

Alaska Cooperative Fish and Wildlife Research Unit

Annual Research Review—Wednesday, March 29, 2006

Regents' Boardroom, 109 Butrovich Building, University of Alaska Fairbanks

8:30 am—**Opening Remarks** by Joe Margraf, Unit Leader

Talks

- 8:40 Kate Martin: Hen Survival and Breeding Ecology of Waterfowl on Yukon Flats National Wildlife Refuge
- 9:00 Brandt W. Meixell: Population Dynamics of Tundra Swans Breeding on the Lower Alaska Peninsula
- 9:20 Heather M. Wilson: Lead and Selenium in Pacific Common Eiders: Spatio-temporal Variability and Demographic Implications
- 9:40 Steffen Oppel: Migration Strategies and Winter Movements of King Eiders in the Bering Sea
- 10:00 Audrey Taylor: Should I Stay or Should I Go Now? Physiology and Behavior of Staging Shorebirds on Alaska's North Slope
- 10:20 Coffee Break
- 10:40 Cassie Mellon: Effects of Intense Wildfire on Foodweb Subsidies in Headwater Streams
- 11:00 Kathy Smikrud: A Remote-Sensing-Based Approach to Estimating Chinook Salmon Rearing Habitat
- 11:20 Mike Balshi: The Role of Fire Disturbance in the Response of Historical Carbon Dynamics in the Boreal Forest
- 11:40 Colin M. Beier: Climatic Factors in the Widespread Decline of Yellow Cedar in the Mixed-Conifer Temperate Rainforests of Southeastern Alaska

Noon – Lunch and Poster Session

Posters

- Christopher A. Binckley, Mark S. Wipfli, Joshua Y. Kill, Robert B. Medhurst, and Karl Polivka: Spatial Subsidies from Headwater Streams to Fish-Bearing Habitats across Climatic and Disturbance Gradients in the North Cascade Mountains
- Jeremy Carlson and F. Joseph Margraf: Assessment of Fish Condition in Two Arctic Lagoons Using Bioelectrical Impedance Analysis, Kaktovik, Alaska
- Sam Decker, F. Joseph Margraf, Matt Evenson, and Nick Hughes: Linking Chinook Salmon Spawner Density with Habitat Boundaries
- Dave Gregovich, Mark Wipfli, and Brian Frenette: Influence of Landscape Factors on the Presence of Threespine Stickleback in Small Lakes of Southeast Alaska
- Christopher J. Latty, Tuula E. Hollmen, Margaret R. Petersen, Abby N. Powell, and Russel D. Andrews: Effects of Implanted Satellite Transmitters on Captive Common Eiders Foraging at a Depth of 4.5 M
- Aaron E. Martin, Mark S. Wipfli, and Rob Spangler: Freshwater Community Development in Response to Nutrient Supplementation within Newly Created Fish Habitat, Kenai, Alaska

- R. Bruce Medhurst, Mark S. Wipfli, Christopher A. Binckley, Joshua Y. Kill, and Karl Polivka: Headwater Invertebrate Communities across a Gradient of Logging Disturbance in Wet and Dry Ecoregions of the Wenatchee River Subbasin, Washington
- Susan Oehlers, Falk Huettmann, R. Terry Bowyer, Dave Person, Wini Kessler, and Neil Barten: Population Status and Habitat Use in a Southeast Alaska Moose Population
- Joshua M. Peirce, Mark S. Wipfli, Erich H. Follmann, Edward O. Otis, and Joe Meehan: Relationships between Brown Bears and Chum Salmon at McNeil River, Alaska
- Daniel J. Rinella, Mark S. Wipfli, Coowe Walker, Craig Stricker, and Ron Heintz: Tracking the Presence and Effects of Marine-Derived Nutrients in Southcentral Alaska Watersheds
- Theresa L. Tanner and F. Joseph Margraf: Geomorphology and Selection of Spawning Habitat by Inconnu: A Heuristic Model

1:30 pm – Cooperators' Business Meeting