



WILLAMETTE VALLEY BIRD SYMPOSIUM

The Willamette Valley Bird Symposium is a day-long event that brings together professionals, students, and amateurs to celebrate birds. This comes from a recognition that the scientific understanding of birds and their conservation benefits from having shared conversations between members of these groups. All members of the symposium production team are volunteers and they collectively donate hundreds of hours of their time to make the symposium possible each year.

January 30, 2016

- 9:00-9:15 Introduction to the Willamette Valley Bird Symposium (Alumni Center Ballroom)**
Welcome from the WVBS: SEAN MURPHY, U.S. Geological Survey, Forest and Rangeland Ecosystem Science Center, Corvallis, OR
Welcome from the AOU: JIM RIVERS, Elective Councilor of AOU; College of Forestry, OSU
Welcome from OSU: BRENDA MCCOMB, Senior Vice Provost for Academic Affairs, OSU
- 9:15-10:30 Keynote lecture: Restoring seabird colonies using social attraction: the conservation legacy of Project Puffin.**
DANIEL D. ROBY, U.S Geological Survey - Oregon Cooperative Fish and Wildlife Research Unit, and Department of Fisheries and Wildlife, Oregon State University, Corvallis, OR
- 10:30-11:15 Coffee, pastries, and live bird display from Chintimini Wildlife Center (Alumni Center Lobby) - Sponsored by Perky Pet, the Audubon Society of Corvallis, and the Backyard Bird Shop**
- 11:15-12:30 Oral presentations, morning session (Alumni Center Ballroom; *student presenter)**
- **11:15 - What to expect when you're expecting: factors affecting Caspian tern nesting success in the Columbia River Estuary.** OLIVIA BAILEY*, U.S. Geological Survey, Oregon Cooperative Fish and Wildlife Research Unit, Oregon State University, Corvallis, OR; DANIEL D. ROBY, U.S. Geological Survey, Oregon Cooperative Fish and Wildlife Research Unit, Oregon State University, Corvallis, OR; DONALD E. LYONS, ALEXA R. H. PIGGOTT, TIMOTHY J. LAWES, PETER J. LOSCHL, KIRSTEN S. BIXLER, U.S. Geological Survey, Oregon Cooperative Fish and Wildlife Research Unit, Oregon State University, Corvallis, OR; and MICHAEL J. EDDY, School of Civil and Construction Engineering, Oregon State University, Corvallis, OR.

- **11:30 - Mercury risk to avian piscivores across western US and Canada.** ALLYSON JACKSON*, *Department of Fisheries and Wildlife, Oregon State University, Corvallis, OR*; COLLIN EAGLES-SMITH, *U.S. Geological Survey, Forest and Rangeland Ecosystem Science Center, Corvallis, OR*; DAVID EVERS, *Biodiversity Research Institute, Portland, ME*; JOSHUA ACKERMAN, *U.S. Geological Survey, Western Ecological Research Center, Dixon, CA*; JAMES WILLACKER, *U.S. Geological Survey, Forest and Rangeland Ecosystem Science Center, Corvallis, OR*; JESSE LEPAK, *Colorado Parks and Wildlife, Fort Collins, CO*; JOHN ELLIOTT, *Environment Canada, Delta, BC, Canada*; STACY VANDER POL, *National Institutes of Standards and Technology, Charleston, SC*; and COLLEEN BRYAN, *National Institutes of Standards and Technology, Charleston, SC*.
- **11:45 - The effects of Japanese Knotweed on riparian bird communities in Japan and Pennsylvania.** LINDA TUCKER SERNIAK*, *Department of Biological and Allied Health Sciences, Bloomsburg University of Pennsylvania, Bloomsburg, PA*; *Environmental Sciences Program, Oregon State University, Corvallis, OR*; and CLAY CORBIN, *Department of Biological and Allied Health Sciences, Bloomsburg University of Pennsylvania, Bloomsburg, PA*.
- **12:00 - Coevolution in the wren-cuckoo system: does a provisioning 'password' actually exist?** BRAELEI HARDT*, *Department of Fisheries and Wildlife, Oregon State University, Corvallis, OR*; and MICHELLE HALL, *Department of Zoology, University of Melbourne, Melbourne, Australia*.
- **12:15 – The evolution of flight.** JON PERRY, *Stated Clearly, Corvallis, OR*.

12:30-13:00 Lunch and live bird display from Chintimini Wildlife Center (*Alumni Center lobby*)

13:00-14:00 Avian research techniques (*Alumni Center Ballroom*)

14:00-15:15 Oral presentations, afternoon session (*Alumni Center Ballroom*)

- **14:00 - Large scale migration patterns of Rufous Hummingbirds.** JOSEE ROUSSEAU*, *Klamath Bird Observatory, Ashland, OR*; *Department of Forest Ecosystems and Society, Oregon State University, Corvallis, OR*; and JOHN ALEXANDER, *Klamath Bird Observatory, Ashland, OR*.
- **14:15 - Re-evaluation of the effectiveness of created snags as bird habitat after 25 years.** AMY BARRY*, *Department of Forest Ecosystems and Society, Oregon State University, Corvallis, OR*; JOAN C. HAGAR, *U.S. Geological Survey, Forest and Rangeland Ecosystem Science Center, Corvallis, OR*; and JAMES W. RIVERS, *Department of Forest Ecosystems and Society, Oregon State University, Corvallis, OR*.
- **14:30 - Habitat use and area requirements of woodpeckers in urban parks.** ADAM BAZ* and MICHAEL T. MURPHY, *Department of Biology, Portland State University, Portland, OR*.
- **14:45 - Mercury contamination in songbirds: what can feathers reveal?** COLLEEN EMERY*, *U.S. Geological Survey, Forest and Rangeland Ecosystem Science Center, Corvallis, OR*; KATIE LOW*, DANIELLE RAMSDEN*, ALLYSON JACKSON, *Department of Fisheries and Wildlife, Oregon State University, Corvallis, OR*; and COLLIN EAGLES-SMITH, *U.S. Geological Survey, Forest and Rangeland Ecosystem Science Center, Corvallis, OR*.
- **15:00 - Range-wide population genetics of the Red-cockaded Woodpecker (*Leuconotopicus borealis*) throughout the last century.** JULIA T. VILSTRUP*, MARK P. MILLER, THOMAS D. MULLINS, SUSAN M. HAIG, *U.S. Geological Survey, Forest and*

Rangeland Ecosystem Science Center, Corvallis, OR; and JEFFREY R. WALTERS, Department of Biological Sciences, Virginia Tech, Blacksburg, VA.

15:15-15:45 Afternoon coffee break (Alumni Center Lobby) - Sponsored by Perky Pet, the Audubon Society of Corvallis, and the Backyard Bird Shop

15:45-17:00 Oral presentations, afternoon session (Alumni Center Ballroom)

- **15:45 - Cackling goose (*Branta hutchinsii minima*) use of urban habitats while wintering in the Willamette Valley, Oregon.** ERIN HARRINGTON* and BRUCE D. DUGGER, *Department of Fisheries and Wildlife, Oregon State University, Corvallis, OR.*
- **16:00 - Differences in area sensitivity between wintering and breeding grassland birds.** CATHERINE A. ENGELMAN*, *Department of Fisheries and Wildlife, Oregon State University, Corvallis, OR;* and RICH M. KOSTECKE, *The Nature Conservancy, Austin, TX*
- **16:15 - Evidence for cross-seasonal effects: insights from long-term data on migratory waterfowl.** MEGAN C. ZARZYCKI* and BRUCE D. DUGGER, *Department of Fisheries and Wildlife, Oregon State University, Corvallis, OR.*
- **16:30 - Caught red-handed: Identifying causes of Snowy Plover nest failure.** ELEANOR P. GAINES*, *Institute for Natural Resources, Portland State University, Portland, OR;* and MICHAEL T. MURPHY, *Department of Biology, Portland State University, Portland, OR.*
- **16:45 - Cracking the case of disappearing birds on Barro Colorado Island, Panama.** JENNA R. CURTIS* and W. DOUGLAS ROBINSON, *Department of Fisheries and Wildlife, Oregon State University, Corvallis, OR.*

17:00 Closing remarks and adjournment



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A note about our logo

The logo for the Willamette Valley Bird Symposium consists of a single flight feather of a Northern Spotted Owl, a species native to the Pacific Northwest that is illustrative of the importance of understanding and conserving birds. The logo was created by Jon Perry, an artist and science advocate who founded the Stated Clearly (www.statedclearly.com) in 2012 to help the scientific community engage the public through animations that illustrate scientific concepts.

Many thanks to all of our great sponsors!

