2004 Alaska Unit Research Review
109 Butrovich Building, Regents' Conference Room
University of Alaska Fairbanks, West Ridge
Wednesday, February 25

Talks

8:30  Introduction

8:40-9:00  Anthony Eskelin,* F. J. Margraf, and J. Hasbrouck—Relative precision of trap efficiency experiments in estimating salmon smolt abundance in small streams

9:00-9:20  Jason Valliere and F. J. Margraf—Movements, vertical distribution, and temperature selectivity of lake trout in Lower Ugashik Lake

9:20-9:40  Deena Jallen and F. J. Margraf—Developing a method for quantification of chinook salmon spawning habitat

9:40-10:00  John P. O'Brien and F. J. Margraf—Understanding the link between river features and habitat for spawning chum salmon

10:00-10:20  Jenny Neyme Polloczek, F. J. Margraf, and N. F. Hughes—Environmental processes affecting population dynamics and life history traits of Arctic grayling populations

10:20-10:40  Break

10:40-11:00  Brian Riordan, D. L. Verbyla, and A. D. McGuire—The use of remote sensing to examine changes in water levels associated with climate warming in Alaska

11:00-11:20  J. Brooke Gamble, E. C. Murphy, K. M. O'Reilly, and C. L. Buck—Effects of reproductive stage on adrenal responsiveness of glaucous-winged gulls in Chiniak Bay, Kodiak Island, Alaska


* Boldface indicates Presenter

12:30-2:00  Posters (students will stand by their posters) and Buffet Lunch


Michael Balshi, A. D. McGuire, T. S. Rupp, D. L. Verbyla, and F. S. Chapin III—Modeling the role of wildfire in the global carbon cycle

Colin Beier, G. P. Juday, P. E. Hennon, D. D'Amore, A. D. McGuire, and F. S. Chapin III—Dendroclimatology of declining yellow cedar forests in southeast Alaska

Rachel Jones and B. Griffith—Assessing temporal changes in habitat selection by caribou

Bryce Lake, M. S. Lindberg, J. A. Schmutz, R. M. Anthony, and F. J. Broerma—Spatial and temporal variation in body mass of juvenile emperor geese: The influence of landscape-level processes

Julie Morse, A. N. Powell, and M. Tetreau—Assessing the effect of recreational disturbance on productivity of black oystercatchers in Kenai Fjords National Park

Isla Myers-Smith, A. D. McGuire, F. S. Chapin III, and J. W. Harden—Carbon exchange along a soil moisture gradient after fire
Lincoln Parrett, B. Griffith, G. Carroll, C. George, and R. Suydam—Calving and post-calving habitat selection by the Teshekpuk caribou herd

Miranda Plumb and F. J. Margraf—Fish community structure of resident salmonids in Upper and Lower Ugashik Lakes of the Alaska Peninsula.


David Safine, M. Lindberg, M. Bertram, and M. Vivion—Breeding ecology of white-winged scoters on the Yukon Flats

Miranda Terwilliger and B. Griffith—Assessing habitat quality for Dall's sheep in Wrangell-St. Elias National Park and Preserve, Alaska


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2:30-4:30 Cooperators' Business Meeting