



## RECENT UAF COLLABORATIONS

### **Yukon River Chinook Salmon Study (Summer 2009): \$10.50 / Hour**

- **Project Description:** Professor Lara Dehn worked with an enthusiastic undergraduate student with an interest in Fisheries and Fisheries Management. The opportunity includes participation in ADF&G's testing of fishery and sonar operations, subsistence sampling, boating, and sampling of commercial catches. The successful applicant did Chinook salmon sampling for age, genetics, Ichthyophonus, fecundity, sea lice, and stress hormones in order to determine the reason for continued poor returns of Yukon River Chinook Salmon.
- **Minimum Qualifications:** Position location in Emmonak and Eagle, June 1 - 15 (Emmonak) and July 16 - August 15th (Eagle). Wage is hourly plus overtime, including travel, lodging, and food.

### **Lab Assistant - Marine Invertebrates (Spring 2010): \$10.00 / Hour**

- **Project Description:** The affects of disturbance in the marine environment can often be observed in changes in the distribution of organisms that live in the sediments because many of these animals are very sensitive to changes in the sediment environment. Thus, investigations of disturbance in the marine environment and environmental monitoring programs often rely on evaluating changes in the numbers of sediment-dwelling organisms. Current research into the effects of stress on Alaskan marine invertebrates includes a long-term monitoring program in Port Valdez, evaluation of recovering invertebrate communities in the Aleutian Islands, and baseline studies in the Chukchi Sea.
- **Minimum Qualifications:** Responsibilities include sorting preserved sediment samples to remove invertebrates, weighing samples, assisting with lab clean-up, and other miscellaneous duties. Summer fieldwork may also be available.

### **Student Technician (Fall 2010 - Spring 2011): \$9.50 / Hour**

- **Project Description:** The School of Fisheries is seeking motivated undergraduate students interested in conducting or participating in Fisheries and/or Marine Science research, while earning college credit and an hourly wage. With support from the Pollock Conservation Cooperative Research Center (PCCRC), SFOS will provide stipends to successful applicants on a semester-by-semester basis with a chance for 1 renewal within the same project. Students may reapply for separate projects.
- **Minimum Qualifications:** The student must be a UAF Fisheries undergraduate student with a GPA of at least 2.5. The proposed work must be marine science or fisheries focused within SFOS. Student Technicians will be required to write a mid- and final-semester progress report to the Experiential Learning Coordinator, and disseminate the details of their experience and research results at the annual undergraduate research and experiential learning symposium.

For more information, contact:

Christie VanLaningham, Experiential Learning Coordinator  
cavanlaningham@sfos.uaf.edu - or - internships@sfos.uaf.edu  
(907) 474-5801

# Tap your Resources! Here are just a few...

SFOS Faculty are eager to work with you



## Arny Blanchard

Research Assistant Professor  
*Environmental Statistics • Benthic Ecology • Invertebrate Taxonomy*



## Amanda Rosenberger

Assistant Professor  
*Fish Habitat Modeling • Threatened and Endangered Fish • Stream Fish Sampling • Effects of Wildfire/Drought on Fish*



## Milo Adkinson

Associate Professor  
*Salmon Biology & Management • Quantitative Techniques • Modeling & Bayesian Methods*



## Andrew Seitz

Assistant Professor  
*Fish Dispersal and Population Structure • Individual Fish Behavior • Large Marine Fishes • Electronic Tagging*



## Courtney Carothers

Assistant Professor  
*Environmental Anthropology • Political Ecology • Marine Policy • Fishing Communities*



## Trent Sutton

Associate Professor  
*Recruitment Dynamics of Fishes • Fish Habitat and Assessment • Population Biology & Ecology of Fishes*



## Lara Dehn

Assistant Professor  
*Mammal Ecology • Feeding Ecology • Marine Invertebrates*



## Ginny Eckert

Associate Professor  
*Aquaculture • Fisheries Ecology • Fisheries Oceanography • Marine Biology & Invertebrates*



## Brenda Konar

Associate Professor  
*Phycology • Research Scuba Diving • Biodiversity • Monitoring Programs • Nearshore Ecology • Ecosystem Change • Benthic Ecology*



## Andres Lopez

Assistant Professor  
*Fish Taxonomy and Phylogenetics • Molecular Phylogenetics and Evolution • Phylogeography and Population Genetics of Fishes*



## Brenda Norcross

Professor  
*Fisheries Oceanography • Fisheries Ecology • Fish Habitats • Early Life History of Marine Fish*

## SFOS Divisions

- **Institute of Marine science** conducts marine science studies in the world's oceans, with special emphasis on arctic and Pacific subarctic waters.
- **Fishery industrial technology Center:** Our Kodiak faculty work to increase the value of the Alaska fishing industry through academic and research programs in sustainable harvesting and seafood technology
- **Fisheries division:** Our fisheries faculty study how to develop and maintain sustainable fisheries programs in Alaska and global waters.
- **AK Sea Grant/Marine Advisory Program** funds marine research, provides education and advisory services and distributes information about Alaska's seas and coasts.
- **Global undersea Research** faculty and graduate students emphasize seafloor research in marine biology and geology. GURU provides access to undersea technologies and operates NOAA's Kasitsna Bay Laboratory near Seldovia.
- **Seward Marine Center:** provides access to saltwater labs and the coastal environment with excellent laboratories, constant temperature chambers and a running seawater system.