
CURRICULUM VITAE
Michael P. LeMaster

PERSONAL:

<i>Address:</i>	Department of Biology Western Oregon University Monmouth, OR 97361	<i>Social Security Number:</i>	XXXXXXXXXXXXX
		<i>Date of Birth:</i>	26 October 1971
<i>Phone:</i>	(503) 838-8136	<i>Home Address:</i>	1420 Gwinn St. E. Monmouth, OR 97361
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EDUCATION:

2001	Ph.D.	Oregon State University – Corvallis, Oregon Department of Zoology (<i>Doctoral Advisor:</i> Robert T. Mason) Title: Phenotypic Variation in the Female Sexual Attractiveness Pheromone of the Red-sided Garter Snake, <i>Thamnophis sirtalis parietalis</i>
1994	B.S.	Pacific Lutheran University, Tacoma, Washington Biology (<i>summa cum laude</i>)

PROFESSIONAL EXPERIENCE:

2008 – Present	Associate Professor	Western Oregon University, Monmouth, Oregon Department of Biology
2010 – Present	Associate Professor (courtesy appointment)	Oregon State University, Corvallis, Oregon Department of Zoology
2003 – 2008	Assistant Professor	Western Oregon University, Monmouth, Oregon Department of Biology
2001 – 2003	Adjunct Assistant Professor	Western Oregon University, Monmouth, Oregon Department of Biology
1999 – 2002	Instructor	Oregon State University, Corvallis, Oregon Department of Zoology

HONORS AND AWARDS:

2008	Outstanding Faculty Advisor, National Academic Advising Association (NACADA)
2006	Faculty Academic Advisor of the Year, Western Oregon University
2001	Founders' Award – Best Student Poster (Honorable Mention), Animal Behavior Society
2001	Travel Award, International Society of Chemical Ecology
2000	Frolander Graduate Student Teaching Award, Oregon State University
1996	NSF Pre-doctoral Fellowship (Honorable Mention)
1996	Department of Defense Pre-doctoral Fellowship (Honorable Mention)

COURSES TAUGHT:

Western Oregon University:

- BI 101 – General Biology (2002)
- BI 102 – General Biology (2001 – 2003, 2005, 2010)
- BI 103 – General Biology (2002 – 2003, 2009)
- BI 212 – Principles of Biology (2004 – 2010)
- BI 213 – Principles of Biology (2011)
- BI 317 – Vertebrate Natural History (2005 / 2007)
- BI 324 – Comparative Vertebrate Anatomy (2004, 2006, 2008, 2010)
- BI 234 / 235 / 236 – Human Anatomy and Physiology (2002 – 2012)
- BI 334 / 335 / 336 – Advanced Human Anatomy and Physiology (2007, 2009, 2011, 2012)
- BI 370 – Environmental Science (2004)
- BI 424 – Cadaver Dissection (2004 – 2012)
- BI 434 – Animal Physiology (2007, 2009, 2011)
- BI 437 – Endocrinology (2004, 2006, 2008)
- GS 201 – Honors Biology (2003 – 2004)
- ISC 101 – Freshman Year Experience (2010)

Oregon State University:

Instructor:

- BI 332 – Human Anatomy and Physiology (1999)
- BI 333 – Human Anatomy and Physiology (2000 – 2002)

Teaching Assistant (1995 – 2001)

- General Biology Laboratory
- Human Anatomy and Physiology Laboratory
- Histology Laboratory
- Cell Biology Laboratory

TEACHING GRANTS AWARDED:

2011	Academic Infrastructure Committee Grant, Western Oregon University (\$29,500)
2004	Student Technology Fee Committee Grant, Western Oregon University (\$16,500)
2002	PT3 Mini-grant, Western Oregon University (Tom Kelly, principal author - \$8000)

ACADEMIC ADVISING:

2004 – Present	Pre-Nursing (~ 150 advisees / year)
2003 – Present	General Biology – Zoology Emphasis (~ 5 advisees / year)
2010 – Present	Pre-Physical Therapy (~ 5 advisees / year)
2003 – 2006	Pre-Veterinary (~ 5 advisees / year)

INSTITUTIONAL SERVICE:

