

# 2014 Alaska Bird Conference Schedule

## Registration – Centennial Hall Lobby

(All day Tuesday, Wednesday, Thursday until noon)

## Tuesday, December 9 (Pre-conference meetings)

- 8:30-11:30 Alaska Shorebird Group Meeting (Centennial Hall - Egan Room)
- 1:30-5:15 Boreal Partners in Flight with Alaska Raptor Group (Agenda, page 8) - (Centennial Hall - Egan Room)
- 6:30-8:30 **WELCOME RECEPTION** (Baranof Hotel - Gastineau Room)

## Wednesday, December 10

- 7:45-8:30 Continental Breakfast (Centennial Hall Lobby)
- 8:30-8:45 **WELCOME AND ANNOUNCEMENTS** (Centennial Hall Ballroom)

### Climate Change (Chair: Audrey Taylor)

- 8:45-9:00 *No Additional Potential for Adaptation to Climate Change? A Hypothesis Worth Testing for Arctic Ecosystems* (**John Pearce**)
- 9:00-9:15 *Test of Ecological Mismatches in an Arctic Network* (\***Eunbi Kwon**, David Lank, Richard Lanctot, Stephen Brown, and Brett Sandercock)
- 9:15-9:30 *Local (*S. Yukon*) and Distribution-Wide Investigation into Declines of Two Aerial Insectivores; Olive-sided Flycatcher (*Contopus cooperi*) and Western Wood-Pewee (*C. sordidulus*), Utilizing both Habitat and Climate Covariates* (\***Tara Stehelin** and Fiona Schmiegelow)
- 9:30-9:45 *Long-Term Changes in Boreal Habitats of the Yukon Flats: Does it Matter for Waterbirds?* (\***Tyler Lewis**, Mark Lindberg, and Joel Schmutz)
- 9:45-10:00 *Increasing Variability of Ecological Response by Beringian Endemic Seabirds to Rapid Environmental Change* (\***McKenna Hanson**, Veronica Padula, Naomi Bargmann, and Douglas Causey)
- 10:00-10:30 **BREAK** (snacks in lobby)

### Breeding Ecology (Chair: Abby Powell)

- 10:30-10:45 *The Spatial Pattern of Nest Site Selection: Do Hudsonian Godwits Nest in Risky Areas?* (\***Rose Swift**, Nathan Senner, and Amanda Rodewald)
- 10:45-11:00 *Nesting Whimbrels: Rush to Flush* (\***Christopher Harwood** and Abby Powell)
- 11:00-11:15 *Nest-Site Selection by American and Pacific Golden-Plovers* (\***Kelly Overduijn**, Colleen Handel, and Abby Powell)
- 11:15-11:30 *Long-term Variation in Timing of Arrival of Shorebirds to the Yukon-Kuskokwim Delta, Alaska* (**Craig Ely**, Brian McCaffery, and Robert Gill)

- 11:30-11:45 *Effects of Bill Deformities on Parental Care in Black-capped Chickadees* (**Rachel Richardson** and Colleen Handel)
- 11:45-12:00 *Reproductive Success of Smith's Longspurs in Alaska's Brooks Range* (\***Heather Craig**, Steve Kendall, and Abby Powell)
- 12:00-1:30 **LUNCH** (on your own)

Disease/Contaminants (Chair: Debbie Nigro)

- 1:30-1:45 *Molecular Assessment of Leucocytozoon Infections in Alaskan Waterfowl* (\***Matthew Smith**, Joel Schmutz, Chloe Apelgren, and Andrew Ramey)
- 1:45-2:00 *Genetic Diversity and Host Specificity Varies Across Three Genera of Blood Parasites in Ducks of the Pacific Americas Flyway* (Andrew Reeves, \***Matthew Smith**, Brandt Meixell, Joseph Fleskes, and Andrew Ramey)
- 2:00-2:15 *Characteristics and Fitness Consequences of Blood Parasite and Avian Influenza Infections and Co-Infections in Alaskan Waterfowl* (**Brandt Meixell**, Andrew Ramey, Matthew Smith, Todd Arnold, Mark Lindberg, and Jonathan Runstadler)
- 2:15-2:30 *The Impacts of Plastic Marine Debris on Seabirds from the Western Aleutian Islands: Detection of Phthalates in Muscle and Embryonic Tissues* (\***Veronica Padula**, Sydney Stewart, and Douglas Causey)
- 2:30-3:00 *TBA*
- 3:00-3:30 **BREAK** (snacks in lobby)

