

CURRICULUM VITAE
SCOTT LYELL GARDNER

Work: 402-472-3334
Cell: 402-540-9310, Home: 402-423-4771
Fax: 402-472-8949, e-mail: slg@unl.edu
Web: <http://hwml.unl.edu>

PROFESSIONAL PREPARATION

<i>Institution</i>	<i>Major/Area</i>	<i>Degree/Date</i>
Oregon State University	Biology/Ecology	B.S. 1980
University of Northern Colorado	Zoology/Parasitology	M.A. 1983
University of New Mexico	Biology/Parasitology	Ph.D. 1989
University of New Mexico	Post doctoral position	1989-1990

APPOINTMENTS

CURRENT

- 2002- **Professor and Curator of Parasitology.** University of Nebraska State Museum and School of Biological Sciences (as of 2003), University of Nebraska-Lincoln
- 2012- **Adjunct Professor (Invited).** Department of Environmental, Agricultural, and Occupational Health, College of Public Health, University of Nebraska Medical Center, Omaha, NE

FORMER

- 1984-1987 **Teaching Assistant,** Department of Biology, University of New Mexico, Albuquerque, NM
- 1987-1988 **Research Assistant,** Department of Biology, University of New Mexico, Albuquerque, NM
- 1988-1990 **Post-Doctoral Associate** Department of Biology, University of New Mexico, Albuquerque, NM
- 1990 **Research Associate.** Division of Mammals, Museum of Southwestern Biology, Department of Biology, University of New Mexico, Albuquerque, NM
- 1992 **Research Associate.** Department of Mammalogy, American Museum of Natural History, New York
- 1990-1994 **Assistant Professor and Curator of Nematology.** Department of Nematology, University of California, Davis
- 1994-2002 **Associate Professor and Curator of Parasitology.** Division of Parasitology, University of Nebraska State Museum, University of Nebraska-Lincoln
- 1995-1996 **Assistant Director for Research.** University of Nebraska State Museum, Lincoln, NE

AWARDS AND HONORS

- 1981 **Superior Teaching Recognition.** Department of Zoology, Oregon State University, Corvallis, OR
- 1982 **Outstanding Graduate Student, "Chairman's Award."** Department of Biological Sciences, University of Northern Colorado, Greeley, CO
- 1983 **Best Student Paper.** Rocky Mountain Conference of Parasitologists, Grand Junction, CO
- 1983 **Best Student Demonstration.** Rocky Mountain Conference of Parasitologists, Grand Junction, CO
- 1987 **Challenge Assistantship.** Office of Graduate Studies, University of New Mexico, Albuquerque, NM
- 1988 **Best Student Paper, Systematics.** Meeting of the American Society of Parasitologists, Lincoln, NE
- 1988 **Phi Kappa Phi.** University of New Mexico, Albuquerque, NM
- 1988 **Best Student Paper, Systematics.** United States Federation of Culture Collections, National Student Paper Competition
- 1990 **Research Associate (elected).** Division of Mammals, Museum of Southwestern Biology, Department of Biology, University of New Mexico, Albuquerque, NM
- 1994 **Faculty Fellow, Graduate Studies (elected).** UNL, Lincoln, NE
- 1996-1997 **Certificate of Recognition for Contribution to Students.** UNL Parents' Association and
- & 2003-2015 Teaching Council, Lincoln, NE
- 2015 **Elected Fellow** - American Association for the Advancement of Science

HONORIFIC NAMES

Denarycotlye gardneri Pulido-Flores, Monks, and Violante-Gonzalez 2015

Retrovarium gardneri Miller and Cribb, 2007

EXTERNAL GRANTS RECEIVED (Total = \$2,959,404)