2010 – Present	WOU Faculty Senate (Natural Science and Mathematics representative)
2010 – Present	Division of Natural Science and Mathematics representative to the university-wide Peer Review Committee
2004 – Present	Animal Care and Use Committee (Chair), Western Oregon University
2011	Search Committee for Ackerman Hall Area Coordinator Position
2010 – 2011	Search Committee for Tenure-track Biology Position, Western Oregon University
2008 – 2010	Head, Department of Biology, Western Oregon University
2005 – 2009	Faculty Development Committee (2007 – Chair), Western Oregon University
2008 – 2009	Search Committee for Academic Advisor (2 positions), Western Oregon University
2008	Search Committee for Tenure-track Biology Position (Chair), Western Oregon University
2007 – 2008	Selection Committee for Faculty Academic Advisor of the Year Award, Western Oregon University
2007	Search Committee for Tenure-track Biology Faculty (2 positions), Western Oregon University
2007	Search Committee for Academic Advisor (2 positions), Western Oregon University
2007	Search Committee for Academic Advisor (Chair), Western Oregon University
2004 – 2007	Student Conduct Committee, Western Oregon University
2003 – 2006	Division of Natural Science and Mathematics Curriculum Committee (Chair: 2005 – 2006), Western Oregon University
2005	Search Committee for Academic Advisors (3 positions), Western Oregon University
2005	Search Committee for Director of Academic Advising and Enrichment Program, Western Oregon University
2004	General Scholarship Committee, Western Oregon University
1997	Search Committee for Tenure-track Physiology Faculty Position, Oregon State University

PROFESSIONAL SERVICE:

Journal Reviewer:

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| ➤ Journal of Chemical Ecology | ➤ Conservation Biology |
| ➤ Chemoecology | ➤ Copeia |
| ➤ Hormones and Behavior | ➤ Journal of Ethology |

Conference Organizer:

- Academic Excellence Showcase, Western Oregon University (2006 – 2009), Biology Session Chair / Co-chair
- Central Western Oregon Science Expo, Western Oregon University (2006), Biology Session Chair
- Chemical Signals in Vertebrates X, Oregon State University (2003), Member of Organizing Committee

Conference Judge:

- Central Western Oregon Science Expo, Western Oregon University (2005, 2006, 2007)
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PROFESSIONAL MEMBERSHIPS:

Human Anatomy and Physiology Society (2005 – Present)

Society for Integrative and Comparative Biology (2009 – Present)

Animal Behavior Society (2001 – 2004)

RESEARCH GRANTS AWARDED:

2011	Faculty Development Award (Travel), Western Oregon University (\$1200)
2009	Faculty Development Award (Travel), Western Oregon University (\$900)
2008	Faculty Development Award (Travel), Western Oregon University (\$900)
2008	Faculty Development Award (Travel), Western Oregon University (\$1200)
2008	Faculty Development Award (Major Projects), Western Oregon University (\$2650)
2006	Faculty Development Award (Travel), Western Oregon University (\$725)
2006	Faculty Development Award (Major Projects), Western Oregon University (\$2540)
2004	Faculty Development Award (Major Projects), Western Oregon University (\$3000)
2003	Faculty Development Award (Major Projects), Western Oregon University (\$2400)
2002	Faculty Development Award (Travel), Western Oregon University (\$500)
1999	Sigma Xi Grants-in-Aid of Research, Oregon State University (\$625)
1997	Sigma Xi Grants-in-Aid of Research, Oregon State University (\$600)

PUBLICATIONS:

Edited Books:

Mason, R.T., **LeMaster, M.P.**, and Muller-Schwarze, D. (eds.). 2005. *Chemical Signals in Vertebrates 10*. 432 pgs. – Springer, New York, New York.

Refereed Chapters in Books:

LeMaster, M.P., Stefani, A., Shine, R. and Mason, R.T. 2007. Cross-dressing in Chemical Cues: Exploring she-maleness in newly-emerged male garter snakes. In: *Chemical Signals in Vertebrates XI*.

LeMaster, M.P. and Mason, R.T. 2001. Annual and seasonal variation in the female sexual attractiveness pheromone of the red-sided garter snake, *Thamnophis sirtalis parietalis*. In: *Chemical Signals in Vertebrates IX* (eds. A. Marchlewska-Koj, J. Lepri & D. Müller-Schwarze). Plenum Press, 369-374.

Torgersen, C.E., J.A. Jones, A.R. Moldenke and **LeMaster, M.P.** 1995. The spatial heterogeneity of soil invertebrates and edaphic properties in an old growth forest stand in western Oregon. In: *The Significance and Regulation of Soil Biodiversity* (eds. HP Collins, GP Robertson and MJ Klug). Kluwer Academic Publishers, 225-236.