Foraging Ecology (Chair: Debbie Nigro)

- 3:30-3:45 *The Delta Diner: Assessing Eastern Beaufort Sea Deltas as Fall Stopover Sites for Semipalmated Sandpipers* (\***Roy Churchwell**, Abby Powell, Steve Kendall, and Stephen Brown)
- 3:45-4:00 *Environmental and Ecophysiological Constraints on the Winter Distribution of Rock Sandpipers in Upper Cook Inlet, Alaska* (**Daniel Ruthrauff**, Anne Dekinga, Robert Gill, and Theunis Piersma)
- 4:00-4:15 *Experimental Evidence that Ptarmigan Regulate Willow Bud Production to their own Advantage* (\***Katie Christie** and Roger Ruess)
- 4:15-4:30 *Are Prey Remains Accurate Indicators of Chick Diet? Implications for Long-term Monitoring of Black Oystercatchers* (\***Brian Robinson**, Abby Powell, Laura Phillips, and Heather Coletti)
- 4:30-4:45 *Postnatal Growth and Energetics of Red-throated Loons* (**Daniel Rizzolo**, Joel Schmutz, and John Speakman)
- 4:45-5:00 *Fish Flying in the Forest: The Influence of Salmon on Songbirds* (\***Marlene Wagner** and John Reynolds)
- 5:00-8:00 **POSTER SESSION** (Centennial Hall - Ballroom 1)

## Thursday, December 11

7:45-8:30 **Continental Breakfast** (Centennial Hall Lobby)

8:30-8:45 **WELCOME AND ANNOUNCEMENTS** (Centennial Hall Ballroom)

### Movement Ecology (Chair: Abby Powell)

8:45-9:00 *Migratory Connectivity of Buff-breasted Sandpipers* (**Richard Lanctot**, Joaquin Aldabe, Juliana Bosi de Almeida, Gabriel Castresana, Stephen Brown, Sarah Saalfeld, and Stephen Yezerinac)

9:00-9:15 *Determining Migratory Connectivity for Semipalmated Sandpipers* (**Stephen Brown**, David Mizrahi, Megan Boldenow, Rebecca Bentzen, Marie-Andrée Giroux, Eunbi Kwon, David Lank, Nicolas Lecomte, Joe Liebezeit, Vanessa Loverti, Ron Porter, Jennie Rausch, Brett Sandercock, Paul Smith, Emily Weiser, Stephen Yezerinac, and Richard Lanctot)

9:15-9:30 *Revealing the Migratory Path and Wintering Area of Olive-sided Flycatchers: First Results for Alaska* (**Julie Hagelin**, James Johnson, Steven Matsuoka, Lucas DeCicco, and Nicholas Hajdukovich)

9:30-9:45 *Annual Movement Patterns of Bald Eagles in Southeast Alaska* (**\*Rachel Wheat** and Stephen Lewis)

9:45-10:00 *Aleutian Tern Interseasonal Movements and Non-Breeding Locations* (**Michael Goldstein**, Sanjay Pyare, David Duffy, Susan Oehlers, Nathaniel Catterson, and Jeffrey Frederick)

10:00-10:30 **BREAK** (snacks in lobby)

### Populations and Distribution (Chair: Stephen Lewis)

10:30-10:45 *Hierarchical Analysis of Breeding Bird Survey Data from Roadside and Remote Areas to Estimate Population Trends in Alaska* (**Colleen Handel**, Courtney Amundson, John Sauer, and Steven Matsuoka)

10:45-11:00 *How Much Effort Is Enough? A Power Analysis of the Alaska Landbird Monitoring Survey* (**Courtney Amundson** and Colleen Handel)

11:00-11:15 *Striking Gold in the Eastern Alaska Range: Results of Recent Prospecting Trips* (**Carol McIntyre**, Stephen Lewis, and Ray Hander)

