

Alaska Cooperative Fish and Wildlife Research Unit
Annual Research Review
Wednesday, 27 March 2013

Regents' Boardroom, 109 Butrovich Building, UAF

Talks (AM)

- 8:40 Opening remarks by Brad Griffith, Unit Leader
- 8:50 Sophie Gilbert: Population dynamics of a forest ungulate respond to winter severity and timber harvest
- 9:10 Roy Churchwell: Food resources for post-breeding shorebirds at river deltas along the Beaufort Sea coast
- 9:30 Lila Tauzer: Ecosystem change at Creamer's Refuge, Fairbanks, Alaska

9:50–10:30 Break

- 10:30 H el ene Genet: Modeling the effects of fire severity on boreal forest ecosystems in Interior Alaska
- 10:50 Ken Tape: Coastal erosion, inundation, and ecological change in Arctic Alaska
- 11:10 Jason McFarland: Food web interactions in small tundra streams on the Arctic Coastal Plain, Alaska
- 11:30 Jeff Falke: Stream network models for water temperature, flow, and physical habitat: overview and applications for fisheries conservation and management

12:00 Lunch and Poster Session

Posters

- Vijay Patil: Interaction between lakes and terrestrial ecosystem dynamics in the Yukon River Floodplain, in interior Alaska, USA
- Kurt Heim: Seasonal movement patterns of Arctic grayling (*Thymallus arcticus*) in a small beaded stream on the Arctic Coastal Plain, Alaska
- Lindsay VanSomeren: An in vitro method for monitoring digestibility of forages for caribou
- Tyler Lewis: Do forest fires affect the abundance and productivity of boreal waterbirds?
- Stephanie Meggers: Factors influencing Chinook salmon spawning distribution in the Togiak River, Alaska
- Jennifer Roach: Heterogeneity in Alaskan lake area trends: mechanisms and biodiversity implications

1:30 Cooperators' Business Meeting