Peer-reviewed Journal Articles:

- Uhrig, E.J., Lutterschmidt, R., Mason, R.T., and **LeMaster, M.P.** 2012. Pheromonal mediation of intraseasonal declines in the attractivity of female red-sided garter snakes, *Thamnophis sirtalis parietalis*. *Journal of Chemical Ecology* 38:71-80.
- Lutterschmidt, D.I., **LeMaster, M.P.**, and Mason, R.T. 2006. Minimal over-wintering temperatures of red-sided garter snakes (*Thamnophis sirtalis parietalis*): A possible cue for emergence? *Canadian Journal of Zoology* 84:771-777.
- Lutterschmidt, D.I., **LeMaster, M.P.**, and Mason R.T. 2004. Effects of melatonin on the behavioral and hormonal responses of red-sided garter snakes (*Thamnophis sirtalis parietalis*) to exogenous corticosterone. *Hormones and Behavior* 46:692-702.
- Shine, R., **LeMaster, M.**, Wall, M., Langkilde, T., and Mason, R.T. 2004. Why did the snake cross the road? Effects of roads on movement and mate-location by garter snakes (*Thamnophis sirtalis parietalis*). *Ecology and Society* 9:9.
- Shine, R., Phillips, B., Wayne, H., **LeMaster, M.**, and Mason, R.T. 2004. Species isolating mechanisms in a mating system with male mate choice (garter snakes, *Thamnophis*). *Canadian Journal of Zoology* 82:1091-1098.
- Shine, R., Phillips, B., Wayne, H., **LeMaster, M.**, and Mason, R.T. 2003. Chemosensory cues allow courting male garter snakes to assess body length and body condition of potential mates. *Behavioral Ecology and Sociobiology* 54:162-166.
- LeMaster, M.P.** and Mason, R.T. 2003. Pheromonally-mediated sexual isolation between denning populations of red-sided garter snakes, *Thamnophis sirtalis parietalis*. *Journal of Chemical Ecology* 29:1027-1043.
- Shine, R., Phillip, B., Wayne, H., **LeMaster, M.**, and Mason, R.T. 2003. The lexicon of love: what cues cause size-assortative courtship by male garter snakes? *Behavioral Ecology and Sociobiology* 53:234-237.
- Shine, R., Reed, R.N., Shetty, S., **LeMaster, M.**, and Mason, R.T. 2002. Reproductive isolating mechanisms between two sympatric sibling species of sea snakes. *Evolution* 56:1655-1662.
- LeMaster, M.P.** and Mason, R.T. 2002. Variation in a sexual attractiveness pheromone controls male mate choice garter snakes. *Journal of Chemical Ecology* 28:1269-1285.
- Shine, R., Phillips, B., Wayne, H., **LeMaster, M.P.**, and Mason, R.T. 2001. Advantage of female mimicry in snakes. *Nature* 414:267.
- LeMaster, M.P.**, Moore, I.T., and Mason, R.T. 2001. Conspecific trailing behavior of red-sided garter snakes (*Thamnophis sirtalis parietalis*) in the natural environment. *Animal Behaviour* 61:827-833.
- LeMaster, M.P.** and Mason R.T. 2001. Evidence for a female sex pheromone mediating male trailing behavior in the red-sided garter snake, *Thamnophis sirtalis parietalis*. *Chemoecology* 11:149-152.
- Shine, R., O'Connor, D., **LeMaster, M.P.**, and Mason, R.T. 2001. Pick on someone your own size: Ontogenetic shifts in mate choice by male garter snakes result in size-assortative mating. *Animal Behaviour* 61:1133-1141.
- Shine, R., Elphick, M.J., Harlow, P.S., Moore, I.T., **LeMaster, M.P.**, and Mason, R.T. 2001. Movements, mating and dispersal of red-sided garter snakes from a communal den in Manitoba. *Copeia* 2001:82-91.