11:15-11:30 *The New Gold Rush: Golden Eagles Studies* (**Stephen Lewis** and Carol McIntyre)

11:30-11:45 *A Review: The History and Effects of Barred Owl (*Strix varia*) Range Expansion* (**Samantha Wilson**)

11:45-12:00 *Occupancy of Nocturnal Owls in Cordova, Alaska* (Jillian Jablonski and **Melissa Gabrielson**)

12:00-1:30 **LUNCH** (on your own)

### Populations and Distribution (Chair: Stephen Lewis)

1:30-1:45 *Peregrine Falcons of the Lost Coast: Clarifying Subspecies along the Northern Gulf of Alaska* (**Stephen Lewis** and Michelle Kissling)

1:45-2:00 *Bald Eagle, Osprey, and Other Raptor Stick Nest Surveys on Koyukuk/Nowitna NWR, Northwest Interior Alaska, 2008-2014* (**Brad Scotton**, Jenny Bryant, and Aimee Rockhill)

- 2:00-2:15 *Eagles and Moose and Bears ... Oh My: Monitoring and Mitigating Potential Impacts of Highways on Bald Eagles, Chilkat River, Alaska* (**John Shook**, Robert Ritchie, Alex Prichard, and Sally Anderson)
- 2:15-2:30 *Habitat Use and Population Status of Yellow-billed and Pacific Loons in Western Alaska* (Joshua Schmidt, **Melanie Flamme**, and Johann Walker)
- 2:30-2:45 *Habitat Associations of the Seabird Community in the Northeastern Chukchi Sea* (**Adrian Gall**, Tawna Morgan, and Robert Day)
- 2:45-3:15 **BREAK** (snacks in lobby)

Conservation (Chair: John Pearce)

- 3:15-3:30 *Subsistence Harvest of Sea Ducks in Alaska* (**Liliana Naves**)
- 3:30-3:45 *Subsistence Bird Harvest on Saint Lawrence Island, Alaska: Addressing Yellow-billed Loon Conservation Concern* (**Liliana Naves** and Tamara Zeller)
- 3:45-4:00 *Mapping Important Areas for Seabirds: How to Draw the Boundary Line* (**Melanie Smith** and Nathan Walker)
- 4:00-4:15 *Identifying Important Bird Areas for Waterfowl in Interior and Coastal Alaska Using Aerial Survey Data* (**Nathan Walker** and Melanie Smith)
- 4:15-4:30 *Evaluating and Developing Criteria for Human-use Closures to Protect Ground-nesting Marine Birds* (**Tania Lewis**, Lisa Etherington, and Christopher Behnke)
- 4:30-4:45 *Drivers of Adult Survival in Arctic-breeding Shorebirds: Insights from Coordinated Research* (**Emily Weiser**, Brett Sandercock, Stephen Brown, Richard Lanctot, and the Arctic Shorebird Demographics Network)
- 4:45-5:00 *A Waterbird Crisis of Global Proportions: The Filling in of the Yellow Sea and Implications for Alaskan Birds* (**Nils Warnock**)
- 5:30-6:30 **Reception**, no-host bar and appetizers (Centennial Hall - Ballroom 1)
- 6:30-8:00 **Banquet** (Centennial Hall - Ballroom 1)
- 8:00-9:00 **Keynote speaker**, Gerrit Vyn on “Capturing the Lives of Beringian Birds” (Centennial Hall - Ballroom 2)
- 9:00-10:00 **Bird Jeopardy** (Centennial Hall - Ballroom 1)

\*Denotes student presenter.

