

# Alaska Cooperative Fish and Wildlife Research Unit

## • Annual Research Review •

Wednesday, March 25, 2015

109 Butrovich, Regents' Boardroom

### Talks (AM)

- 8:20 Opening remarks by Brad Griffith, Unit Leader
- 8:30 Kevin Fraley: Seasonal movements and habitat use of rainbow trout (*Oncorhynchus mykiss*) in the Susitna River Basin, southcentral Alaska
- 8:50 Kristin Rine: Patterns of energy flow in juvenile salmon food webs within a large, glacial Alaskan river
- 9:10 Sarah Laske: Influence of local and regional connectivity on Arctic fish species richness and assemblage composition
- 9:30 Vijay Patil: Plant biodiversity as a mediator of disturbance effects on carbon storage in boreal Alaskan lakes

### 9:50–10:20 Break

- 10:20 Adam Dubour: Inferring dietary variation of Lesser Scaup ducklings using stable isotope mixing models
- 10:40 Brian Robinson: Are prey remains accurate indicators of chick diet? Implications for long-term monitoring of Black Oystercatchers
- 11:00 Chris Harwood: Nest-site selection of Whimbrels in interior Alaska
- 11:20 Kelly Overduijn: Nest-site selection by American and Pacific Golden-Plovers
- 11:40 Erin Julianus: Moose (*Alces alces*) browse availability and use in response to post-fire succession on Kanuti National Wildlife Refuge

### 12:20 Lunch and Poster Session

#### Posters

- Dana Brown: Influence of fire on permafrost in lowland forests of the Tanana Flats, Interior Alaska
- Brock Huntsman: Density-dependent and -independent mechanisms influencing Chinook salmon population dynamics within the Chena River basin
- Phil Joy: Marine derived nutrients and salmon productivity: Chinook and coho salmon reap the benefits of pink and chum salmon runs
- Allison Martin: Habitat potential for juvenile Chinook salmon (*Oncorhynchus tshawytscha*) in the Chena River basin, Alaska
- Dan Rizzolo: How much does it cost to grow a red-throated loon?

### 1:30 Cooperators' Business Meeting