- Shine, R., **LeMaster, M.P.**, Moore, I.T., Olsson, M.M., and Mason, R.T. 2001. Bumpus in the snake den: Effects of sex, size and body condition on mortality of red-sided garter snakes. *Evolution* 55:598-604.
- Shine R, Olsson M.M., **LeMaster M.P.**, Moore I.T, and Mason R.T. 2000. Are snakes right-handed? Asymmetry in hemipenis size and usage in garter snakes (*Thamnophis sirtalis*). *Behavioral Ecology* 11(4):411-415.
- Shine, R., Olsson, M.M., **LeMaster, M.P.**, Moore, I.T., and Mason, R.T. 2000. Effects of sex, body size, temperature, and location on the antipredator tactics of free-ranging garter snakes (*Thamnophis sirtalis*, Colubridae). *Behavioral Ecology* 11(3):239-245.
- Moore, I.T., **LeMaster, M.P.** and Mason, R.T. 2000. Behavioral and hormonal responses to capture stress in the male red-sided garter snake, *Thamnophis sirtalis parietalis*. *Animal Behaviour* 59:529-534.
- Shine, R., Olsson, M.M., Moore, I.T., **LeMaster, M.P.**, Greene, M. and Mason, R.T. 2000. Body size enhances mating success in male garter snakes. *Animal Behaviour* 59:F4-F11.
- Shine, R., Olsson, M.M., Harlow, P., **LeMaster, M.P.**, Moore, I.T., and Mason, R.T. 2000. The transvestite serpent: Why do some male garter snakes court (some) other males? *Animal Behaviour* 59:349-359.
- Shine, R., Olsson, M.M., Moore, I.T., **LeMaster, M.P.** and Mason, R.T. 1999. Why do male snakes have longer tails than females? *Proceedings of the Royal Society Series B* 266:2147-2151.

PRESENTATIONS AT SCIENTIFIC CONFERENCES:

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| 2012 | Jan. | Society for Integrative and Comparative Biology, Charleston, South Carolina (Co-author on talk) |
| 2011 | Mar. | Society for Northwest Vertebrate Biology, Gig Harbor, Washington (Poster) |
| 2011 | Jan. | Society for Integrative and Comparative Biology, Salt Lake City, Utah (Poster) |
| 2010 | Jan. | Society for Integrative and Comparative Biology, Seattle, Washington (Poster) |
| 2009 | Jan. | Society for Integrative and Comparative Biology, Boston, Massachusetts (Poster) |
| 2006 | July | Chemical Signals in Vertebrates (XI) Meeting, Chester, England (Poster) |
| 2005 | Feb. | Society of Northwestern Vertebrate Biology Meeting, Corvallis, Oregon (Poster) |
| 2005 | Jan. | Society for Integrative and Comparative Biology, New Orleans, Louisiana (Poster) |
| 2004 | Jan. | Society for Integrative and Comparative Biology, San Diego, California (Poster) |
| 2003 | July | Chemical Signals in Vertebrates (X) Meeting, Corvallis, Oregon (Talk) |
| 2002 | Aug. | 19 th Meeting of the International Society of Chemical Ecology, Hamburg, Germany (Poster) |
| 2001 | July | 18 th Meeting of the International Society of Chemical Ecology, Reno, Nevada (Talk) |
| 2001 | July | Animal Behavior Society Meeting – Corvallis, Oregon (Poster) |
| 2000 | July | Chemical Signals in Vertebrates (IX) Meeting, Krakow, Poland (Poster) |
| 1998 | Mar. | Society for Northwest Vertebrate Biology Meeting, Olympia, Washington (Talk) |
| 1997 | July | 14 th Meeting of the International Society of Chemical Ecology, Vancouver, Canada (Talk) |

1997	June	ASIH / SSAR / ELHS-AFS / AES / GIS Annual Meetings, Seattle, Washington (Talk)
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INVITED SEMINARS:

2006	Portland State University, Portland, Oregon
2003	Georgia Institute of Technology, Atlanta, Georgia
2002	Western Oregon University, Monmouth, Oregon
2001	Western Oregon University, Monmouth, Oregon
2001	Pacific University, Forest Grove, Oregon

COMMUNITY SERVICE:

2004 – Present	Cadaver tours for local high schools
2008	Speaker at the Rotary Club – Monmouth Chapter, Monmouth, Oregon
2006	Speaker to the WOU Retirees Association (Annual Meeting)
2004 – 2005	Co-leader of WAMS (Western Adventures in Math and Science) programs for middle / high school students, Western Oregon University
1999 – 2001	Speaker to the Oregon State University sponsored “Youth Leadership Program” for local high school students
1999	Featured participant in children’s book titled “The Snake Scientist,” published by Houghton Mifflin Company (Boston)
1999	Information source / Videographer for Oregon Field Guide (television)
1997 – 1998	Speaker at “Da Vinci Days” (community festival), Corvallis, Oregon