**Bold** name denotes presenter.

## Poster Session

Wednesday, December 10

5-8 pm (no-host bar and hors d'oeuvres), Centennial Hall, Ballroom 1

| #  | AUTHORS  | POSTER TITLE  |
|----|--|---|
| 1  | <b>Melanie Smith</b> and Nathan Walker   | <i>A New Map of Important Bird Areas in Alaska</i>  |
| 2  | <b>Deborah Rudis</b> and Gray Pendleton  | <i>Twenty-five Years of Juneau's Breeding Bird Survey Results</i>   |
| 3  | <b>Anna Anderson</b> , Bob Platte, Heather Wilson, and Julian Fischer  | <i>Continually Counting: An Overview of Alaska's Aerial Waterfowl Survey Program</i>  |
| 4  | <b>Audrey Taylor</b> , Jeremy Mizel, and Stacia Backensto  | <i>Aerial Inventory of Staging Shorebirds on the Bering Land Bridge National Preserve Coastline</i>   |
| 5  | <b>Courtney Amundson</b> , Caroline Van Hemert, and Colleen Handel   | <i>Abundance, Population Trends and Habitat Associations of Birds in Tongass National Forest, Alaska</i>  |
| 6  | * <b>Graham Frye</b> , Mark Lindberg, and Richard Merizon  | <i>Temporal Variation in Willow Ptarmigan Detectability: Implications for Research and Management</i>   |
| 7  | <b>Audrey Taylor</b> , Mary Anne Bishop, and Kristine Sowl   | <i>Black Turnstone: Evidence for a Population Decline or Shifting Migration Patterns?</i>   |
| 8  | Timothy Bowman and <b>John Hodges</b>  | <i>Training Tools for Aerial Observers</i>  |
| 9  | * <b>Sarah Tanedo</b> and Tuula Hollmén  | <i>Refining Remote Observation: Techniques of Monitoring Black-legged Kittiwakes (<i>Rissa tridactyla</i>) in Resurrection Bay in the Northern Gulf of Alaska</i> |
| 10 | <b>Emily Weiser</b> , Brett Sandercock, Rebecca Bentzen, Joël Bêty, Megan Boldenow, Stephen Brown, Bruce Casler, Willow English, River Gates, Marie-Andrée Giroux, Eunbi Kwon, David Lank, Joe Liebezeit, Jean-Francois Lamarre, Richard Lanctot, Nicolas Lecomte, Vanessa Loverti, Laura McKinnon, David Mizrahi, Erica Nol, Ron Porter, Jennie Rausch, Paul Smith, and Stephen Yezerinac | <i>Effects of Geolocators on Return Rates in Arctic-breeding Shorebirds</i>   |
| 11 | <b>Sadie Ulman</b> , Tuula Hollmén, January Frost, Manfred Enstipp, Russel Andrews, Charles Frost, and Pamela Tuomi  | <i>Testing a New Tape-based External Transmitter Attachment Technique for Sea Ducks Using Captive Long-tailed Ducks During Winter</i>                             |
| 12 | <b>Christopher Barger</b> , Travis Booms, Stephen Lewis, and Carol McIntyre  | <i>A Preliminary Analysis of Golden Eagle Movements in Alaska</i>   |
| 13 | * <b>Joseph Eisaguirre</b> , Travis Booms, Philip Schempf, and Stephen Lewis   | <i>Gyrfalcon Home Ranges and Movements on the Yukon-Kuskokwim Delta, Alaska</i>   |
| 14 | * <b>Adam DuBour</b> , Kirsty Gurney, and Mark Lindberg  | <i>Inferring Dietary Specialization of Lesser Scaup Ducklings Using Bayesian Stable Isotope Mixing Models</i>   |
| 15 | * <b>Joseph Eisaguirre</b> , Travis Booms, and Brian Linkhart  | <i>Diet of Golden Eagles on the Seward Peninsula, Alaska: Preliminary Findings</i>  |
| 16 | * <b>Timothy Spivey</b> , Mark Lindberg, Brandt Meixell, Johnathan Runstadler, David Stallknecht, and Andrew Ramey   | <i>Assessment of Temporal Variation in the Influenza A Virus Dynamics of High-Latitude Wintering Mallards (<i>Anas platyrhynchos</i>)</i>                         |
| 17 | Michelle Kissling and <b>Stephen Lewis</b>   | <i>Nesting Activity of Kittlitz's Murrelets in Northwestern Alaska</i>  |
| 18 | <b>Krista Roessingh</b> and Ruth Joy   | <i>Nesting Habitat and Diet Studies of Sandhill Cranes (<i>Grus canadensis</i>) from the Central and North Coast of British Columbia</i>                          |
| 19 | <b>Melissa Gabrielson</b>  | <i>Artificial Nest Island Program for Dusky Canada Geese on the Copper River Delta, Alaska</i>  |
| 20 | <b>Denny Zwiefelhofer</b> , John Crye, and Robin Corcoran  | <i>Kodiak Island Cooperative Barrow's Goldeneye Nest Box Project</i>  |
| 21 | * <b>Lindsay Hermanns</b> , McKenna Hanson, Audrey Taylor, and Beth Peluso   | <i>Birds 'N' Bogs: A Citizen Science Approach to Monitoring Declining Boreal Bird Species</i>   |
| 22 | <b>Stacia Backensto</b> , Melanie Flamme, Martin Robards, Ann Mayo-Kiely, Rosey Robards, and Debora Nigro  | <i>Connecting Youth to Yellow-billed Loon Conservation through Videography</i>  |

