-based” graduate and undergraduate learning programs at Taylor Wilderness Research Station. Each student develops a scientific research proposal, conducts research in the wilderness, writes a research report on the project and presents results at a professional meeting. Topics may be selected by students or be part of a larger research project. Students are assisted by a faculty advisor and field station managers to develop the study plan, collect field data, and report on research.

Ryan Blackadar

DeVlieg Taylor Graduate
Research Assistantship
2010-2012

Professor: Dr. Colden Baxter

“The Price of Ice: Ecological
consequences of changing ice
regimes for linked aquatic-terrestrial
food webs”

Idaho State University
Masters Thesis





Kim Apperson & Tim Copeland

Idaho Dept. of Fish and Game

Regional Fisheries Manager & State Fish Research Biologist

Research focus

- Idaho steelhead monitoring and evaluation study: population dynamics and life history characteristics of steelhead trout and Chinook salmon in Big Creek, an indicator watershed
- Reconstruct the steelhead and Chinook egg-to-juvenile-to-adult life cycle to estimate numbers of juveniles migrating downstream and migration survival rates, and describe the genetic structure of steelhead in Big Creek

Research equipment installed 2007: Rotary juvenile screw trap worked daily to capture, PIT tag, and collect data on juvenile anadromous fish

2009 fisheries technicians: Kiira Siitari, Laurie Janssen, Dave Rhinehart, Shelley Garriott

2007 to present



Liza Mitchell

**DeVlieg Taylor Graduate
Research Assistantship
2012-2013**

**Professors: Dr. Brian Kennedy,
Dr. Alex Fremier**

**“The effects of salmon spawning activity
on the spatial and temporal variability
of nitrogen, carbon and sulfur isotopes
in aquatic biota in a wilderness water-
shed “**

**University of Idaho
Masters Thesis, Water Resources**

Emily Davis

**National Science Foundation
Graduate Research Fellowship
2012-2013**

**Professors: Dr. Daniel Schindler,
Dr. Colden Baxter**

**“Wildfire impacts on stream food
webs: Disturbance, stream metabolism
and trophic dynamics across
the riverscape”**

**University of Washington,
Idaho State University
Masters Thesis, Aquatic and
Fishery Sciences**





Wayne Minshall

**Idaho State University, Dept. of Biological Sciences
Emeritus Professor**

Research focus:

- The river continuum and stream species richness
- Monitoring wilderness stream ecosystems. 20-year monitoring dataset
- Fire effects on wilderness stream benthic macroinvertebrate communities

Graduate students: Jeffery Davis, Christopher Robinson

1988 - present