\$500	Mammal Parasite Coevolution (field work in Bolivia). Grant-in-Aid. American Society of Mammalogists. 1985
\$9,665	Zoogeography and Coevolution of Helminth Parasites and Their Rodent Hosts in Bolivia. Dissertation Improvement Grant (Systematics). National Science Foundation. Grant Number BSR-8612329. 1986-1988
\$50,000	Phylogenetic Relationships of the Peracarida (Crustacea: Malacostraca) Determined by Analysis of 18s rRNA Nucleotide Sequences. Alfred P. Sloan Fellowship in Molecular Studies of Evolution. Alfred P. Sloan Foundation. Declined in order to assume tenure-track position at UC Davis. 1989
\$206,568	Parasites of Mammals of Bolivia: Phylogeny and Coevolution. Biotic Surveys and Inventory Grant. National Science Foundation. Grant Number BSR-9024816. 1991-1994
\$25,000	Research Experiences for Undergraduates (REU) Supplement. National Science Foundation. Supplement to Grant Number BSR-9024816. 1992-1994
\$50,000	EROL Supplement to extend research on the Sevilleta LTER in New Mexico. National Science Foundation. Grant Number BSR-9024816. 1992-1994
\$7,000	Morphology and Molecules in Phylogenetic Analysis of Nematodes of Mammals. NATO. NATO Collaborative Research Grant. Grant Number CRG No. 920612. Co-PI: Jean-Pierre Hugot, Muséum national d'Histoire naturelle, Paris, France. 1992-1994
\$22,000	Evaluation and Testing of QBIC, "Query by Image Content." IBM. 1993-1994
\$57,384	LTREB: Spatial and Temporal Pattern in Butterfly Faunas: Long-Term Studies on a Northern California Transect. National Science Foundation. Grant Number DEB-9306721. Co-PI: Arthur M. Shapiro, University of California, Davis. 1993-1999
\$74,000	Parasites of Mammals of Bolivia: Phylogeny and Coevolution. <u>Renewal.</u> National Science Foundation. Grant Number DEB-9496263. 1994-1996
\$250,400	Upgrade of the Collections Facilities of the Harold W. Manter Laboratory of Parasitology. National Science Foundation. Grant Number DEB-9631295. 1996-2001
\$10,000	REU Supplement. National Science Foundation. Supplement to Grant Number DEB-9496263. 1996
\$10,000	REU Supplement. National Science Foundation. Supplement to Grant Number DEB-9631295. 1996
\$10,900	REU Supplement. National Science Foundation. Supplement to Grant Number DEB-9631295. 1997
\$10,000	REU Supplement. National Science Foundation. Supplement to Grant Number DEB-9631295. 1998
\$10,000	REU Supplement. National Science Foundation. Supplement to Grant Number DEB-9631295. 1999
\$13,610	Collection of Parasites from Mammals in Mongolia. National Science Foundation. Research Supplement to Grant Number DEB-9631295. 1999
\$17,200	REU Supplement. National Science Foundation. Supplement to Grant Number DEB-9631295. 2000
\$13,680	Collection of Parasites from Mammals in Bolivia. National Science Foundation. Equipment and Field Supplement to Grant Number DEB-9621395. 2000
\$347,000	WORM-WEB: Georeferencing Computerized Data and Linking Databases in the Manter Laboratory of Parasitology. National Science Foundation. Grant Number DEB-0097019. 2001
\$21,650	ECTO-WEB: Ectoparasites of Mammals of Bolivia. National Science Foundation. Research Supplement to Grant Number DEB-0097019. 2001
\$11,800	REU Supplement. National Science Foundation. Supplement to Grant Number DEB-0097019. 2002
\$17,500	REU Supplement. National Science Foundation. Supplement to Grant Number DEB-0097019. 2003
\$16,000	REU Supplement. National Science Foundation. Supplement to Grant Number DEB-0097019. 2004
\$18,000	REU Supplement. National Science Foundation. Supplement to Grant Number DEB-0097019. 2005
\$484,647	Enabling Access to Priority Taxa for Biodiversity Studies in the Manter Laboratory of Parasitology. National Science Foundation, Biological Research Collections Program. DBI-0646356. 2007
\$12,000	REU Supplement. National Science Foundation. Supplement to Grant Number DBI-0646356. 2007

\$620,000	The Mongolian Vertebrate Parasite Project. National Science Foundation, Systematics - Biological Surveys and Inventories Program. DEB-0717214. 2007
\$16,450	REU Supplement. National Science Foundation. Supplement to Grant Number DBI-0646356. 2008
\$16,000	REU Supplement. National Science Foundation. Supplement to Grant Number DEB-0717214. 2009
\$16,450	REU Supplement. National Science Foundation. Supplement to Grant Number DBI-0646356. 2009
\$16,000	REU Supplement. National Science Foundation. Supplement to Grant Number DBI-0646356. 2010
\$16,000	REU Supplement. National Science Foundation. Supplement to Grant Number DEB-0717214. 2010
\$16,000	REU Supplement. National Science Foundation. Supplement to Grant Number DBI-0646356. 2011
\$16,000	REU Supplement. National Science Foundation. Supplement to Grant Number DEB-0717214. 2011
\$500,000	Natural History: Securing and Digitizing Data for Parasite Biodiversity Specimens in the Manter Laboratory. National Science Foundation. CSBR Program. DBI- 1458139, March, 2015.

INTERNAL GRANTS RECEIVED (Total = \$364,325)

\$1,000	The Latin American Institute, University of New Mexico. 1986
\$6,000	Challenge Assistantship. University of New Mexico. 1987-1988
\$1,000	Faculty Research Grant. University of California, Davis. 1990-1991
\$2,125	New Faculty Research Grant. University of California, Davis. 1990-1991
\$2,000	Genetic Resource Conservation Program. University of California. 1992
\$2,000	Genetic Resource Conservation Program. University of California. 1993
\$2,000	Genetic Resource Conservation Program. University of California. 1994
\$92,000	Renovation, Division of Parasitology, Nebraska Hall. Office of Research, UNL. 1994
\$2,000	Molecular Phylogenetics of Parasites of Mammals. Research Council, UNL. 1995
\$3,000	Database Conversion in the Manter Laboratory. Research Council, UNL. 1998
\$50,000	Renovation of the Systematics Laboratory in Manter Hall. Office of Research Facilities Improvement Award, UNL. 1999
\$1,200	Parasites of Mammals of Mongolia. Working on specimens in the HWML. UCARE-UNL. 2007
\$2,000	Genomic and Morphological Analysis of Parasites from Ctenomyidae. UCARE-UNL. 2011
\$198,000	Mongolian Vertebrate Parasite Project specimen recovery funds. University of Nebraska Trust. 2012