\*Denotes student presenter.

**Bold** name denotes presenter.

# Agenda for Boreal Partners in Flight and Alaska Raptor Group

9 December 2014

Juneau, AK

Where: Centennial Hall, Egan room, (101 Egan Dr. Juneau, AK)

Time: 1:30–5:15

Beverages provided.

## *Agenda topics:*

|                   |   |  |
|-------------------|---|--|
| <b>1:30–1:50</b>  | <b>Welcome, Overview &amp; Introductions</b>  | All  |
| <b>1:50–2:45</b>  | <b>Alaska Raptor Group</b> <ul style="list-style-type: none"> <li>• Overview of 2014 Activities and Elections</li> <li>• ARG Metadata Database (1:55-2:05) <ul style="list-style-type: none"> <li>○ <b>BPIF Discussion (Action Item 7):</b> Could ARG's online system be adapted to suit BPIF's annual project report? (2:05-2:15)</li> </ul> </li> <li>• Species Action Plan (STOOP!) break-out session (2:15-2:45)—all BPIF membership invited</li> </ul> | Travis Booms, ADFG<br>Chris Barger, ADFG<br><br>Steve Lewis, USFWS |
| <b>2:45–3:00</b>  | <b>Break</b>  |  |
| <b>3:00–3:15</b>  | <b>Alaska Landbird Plan v. 2.0</b>  | Colleen Handel, USGS   |
| <b>3:15–4:00</b>  | <b>State Wildlife Action Plan Revision</b> <ul style="list-style-type: none"> <li>• Overview (3:15-3:30)</li> <li>• Break-out groups by BCR (3:30-4:00)</li> </ul>  | Matt Kirchhoff, ADFG   |
| <b>4:00–4:15</b>  | <b>Break</b>  |  |
|                   | <b>Updates on 2013 BPIF Action Items</b>  |  |
| <b>4:15–4:30</b>  | <b>Aerial Insectivores (Action Items 1-3)</b> <ul style="list-style-type: none"> <li>• Citizen Science + recent swallow efforts in AK</li> <li>• Alaska Songbird Institute (ASI) update</li> </ul>  | Audrey Taylor, UAA<br>April Harding-Scurr, ASI                     |
| <b>4:30-4:40</b>  | <b>Survey and Monitoring (Action Items 4-6, 9)</b> <ul style="list-style-type: none"> <li>• ALMS Peer review &amp; Participation</li> <li>• BPIF Website</li> </ul>   | Colleen Handel USGS<br>Steve Matsuoka USFWS                        |
| <b>4:40-4:50</b>  | <b>Increasing Connections (Action 10-11)</b> <ul style="list-style-type: none"> <li>• Canada-BPIF connections</li> </ul>  | Hilary Cooke, WCS Canada   |
| <b>4:50-5:00</b>  | <b>Other BPIF business (Action 8)</b> <ul style="list-style-type: none"> <li>• BPIF Elections: BCR coordinators, 3<sup>rd</sup> Exec. committee secretary, new co-chair</li> </ul>  | All  |
| <b>5:00–5:15</b>  | Closing remarks   |  |
| <b>6:30-8:30p</b> | <b>ABC Welcome Reception</b><br>Where: Baranof Hotel, Gastineau Suite, 9 <sup>th</sup> Floor<br>Appetizers and complimentary drink for ABC participants   |  |