

Zachary H. Olson

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EDUCATION	M.S.	Wildlife Biology	2006	Frostburg State University
	B.S.	Biological Sciences	2004	South Dakota State University

HONORS AND AWARDS

Graduate

- Frederick N. Andrews Doctoral Assistantship – Purdue University, Dept of For. & Nat. Res.
- 2006 Honors Recipient – M.S. Program, Wildlife/Fisheries Science
- Best Student Presentation – PA Chapter of the Wildlife Society Annual Meeting (March 2006)
- Graduate Student Representative – Department of Biology (Spring 2005)
- Graduate Teaching Assistantship (Fall 2004, Spring 2005, and Fall 2005)
- IXth International Otter Colloquium – Facilitator (Spring 2004)
- The Wildlife Society - Member (2003 – present)

Undergraduate

- Graduated Cum Laude in Wildlife and Fisheries Sciences
- Men's Swim Team – (2000-2004, Captain 2003 and 2004)
- Student-Athlete Advisory Committee – President (2003 and 2004)
- Dean's Honor Roll (All semesters 2000-2004)
- McCook Lake Izaak Walton League Scholarship (Spring 2004)
- South Dakota Trapper's Association Award (Fall 2001)
- Wilbur Allen Scholarship (Fall 2000, Spring 2002, Fall 2003, and Spring 2004)

PUBLICATIONS

- Olson, Z. H., D. G. Whittaker, and O. E. Rhodes, Jr. 2008. **The use of molecular markers in wild sheep research in North America: a review.** Proceeding of the Northern Wild Sheep and Goat Council Biennial Symposium: in press.
- Olson, Z. H., S. S. Stevens, and T. L. Serfass. 2005. **Do juvenile Nearctic river otters (*Lontra canadensis*) contribute to fall scent marking?** Canadian Field-Naturalist 119(3): 457-459.
- Olson, Z. H., T. L. Serfass, O. E. Rhodes, Jr. In prep. **Seasonal variation in latrine site visitation and scent marking by river otters.** Pennsylvania Academy of Science.
- Olson, Z. H., T. L. Serfass, O. E. Rhodes, Jr. In prep. **Latrine visitation and scent marking by river otters: implications for scat genetics.** Northeastern Naturalist.

PRESENTATIONS

- Northern Wild Sheep and Goat Council Biennial Symposium. “The use of molecular markers in wild sheep research in North America: a review.” Midway, Utah: April 2008.
- The Wildlife Society 13th Annual Conference. “Seasonal variation in scent marking by river otters.” Anchorage, Alaska: September 2006.

PRESENTATIONS CONT.

Midwest Furbearer Workshop. “Monitoring river otter latrine sites.” Sault Sainte Marie, Michigan: September 2006.

62nd Annual Northeast Fish and Wildlife Conference. “Seasonal variation in scent marking by river otters.” Burlington, Vermont: April 2006.

Pennsylvania Chapter of the Wildlife Society Annual Meeting. “Seasonal variation in scent marking by river otters.” State College, Pennsylvania: March 2006.

TEACHING EXPERIENCE

Teaching Assistant – Purdue University. FNR 548: Wildlife Investigational Techniques laboratories.
Fall 2007 and 2008

Teaching Assistant – Frostburg State University. BIO 149: General Biology I laboratories.
Fall 2004, Spring 2005, and Fall 2005

Guest Lecture – Purdue University, Wildlife in America: FNR 240. “Principles of Conservation Biology.”
August 2007

Guest Lecture – North Dakota Fur Hunters and Trappers Association. “River Otter Scent Marking.”
August 2006

EMPLOYMENT

Graduate Assistant Purdue University, West Lafayette, Indiana: ongoing. *Fall 2006 to present*

Graduate Assistant Frostburg State University, Frostburg, Maryland: genetic analysis of river otter scat samples. *Spring 2006*

Teaching Assistant Frostburg State University, Frostburg, Maryland: responsible for teaching Biology 149 laboratories. *Fall 2004, Spring 2005, and Fall 2005*

Wildlife Technician Minnesota Department of Natural Resources, southeastern Minnesota: whitetail deer mortality. Conducted hand-held and truck-mounted radiotelemetry on whitetail deer, coyotes, and red fox. *May-August 2003*

Wildlife Technician South Dakota Game, Fish & Parks, National Forest Service, and South Dakota State University, Fall River County, South Dakota: swift fox distribution. Designed and conducted scent-station and sign surveys, recorded and analyzed data, and documented findings. *May-August 2002*

Fisheries Intern Minnesota Department of Natural Resources, Detroit Lakes Area Fisheries Office: walleye spawning habitat improvement. Collected and processed fry samples; boat, barge, and backpack electrofishing; processed net surveys for lake-specific management; aged and sexed bluegills and their conspecifics.
May-August 2001