PUBLICATIONS

REFEREED AND REVIEWED PUBLICATIONS

1. Loker, E.S.; Moyo, H.G.; Gardner, S.L. 1981. [Trematode-gastropod associations in nine non-lacustrine habitats in the Mwanza region of Tanzania.](#) *Parasitology* 83: 381-389.
2. Gardner, S.L.; Jasmer, D.P. 1983. [Heligmosomoides thomomyos n. sp. \(Nematoda: Heligmosomidae\) from pocket gophers Thomomys spp. \(Rodentia: Geomyidae\) in Oregon and California.](#) *Proceedings of the Helminthological Society of Washington* 50: 278-281.
3. Gardner, S.L.; Schmidt, G.D. 1984. [Discobothrium caribbensis sp. n., a lecanicephalidean cestode from a yellow spotted stingray, Urolophus jamaicensis in Jamaica.](#) *Journal of Parasitology* 70: 303-304.
4. Gardner, S.L. 1985. [Helminth parasites of Thomomys bulbivorus \(Richardson\) \(Rodentia: Geomyidae\), with the description of a new species of Hymenolepis \(Cestoda\).](#) *Canadian Journal of Zoology* 63: 1,463-1,469.
5. Upton, S.J.; Bristol, J.R.; Gardner, S.L.; Duszynski, D.W. 1986. [Eimeria halleri sp. n. \(Apicomplexa: Eimeriidae\) from the Round Stingray, Urolophus halleri \(Rajiformes: Dasyatidae\).](#) *Proceedings of the Helminthological Society of Washington* 53: 110-112.
6. Gardner, S.L.; Schmidt, G.D. 1986. [Two new species of Litomosoides \(Nematoda: Onchocercidae\) from pocket gophers \(Rodentia: Geomyidae\) in Colorado.](#) *Systematic Parasitology* 8: 235-242.
7. Gardner, S.L.; Schmidt, G.D. 1988. [Cestodes of the genus Hymenolepis Weinland, 1858 sensu stricto from pocket gophers Geomys and Thomomys spp. \[Rodentia: Geomyidae\] in Colorado and Oregon, with a discriminant analysis of four species of Hymenolepis.](#) *Canadian Journal of Zoology* 66: 896-903.
8. Gardner, S.L.; Rausch, R.L.; Camacho, O.C.J. 1988. [Echinococcus vogeli Rausch and Bernstein, 1972 from the paca, Cuniculus paca L. \(Rodentia: Dasyproctidae\) in the Departamento de Santa Cruz, Bolivia.](#) *Journal of Parasitology* 74: 399-402.

9. Upton, S.J.; **Gardner, S.L.**; Duszynski, D.W. 1988. The round stingray, *Urolophus halleri* (Rajiformes: Dasyatidae) as a host for *Eimeria chollaensis* sp. nov. (Apicomplexa: Eimeriidae). *Canadian Journal of Zoology* 66: 2,049-2,052.
10. Lambert, C.R.; **Gardner, S.L.**; Duszynski, D.W. 1988. [Coccidia \(Apicomplexa: Eimeriidae\) from the subterranean rodent *Ctenomys opimus* Wagner \(Ctenomyidae\) from Bolivia, South America.](#) *Journal of Parasitology* 74: 1,018-1,022.
11. Pitts, R.M.; **Gardner, S.L.**; Smolen, M.J.; Craig, T.M. 1990. First reported occurrence of the filarioid nematode, *Litomosoides westi* in *Geomys personatus*. *Texas Journal of Science* 42: 416.
12. **Gardner, S.L.**; Duszynski, D.W. 1990. [Polymorphism of eimeriian oocysts can be a problem in naturally infected hosts: an example from subterranean rodents in Bolivia.](#) *Journal of Parasitology* 76: 805-811.
13. **Gardner, S.L.** 1991. [Phyletic coevolution between subterranean rodents of the genus *Ctenomys* \(Rodentia: Hystricognathi\) and nematodes of the genus *Paraspidodera* \(Heterakoidea: Aspidoderidae\) in the Neotropics: Temporal and evolutionary implications.](#) *Zoological Journal of the Linnean Society of London* 102: 169-201.
14. **Gardner, S.L.**; Upton, S.J.; Lambert, C.R. 1991. [Redescription of *Eimeria escomeli* Rastegaieff, 1930 from *Myrmecophaga tridactyla* L. in Bolivia.](#) *Proceedings of the Helminthological Society of Washington* 58: 16-18.
15. Duszynski, D.W.; **Gardner, S.L.** 1991. [Fixing coccidian oocysts is not an adequate solution to the problem of preserving protozoan type material.](#) *Journal of Parasitology* 77: 52-57.
16. **Gardner, S.L.**; Campbell, M.L. 1992. [A new species of *Linstowia* Zschokke, 1899 \(Cestoda: Anoplocephalidae\) from marsupials in Bolivia with comments on the biogeography of cestodes of the genus *Linstowia*.](#) *Journal of Parasitology* 78: 795-799.
17. **Gardner, S.L.**; Campbell, M.L. 1992. [Parasites as probes for biodiversity.](#) *Journal of Parasitology* 78: 596-600.
18. Frey, J.K.; Duszynski, D.W.; Gannon, W.L.; Yates, T.L.; **Gardner, S.L.** 1992. [Designation and curatorial management of type host specimens \(symbiotypes\) for new parasite species.](#) *Journal of Parasitology* 78: 930-932.
19. Al-Banna, L.; **Gardner, S.L.** 1993. [Three new nematodes from endemic grape \(*Vitis*\) in California.](#) *Proceedings of the Helminthological Society of Washington* 60: 243-249.
20. **Gardner, S.L.**; Stock, S.P., Kaya, H.K. 1994. [A new species of *Heterorhabditis* from the Hawaiian islands.](#) *Journal of Parasitology* 80: 100-106.
21. **Gardner, S.L.**; Wong, E.B.; Al-Banna, L.; Raymond, S.R. 1994. [A new species of *Vexillata* \(Nemata: Heligmosomidae\) from the coarse-haired pocket mouse *Chaetodipus hispidus* in New Mexico.](#) *Journal of Parasitology* 80: 591-595.
22. Salazar-Bravo, J.; Campbell, M.; Anderson, S.; **Gardner, S.L.**; Dunnun, J.L. 1994. [New records of Bolivian mammals.](#) *Mammalia* 58: 125-130.
23. Hugot, J.-P.; Morand, S.; **Gardner, S.L.** 1995. [Morphology and morphometrics of three oxyurids parasitic in primates with a description of *Lemuricola microcebi* n. sp.](#) *International Journal of Parasitology* 25: 1,065-1,075.
24. Stock, S.P.; **Gardner, S.L.**; Wu, F.F.; Kaya, H.K. 1995. [Characterization of two *Steinernema scapterisci* populations \(Nemata, Steinernematidae\) using morphology and random amplified polymorphic DNA markers.](#) *Journal of the Helminthological Society of Washington* 62: 242-249.
25. **Gardner, S.L.**; Hugot, J.-P. 1995. [A new pinworm, *Didelphoxyuris thylamisis* n. gen., n. sp. \(Nematoda: Oxyurida\) from *Thylamis elegans* \(Waterhouse, 1839\) \(Marsupiala: Didelphidae\) in Bolivia.](#) *Research and Reviews in Parasitology* 55: 139-147.
26. Hugot, J.-P.; **Gardner, S.L.** 1996. [The Enterobiinae subfam. nov. \(Nematoda, Oxyurida\) pinworm parasites of primates and rodents.](#) *International Journal for Parasitology* 26: 147-159.
27. **Gardner, S.L.** 1996. [Essential techniques for collection of parasites during surveys of mammals.](#) In: *Measuring and Monitoring Biological Diversity—Standard Methods for Mammals*. Wilson, D.; Cole, R.; Nichols, J.D.; Rudran, R.; Foster, M., eds. Smithsonian Institution Press: Washington, DC, p. 291-298.
28. Al-Banna, L.; **Gardner, S.L.** 1996. [Nematode diversity of native species of *Vitis* in California.](#) *Canadian Journal of Zoology* 74: 971-982.
29. Stock, S.P.; Strong, D.; **Gardner, S.L.** 1996. [Identification of *Heterorhabditis* \(Nematoda, Heterorhabditidae\) from California with a new species isolated from the larvae of the ghost moth *Hepialis californicus* \(Lepidoptera, Hepialidae\) from the Bodega Bay Biological Reserve.](#) *Fundamental and Applied Nematology* 19: 585-592.
30. Morand, S.; Legendre, P.; **Gardner, S.L.**; Hugot, J.-P. 1996. [Body size evolution of oxyurid \(nematoda\) parasites—the role of hosts.](#) *Oecologia* 107: 274-282.

31. Al-Banna, L.; Williamson, V.M.; **Gardner, S.L.** 1997. [Phylogenetic analysis of nematodes of the genus *Pratylenchus* using nuclear 26S rDNA](#). *Molecular Phylogenetics and Evolution* 7: 94-102.
32. Brant, S.V.; **Gardner, S.L.** 1997. [Two new species of *Litomosoides* \(Nemata: Onchocercidae\) from *Ctenomys opimus* \(Rodentia: Ctenomyidae\) from the Altiplano of Bolivia](#). *Journal of Parasitology* 83: 700-705.
33. Hoberg, E.P.; **Gardner, S.L.**; Campbell, R.A. 1997. [Paradigm shifts and tapeworm systematics](#). *Parasitology Today* 13: 161-162.
34. Hecksher, S.K.; Wickesberg, B.A.; Duszynski, D.W.; **Gardner, S.L.** 1999. [Three new species of *Eimeria* \(Apicomplexa: Eimeriidae\) from Bolivian marsupials \(Didelphiomorpha: Didelphidae\)](#). *International Journal for Parasitology* 29: 275-284.
35. Hoberg, E.P.; **Gardner, S.L.**; Campbell, R.A. 1999. [Systematics of the Eucestoda: advances toward a new phylogenetic paradigm, and observations on the early diversification of tapeworms and vertebrates](#). *Systematic Parasitology* 42: 1-12.
36. Hugot, J.-P.; Reinhard, K.J.; **Gardner, S.L.**; Moran, S. 1999. [Human enterobiasis in evolution: origin, specificity, and transmission](#). *Parasite* 6: 210-208.
37. Bartel, M.H.; **Gardner, S.L.** 2000. [Arthropod and helminth parasites from the Plains pocket gopher, *Geomys bursarius bursarius* from the hosts' northern boundary range in Minnesota](#). *Journal of Parasitology* 86: 153-156.
38. Hoberg, E.P.; Jones, A.; Rausch, R.L.; Eom, K.S.; Gardner, S.L. 2000. [A phylogenetic hypothesis for species of the genus *Taenia* \(Eucestoda: Taeniidae\)](#). *Journal of Parasitology* 86: 89-98.
39. Hugot, J.-P.; **Gardner, S.L.** 2000. [Helminthoxys abrocomae n. sp. \(Nematoda: Oxyurida\) from *Abrocoma cinerea* in Bolivia](#). *Systematic Parasitology* 47: 223-230.
40. Brant, S.V.; **Gardner, S.L.** 2000. [Phylogeny of species of the genus *Litomosoides* \(Nemata: Onchocercidae\), evidence of rampant host-switching](#). *Journal of Parasitology* 83: 545-554.
41. Pérez-Ponce de León, G.; **Gardner, S.L.**; Falcón-Ordaz, J. 2000. [Phylogenetic relationships among species of the genus *Stilestongylus* Freitas, Lend and Almeida, 1937 \(Trichostrongyloidea: Heligmonellidae: Nippostrongylinae\), parasites of myomorph rodents \(Rodentia: Muridae\) in the neotropics](#). *Journal of Parasitology* 86: 1,326-1,335.
42. **Gardner, S.L.** 2000. [Worms, Nematoda](#). pp. 843-862. In: *Encyclopedia of Biodiversity*, Levin, S.A., ed. Academic Press, San Diego, CA.
43. Falcón-Ordaz, J.; **Gardner, S.L.**; Pérez-Ponce de León, G. 2001. [Vexillata liomyos n. sp. \(Nemata: Ornithostrongylidae\) from *Liomys pictus* \(Rodentia: Heteromyidae\) from Mexico, with comments on the synopse of *Vexillata armandae*](#). *Journal of Parasitology* 87: 656-659.
44. **Gardner, S.L.**; Anderson, S. 2001. [Persistent fontanelles in rodent skulls](#). *American Museum Novitates* 3327: 1-15.
45. **Gardner, S.L.**; Pérez-Ponce de León, G. 2002. [Yungasicola travassosi gen. n., sp. n. \(Digenea: Dicrocoeliidae: Eurytrematinae\) from two species of grass mice of the genus *Akodon* Meyen \(Rodentia: Muridae\) from the Yungas of Bolivia](#). *Comparative Parasitology* 69: 51-57.
46. **Gardner, S.L.** 2002. [Book review: "Interrelationships of the platyhelminthes."](#) *Systematic Biology* 51: 192-194.
47. Garcia-Varela, M.; Cummings, M.P.; Pérez-Ponce de León, G.; **Gardner, S.L.**; Lactette, J.P. 2002. [Phylogenetic analysis based on 18S ribosomal RNA gene sequences supports the existence of class Polyacanthocephala \(Acanthocephala\)](#). *Molecular Phylogenetics and Evolution* 23: 288-292.
48. Guerro, R.; Martin, C.; **Gardner, S.L.**; Bain, O. 2002. [New and known species of *Litomosoides* \(Nematoda: Filaroidea\): important adult and larval characters and taxonomic changes](#). *Comparative Parasitology* 69: 177-195.
49. Tinnin, D.S.; Dunnum, J.L.; Salazar-Bravo, J.; Batsaikhan, N.; Burt, M.S.; **Gardner, S.L.**; Yates, T.L. 2002. [Contributions to the mammalogy of Mongolia, with a checklist of species for the country](#). *Occasional Papers of the Museum of Southwestern Biology* No. 6, pp. 1-38.
50. Jiménez-Ruiz, F.A.; **Gardner, S.L.** 2003. [The nematode fauna of long-nosed mice *Oxymycterus* spp. from the Bolivian Yungas](#). *Journal of Parasitology* 89: 299-308.
51. Jiménez-Ruiz, F.A.; **Gardner, S.L.** 2003. [Aspidoderid nematodes from Bolivian armadillos, with the description of a new species of *Lauroia* \(Heterakoidea: Aspidoderidae\)](#). *Journal of Parasitology* 89: 978-983.
52. Campbell, M.L.; **Gardner, S.L.**; Navone, G. 2003. [A new species of *Mathevotaenia* \(Cestoda: Anoplocephalidae\) and other tapeworms from marsupials in Argentina](#). *Journal of Parasitology* 89: 1,181-1,185.

53. Casiraghi, M.; Bain, O.; Guerrero, R.; Martin, C.; Pocacqua, V.; **Gardner, S.L.**; Francheschi, A.; Bandi, C. 2004. [Mapping the presence of *Wolbachia pipientis* on the phylogeny of filarial nematodes: evidence for symbiont loss during evolution](#). *International Journal for Parasitology* 34: 191-203.
54. Georgiev, B.; **Gardner, S.L.** 2004. [Cestodes of the genus *Cinclotaenia* Macy, 1973 \(Dilepididae\) from *Cinclus leucocephalus* Tschudi \(Passeriformes, Cinclidae\) in Bolivia](#). *Journal of Parasitology* 90: 1,073-1,084.
55. Jiménez-Ruiz, F.A.; **Gardner, S.L.**, Cervantes, F.A.; Lorenzo, C. 2004. [A new species of *Pelecitus* \(Filarioidea: Onchocercidae\) from the endangered tehuantepec jackrabbit *Lepus flavigularis*](#). *Journal of Parasitology* 90: 803-807.
56. Radev, V.; **Gardner, S.L.**; Kanev-Stoyanov, I. 2005. [Family Rhopalidae Looss, 1899](#). In: *Keys to the Trematoda*. London: CABI Publishing.
57. Gettinger, D.; **Gardner, S.L.** 2005. [Bolivian ectoparasites: A new species of laelapine mite \(Acari : Parasitiformes, Laelapidae\) from the rodent *Neacomys spinosus*](#). *Journal of Parasitology* 91: 49-52.
58. **Gardner, S.L.**; Takahashi, K.; Asakawa, M.; Ruedas, L.A. 2005. [Preface for: Exploration of the recent epidemiology and ecology of wildlife diseases and zoonoses](#). *Mammal Study* 30: 65.
59. **Gardner, S.L.**; Takahashi, K.; Asakawa, M.; Ruedas, L.A. 2005. Primary editor for papers in: Exploration of the recent epidemiology and ecology of wildlife diseases and zoonoses. *Mammal Study* 30: S65-S110.
60. **Gardner, S.L.**; Asakawa, M.; Ruedas, L.A.; Takahashi, K. 2005. [Increasing interest in parasitology at the past three International Mammalogical Congresses held in 1997, 2001 and 2005: Mammals, Parasites, Zoonoses, and Biodiversity](#). *Mammal Study* 30: S107-S110.
61. **Gardner, S.L.**; Von Essen, S.; Berger, J.; Hjelle, B. 2005. [Low seroprevalence among farmers from Nebraska and vicinity suggests low level of human exposure to sin nombre virus](#). *Journal of Agromedicine* 10: 59-61.
62. Dronen, N.O.; Jiménez-Ruiz, F.A.; **Gardner, S.L.** 2006. [Selfcoelum limnodromi n. gen., n. sp. \(Digenea: Cyclocoelidae: Cyclocoelinae\) from the long-billed dowitcher, *Limnodromus scolopaceus* \(Charadriiformes: Scolopacidae\) from Oklahoma, USA](#). *Zootaxa* 1131: 49-58.
63. Dronen, N.O.; Jiménez-Ruiz, F.A.; **Gardner, S.L.** 2006. [Haematotrephus limnodromi n. sp. \(Digenea: Cyclocoelidae\) from the long-billed dowitcher, *Limnodromus scolopaceus* \(Scolopacidae\) from the central flyway of North America](#). *Zootaxa* 1153: 51-61.
64. **Gardner, S.L.**; Thew, P. 2006. [Cryptocotyle thapari McIntosh, 1953 \(Trematoda: Heterophyidae\) from the river otter, *Lutra longicaudis enudris*, in the Beni of Bolivia](#). *Comparative Parasitology* 73: 20-23.
65. Jiménez-Ruiz, F.A.; **Gardner, S.L.**; Varela-Stokes, A.S. 2006. [Aspidoderidae from North America, with the description of a new species of *Aspidodera* \(Nematoda: Heterakoidea\)](#). *Journal of Parasitology* 92: 847-854.
66. Falcón-Ordaz, J.; Guzman-Cornejo, C.; Garcia-Prieto, L.; **Gardner, S.L.** 2006. [Tadaridanema delicatus \(Schwartz, 1927\) n. gen., n. comb. \(Trichostrongylina: Molineidae\) parasite of Molossidae bats](#). *Journal of Parasitology* 92: 1,035-1,042.
67. Asakawa, M.; **Gardner, S.L.**; Mano, T. 2006. [First record of *Ancylostoma malayanum* \(Alessandrini, 1905\) from brown bears \(*Ursus arctos* L.\)](#). *Comparative Parasitology* 73: 282-284.
68. Asakawa, M.; **Gardner, S.L.**; Sasaki, H.; Ohtaishi, N. 2006. [The voucher specimens served to document the existence of host-parasite relationship between vertebrates and its associated parasites at a certain geographic locality at a specific date in Rakuno Gakuen University](#). *Journal of Rakuno Gakuen University Natural Science* 30: 215-219.
69. Notarincola, J.; Jiménez-Ruiz, F.A.; **Gardner, S.L.** 2007. [A new species of *Dipetalonema* \(Filarioidea: Onchocercidae\) from *Ateles chamek* from the Beni of Bolivia](#). *Journal of Parasitology* 93: 661-667.
70. Ganzorig, S.; Oku, Y.; **Gardner, S.L.**; Kamiya, M. 2007. [Multiplication of ovaries in *Ctenotaenia marmotae* \(Frolich, 1802\) \(Cestoda: Anoplocephalidae\)](#). *Comparative Parasitology* 74: 151-153.
71. Hwang, Y.-T.; **Gardner, S.L.**; Millar, J.S. 2007. [Hymenolepis horrida \(Cestoda: Hymenolepididae\) and *Catenotaenia peromysci* \(Cestoda: Anoplocephalidae\) in voles from the Canadian Rockies](#). *Comparative Parasitology* 74: 160-163.
72. Dick, C.; Gettinger, D.; **Gardner, S.L.** 2007. [Bolivian ectoparasites: Geographic and host records from the Bolivian mammal biodiversity survey](#). *Comparative Parasitology* 74: 372-377.
73. Dronen, N.O.; **Gardner, S.L.**; Jiménez-Ruiz, F.A. 2007. [Stictodora cablei n. sp. \(Digenea: Heterophyidae\) from the royal tern, *Sterna maxima* \(Laridae: Sterninae\) from Puerto Rico and the Brazos County area of the Texas Gulf coast, U.S.A.](#) *Zootaxa* 1432: 35-56.
74. Malik, J.; Samal, A.; **Gardner, S.L.** 2007. [A content based pattern analysis system for a biological specimen collection](#). *Data Mining Workshops, 2007. ICDM Workshops 2007*.

75. Tinnin, D.S.; **Gardner, S.L.**; Ganzorig, S. 2008. [Helminths of small mammals \(Chiroptera, Insectivora, Lagomorpha\) from Mongolia with a description of a new species of *Schizorchis* \(Cestoda: Anoplocephalidae\)](#). *Comparative Parasitology* 75: 107-114.
76. Jiménez-Ruiz, F.A.; **Gardner, S.L.**; Noronha, D.; Pinto, R.M. 2008. [The systematic position of Lauroiinae Skrjabin and Schikhobalova, 1951 \(Nemata: Heterakoidea: Aspidoderidae\), as revealed by the analysis of traits used in its diagnosis](#). *Cladistics* 24: 459-476.
77. Araújo, A.; Reinhard, K.J.; Ruiz, K.; **Gardner, S.L.** 2008. [Parasites as probes for prehistoric human migrations?](#) *Trends in Parasitology* 24: 102-116.
78. Johnson, K.L.; Reinhard, K.J.; Sianto, L.; Araújo, A.; **Gardner, S.L.**; Janovy, J.J. 2008. [A tick from a prehistoric Arizona coprolite](#). *Journal of Parasitology* 94: 296-298.
79. Haverkost, T.R.; **Gardner, S.L.** 2008. [A review of species in the genus *Rhopalias* \(Rudolphi, 1819\)](#). *Journal of Parasitology* 94: 296-298.
80. Jiménez-Ruiz, F.A.; Braun, J.K.; Campbell, M.L.; **Gardner, S.L.** 2008. [Endoparasites of fat-tailed mouse opossums \(*Thylamys*: Didelphidae\) from northwestern Argentina and southern Bolivia, with the description of a new species of tapeworm](#). *Journal of Parasitology* 94: 1,098-1,102.
81. Meduri, R.; Samal, A.; **Gardner, S.L.** 2008. [Worm-Web search: a content-based image retrieval \(CBIR\) system for the parasite image collection in the Harold W. Manter Laboratory of Parasitology, University of Nebraska State Museum](#). *Museology* 11: 1-16.
82. Dronen, N.O.; **Gardner, S.L.**; Jiménez-Ruiz, F.A. 2008. [Two cyclocoelids from the lesser yellowlegs, *Tringa flavipes* \(Scolopacidae\), from the central flyway of North America, including the description of *Haematotrephus selfi* n. sp. \(Digenea: Cyclocoelidae\)](#). *Comparative Parasitology* 75: 1-11.
83. Haverkost, T.R.; **Gardner, S.L.** 2009. [A new species of *Lentiella* \(Cestoda: Anoplocephalidae\) from *Proechimys simonsi* \(Rodentia: Echimyidae\) in Bolivia](#). *Revista Mexicana de Biodiversidad* 79: 99S-106S.
84. **Gardner, S.L.**; Whitaker, J. 2009. Endoparasites of bats. In: *Bats in Captivity*, Bernard, S. (ed.) Vol. 1. Krieger Publishing Company.
85. **Gardner, S.L.**; Jiménez-Ruiz, F.A. 2009. [Methods of endoparasite analysis](#). In: Kunz, T.; Parsons, S. (eds.). *Ecological and Behavioral Methods for the Study of Bats*. Johns Hopkins University Press, pp. 795-805.
86. Hwang, Y.T.; **Gardner, S.L.**; Millar, J.S. 2009. [Responses of endoparasites in red-backed voles \(*Myodes gapperi*\) to natural forest fires](#). *Journal of Wildlife Diseases* 46: 146-151.
87. **Gardner, S.L.**; Seggerman, N.A.; Batsaikhan, N.; Sumiya, G.; Tinnin, D.S.; Duszynski, D.W. 2009. [Coccidia \(Apicomplexa: Eimeriidae\) from the lagomorph *Lepus tolai* in Mongolia](#). *Journal of Parasitology* 95: 1,451-1,454.
88. Mallik, J.; Samal, A.; **Gardner, S.L.** 2010. A content based image retrieval system for a biological specimen collection. *Computer Vision and Image Understanding* 114: 745-757.
89. Haverkost, T.R.; **Gardner, S.L.** 2010. [New species in the genus *Monoecocestus* \(Cestoda: Anoplocephalidae\) from Neotropical rodents \(Caviidae and Sigmodontinae\)](#). *Journal of Parasitology* 96: 580-595.
90. Haverkost, T.R.; **Gardner, S.L.**; Peterson, A.T. 2010. [Predicting the distribution of a parasite using the ecological niche model, GARP](#). *Revista Mexicana de Biodiversidad* 81: 895-902.
91. Haverkost, T.R.; **Gardner, S.L.** 2010. [Two new species of *Andrya* \(Cestoda Anoplocephalidae\) from Sigmodontine rodents in the Neotropics](#). *Comparative Parasitology* 77: 145-153.
92. Notarnicola, J.; Jiménez-Ruiz, F.A.; **Gardner, S.L.** 2010. [Litomosoides \(Nemata: Filarioidea\) of bats from Bolivia with records for 3 known species and the description of a new species](#). *Journal of Parasitology* 96: 775-782.
93. Bhatia, S.K.; Samal, A.; Seri, V.; **Gardner, S.L.** 2011. Stitching algorithms for biological specimen images. *International Journal of Computational Vision and Robotics* 2: 1-17.
94. Gettinger, D.; Martins-Hatano, F.; **Gardner, S.L.** 2011. Some laelapine mites (Acari: laelapidae) ectoparasitic on small mammals in the Galapagos Islands, including a new species of *Gigantolaelaps* from *Aegialomys galapagoensis*. *Journal of Parasitology* 97: 574-576.
95. Tinnin, D.S.; Ganzorig, S.; **Gardner, S.L.** 2011. [Helminths of small mammals \(Erinaceomorpha, Soricicomorpha, Chiroptera, Rodentia, and Lagomorpha\) of Mongolia](#). *Special Publications*, Museum of Texas Tech University 59: 1-50.
96. Jiménez-Ruiz, F.A.; Catzefflis, F.; **Gardner, S.L.** 2011. [Structure of parasite component communities of didelphid marsupials: Insights from a comparative study](#). *Journal of Parasitology* 97: 779-787.
97. Fugassa, M.H.; Reinhard, K.J.; Johnson, K.L.; **Gardner, S.L.**; Vieira, M.; Araújo, A. 2011. [Parasitism of prehistoric humans and companion animals from Antelope Cave, Mojave County, northwest Arizona](#). *Journal of Parasitology* 97: 862-867.

98. Araújo, A.; Reinhard, K.J.; **Gardner, S.L.**; Ferreira, L.F. 2011. Parasites as markers of pre-historic human migrations. pp 141-159. In: *Fundamentals of Paleoparasitologia*. Ferreira, L.F.; Reinhard, K.J.; Araújo, A. (eds.). Editora Fiocruz. – Rio de Janeiro, Brazil.
99. Tinnin, D.S.; Ganzorig, S.; **Gardner, S.L.** 2011. [Helminths of squirrels \(Sciuridae\) from Mongolia](#). *Occasional Papers*, Museum of Texas Tech University 303: 1-9.
100. **Gardner, S.L.**; Fisher, R.N.; Barry, S.J. 2012. [Field parasitology techniques for use during reptile surveys](#). *Smithsonian Publications*, University of California Press.
101. Makarikov, A.A.; **Gardner, S.L.**; Hoberg, E.P. 2012. [New species of Arostrilepis \(Eucestoda: Hymenolepididae\) in members of Cricetidae and Geomyidae \(Rodentia\) from the western Nearctic](#). *Journal of Parasitology* 98: 617-626.
102. Morales, E.; Ubelaker, J.E.; **Gardner, S.L.** 2012. [A new genus and species of lungworm \(Nemata: Metastrongyloidea\) from Akodon mollis Thomas, 1894 \(Rodentia: Cricetidae\) in Peru](#). *Journal of Parasitology* 98: 612-616.
103. Jiménez-Ruiz, F.A.; **Gardner, S.L.**; Araújo, A.; Fugassa, M.; Brooks, R.H.; Rácz, S.E.; Reinhard, K.J. 2012. [Zoonotic and human parasites of inhabitants of Cueva de Los Muertos Chiquitos, Rio Zape Valley, Durango, Mexico](#). *Journal of Parasitology* 98: 304-309.
104. Leles, D.; **Gardner, S.L.**; Reinhard, K.J.; Iñiguez, A.; Araújo, A. 2012. [Are Ascaris lumbricoides and Ascaris suum a single species? Parasites and Vectors](#) 5: 42.
105. Dronen, N.O.; Jiménez-Ruiz, F.A.; **Gardner, S.L.** 2012. Details of the paranephridial system of a species of *Prohyptiasmus* (Cyclocoelidae: Hyptiasminae) from the American coot, *Fulica americana* (Rallidae) from Oklahoma, USA. *Journal of Parasitology* 98: 1,026-1,028.
106. Blend, C.K.; Dronen, N.O.; **Gardner, S.L.** 2012. [The deep-sea fish digenean genus Tellervotrema Gibson & Bray, 1982 \(Opecoelidae: Plagioporinae\): Re-evaluation of the type species, T. armstrongi Gibson & Bray, 1982 and T. beringi \(Mamaev, 1965\)](#). *Zootaxa* 3295: 1-29.
107. Jiménez-Ruiz, F.A.; **Gardner, S.L.**; Navone, G.; Ortí, G. 2012. [Four events of host-switching in Aspidoderidae \(Nematoda\) involve convergent lineages of mammals](#). *Journal of Parasitology* 98: 1,166-1,175.
108. Notarnicola, J.; Jiménez-Ruiz, F.A.; **Gardner, S.L.** 2012. [A new species of Molinema \(Nemata: Onchocercidae\) in Bolivian rodents and emended description of Litomosoides esslingeri Bain, Petit and Diagne, 1989](#). *Journal of Parasitology* 98: 1,200-1,208.
109. Kiefer, D.; Stubbe, M.; Stubbe, A.; **Gardner, S.L.**; Tserenorov, R.; Samiya R.; Otgonbaatar, D.; Sumiya, D.; Kiefer, M.S. 2012. Siphonaptera of Mongolia and Tuva: Results of the Mongolian German Biological Expeditions since 1962 - years 1999-2003. *Erforschung Biologischer Ressourcen Der Mongolei (Halle/Saale)* 12: 153-168.
110. Tinnin, D.S.; Jensen, E.; **Gardner, S.L.** 2012. Coccidia (Apicomplexa: Eimeriidae) from *Vespertilio murinus* and *Eptesicus gobiensis* (Chiroptera: Vespertilionidae) in Mongolia and how many species of Coccidia occur in bats? *Erforschung Biologischer Ressourcen Der Mongolei (Halle/Saale)* 12: 117-124.
111. Tinnin, D.S.; Jensen, E.; **Gardner, S.L.** 2012. New species of *Eimeria* (Apicomplexa: Eimeriidae) from *Ochotona hyperborea* and *Ochotona pallasi* (Lagomorpha, Ochotonidae) in Mongolia. *Erforschung Biologischer Ressourcen Der Mongolei (Halle/Saale)* 12: 125-134.
112. Jiménez, F.A.; Carreno, R.A.; **Gardner, S.L.** 2013. *Aspidodera kinsellai* n. sp. (Nematoda: Heterakoidea) from nine-banded armadillos in middle America with notes on phylogeny and host-parasite biogeography. *Journal of Parasitology* 99: 1,056-1,061.
113. **Gardner, S.L.**; Jiménez-Ruiz, F.A.; Campbell, M.L. 2013. [Pritchardia boliviensis n. gen., n. sp. \(Anoplocephalidae: Linstowinae\), a tapeworm from opossums \(Didelphidae\) in the Yungas and lowlands of Bolivia and Atlantic Forest of Paraguay](#). *Occasional Papers*, Museum of Texas Tech University 319:1-8.
114. Vasconcelos-Melo, F.T.; