

## Education and Professional Certification

Doctorate of Philosophy in Wildlife Science, Oregon State University, Corvallis. 1997. Dissertation title: *Abundance, habitat association, and foraging ecology of American dippers and other riparian-associated wildlife in the Oregon Coast Range.*

Certified Wildlife Biologist, The Wildlife Society, Bethesda, Maryland. 2001.

Master of Science in Fisheries and Wildlife Sciences, Virginia Polytechnic Institute and State University, Blacksburg. 1992. Thesis title: *Piping plover breeding biology, foraging ecology and behavior on Assateague Island National Seashore, Maryland.*

Bachelor of Science in Zoology and Biology, minors in Botany and Chemistry, North Dakota State University, Fargo. 1988.

## Teaching Experience

**Associate Professor and Veden Fellow for Rural Economic Development**, Natural Resources Department, University of Minnesota, Crookston, and **Associate Professor**, Department of Fisheries, Wildlife and Conservation Biology, University of Minnesota, St. Paul. July 2004 - present (50% Teaching, 50% Outreach and Research). **Assistant Professor**, August 2000 - June 2004. Taught *Wildlife Ecology and Management*, *Mammalogy*, *Ornithology*, *Ecology*, *Principles of Fisheries Management*, *Environmental Science and Sustainability*, and *Geographic Information Systems*. Delivered guest lectures in *Introduction to Animal Science*, *Animal Anatomy and Physiology*, *Introduction to Natural Resources*, and *Landscape Design*. Coordinated the formation of a Student Chapter of The Wildlife Society, currently serving as faculty advisor. Advised ~35 active undergraduate students annually, one undergraduate club, 6 Undergraduate Research Opportunities Program (UROP) students. Curate the wildlife museum. Direct outreach programs focused on northwest Minnesota and contribute to programs statewide. Serve on the graduate faculty in St. Paul, advised one graduate student, and sit on graduate committees. Recognized as UMC's Outstanding Educator in 2004 by the student body. Recognized as the Student Chapter Advisor of the Year by The Wildlife Society in 2004. Recognized with UMC's Distinguished Teaching Award by faculty colleagues in 2005 and 2008.

**Post-doctoral Research Associate and Instructor**, Oregon State University, April 1998 - July 2000. Created an interactive web site to enhance and facilitate student participation in *Principles of Wildlife Conservation*, a distance education course. Developed eight interactive modules or exercises on course topics. Responsible for design, programming, implementation, and testing of the site. Designed assessment of learner outcomes to evaluate the success of the site in enhancing learning from the student's perspective and from objective scores. Taught *Principles of Wildlife Conservation* (FW251) to 82 on-campus and 27 off-campus students. Taught *Readings in Conservation Biology* (FW499/599) to six students.

**Replacement faculty**, Oregon State University, September 1997 - April 1998 (0.5/0.3/0.2 FTE Instruction/Extension/Research). Taught *Principles of Wildlife Conservation* (FW251). Responsible for management, marketing, and delivery coordination of this distance education course. Enrollment of 156 students from 26 sites (high schools, colleges, universities, and on-campus). Delivery incorporated multi-media sources and extensive use of computers as a teaching tool to support lectures. Advised Wildlife Science majors pursuing the Public Education/Extension option. Research advisor for two senior projects. As acting Extension Wildlife Specialist, communicated daily with the public and extension agents statewide, delivered training programs, advised state and local agencies. Produced and edited two issues of the departmental newsletter, *News and Views* (circulation of 2500).

## Research Experience

**Post-doctoral Research Associate**, Oregon Cooperative Wildlife Research Unit, Oregon State University, December 1999 - July 2000. Analyst for northern spotted owl research program. Examined site-specific survival, reproductive performance, and occupancy of owls as a function of climatic conditions and habitat features at the nest-site, stand, and landscape scales. Extensively used linear, non-linear, and survival modeling techniques. Also designed silvicultural prescriptions to examine 1) the role of forest floor structure on small mammals and amphibians and 2) neotropical migratory bird responses to increased tree community diversity in thinned stands.

**Graduate Research Assistant**, Oregon State University, Corvallis. January 1992 - August 1997. Studied habitat selection of riparian birds and nest-site selection, productivity, and foraging ecology of American dippers. Designed and implemented riparian bird surveys, nest searches, habitat quantification, detailed observations of foraging behavior and nest deliveries, aquatic invertebrate collection, bird banding, and fecal analysis. Trained and supervised 6 assistants.

**Graduate Research Assistant**, Virginia Polytechnic Institute and State University, Blacksburg. May 1988 - December 1991. Investigated piping plover breeding biology, productivity and chick survival. Conducted foraging habitat use surveys, behavioral observations, bird banding, invertebrate collection, and disturbance assessment. Coordinated research and visitor management with National Park Service personnel. Trained and supervised 4 assistants.

## Museum Curator Experience

**Wildlife Museum Curator**, Natural Resources Department, University of Minnesota, Crookston. 2000-present. Oversee collections storage, management, preparation, and curation of wildlife specimens through collection, forfeiture, and salvage opportunities. Maintain files and reporting necessary for state and federal permits. Holdings contain study skins, taxidermic mounts, and skeletal elements of birds and mammals of the upper Midwest. Collection contains over 1106 bird or mammal specimens; 573 (52%) have been added since I arrived in 2000, 126 have been prepared for and donated to educational institutions for educational programs. Collection is primarily used for teaching and outreach. Assisted by the departmental lab services coordinator and 1-4 work-study students in specimen preparation.

## Publications

- LOEGERING, J. P., and R. G. Anthony. 2006. Nest-site selection and productivity of American dippers in the Oregon Coast Range. *Wilson Journal of Ornithology* 118:281-294.
- Zluticky, L. and J. P. LOEGERING. 2004. First cattle egret in Mahnomon County. *Loon* 75:234. Co-authored with UMC's first Wildlife Management graduate.
- LOEGERING, J. P. 2003. American Dipper. Pages 466-468 *in* D. B. Marshall, M. G. Hunter, and A. L. Contreras, eds. *Birds of Oregon: A General Reference*. Oregon State University Press, Corvallis. 752pp.
- LOEGERING, J. P., and W. D. Edge. 2001. Reinforcing science with web-based exercises: examining the benefits of web activities to enhance student learning. *Journal of College Science Teaching* 31:252-257.
- LOEGERING, J. P., and W. D. Edge. 2001. Reaching a broad audience with a conservation message. Pages 134-136 *in* R. Fields, R. J. Warren, H. K. Okarma, and P. Sievert, editors. *Proceedings of the Second International Wildlife Management Congress, 28 June-3 July 1999, Gödöllő, Hungary*. The Wildlife Society, Bedestha, Maryland.
- Edge, W. D., and J. P. LOEGERING. 2000. Distance education: expanding learning opportunities. *Invited Paper for the Wildlife Society Bulletin* 28:522-533.
- LOEGERING, J. P., and R. G. Anthony. 1999. Distribution, abundance, and habitat association of riparian-obligate and -associated birds in the Oregon Coast Range. *Northwest Science* 73:168-185.
- LOEGERING, J. P., and W. D. Edge. 1999. Wildlife conservation in high schools: filling an empty niche. *Transactions of the North American Wildlife and Natural Resources Conference* 64:363-372.

- Edge, W. D., J. P. LOEGERING, and P. Diebel. 1998. Principles of wildlife conservation—testing distance delivery methodologies. *Natural Resources and Environmental Issues* 7:50-56.
- LOEGERING, J. P. 1997. Wildlife mortality and entanglement by discarded hip chain string. *Wilson Bulletin* 109:353-355.
- LOEGERING, J. P., and J. D. Fraser. 1995. Factors affecting piping plover chick survival in different brood-rearing habitats. *Journal of Wildlife Management* 59:646-655.
- LOEGERING, J. P., J. D. Fraser, and L. L. Loegering. 1995. Ghost crab preys on a piping plover chick. *Wilson Bulletin* 107:768-769.
- LOEGERING, J. P., and J. D. Fraser. 1991. Human impacts on barrier island piping plovers. *Virginia Journal of Science* 42:172.
- LOEGERING, J. P., M. E. Patterson, and J. D. Fraser. 1991. Factors limiting piping plover populations on Assateague Island National Seashore, Maryland. Page 209 in *Proceedings of the Second National Park Service Conference on Science and Natural Resource Management in the North Atlantic Region*. Newport, RI, 19-20 November.

### **Extension Publications**

- Edge, W. D., and J. P. Loegering. 1998. Controlling pocket gopher damage to agricultural crops. Extension Circular 1117. Oregon State University Extension Service, Corvallis. 4pp.

### **Extension/Outreach Activities, Programs, and Workshops**

- Nature Northwest Project. 2001 - 2009. Details at <http://NorthernMinnesota.org/>.
- Living with Wildlife, Master Gardener Program. 2008. University of Minnesota Extension Service. Presented statewide 5 times to at least ~300 participants.
- Wildlife module, White Earth Reservation Summer Youth Program (grades 4-8), 1 week in June 2007. Cooperation with University of Minnesota Extension Service.
- Red Lake River Corridor Enhancement Project. 2003 - 2006. Details at <http://www.RedLakeRiverCorridor.org/>.

### **Professional Society Memberships**

Association of Natural Resource Extension Professionals  
American Ornithologists' Union  
Minnesota Ornithologists' Union  
Association of Field Ornithologists  
Duluth Audubon Society  
Cooper Ornithological Society  
Society for Conservation Biology  
The Wildlife Society – Parent, Minnesota, and Student Chapters  
Wilson Ornithological Society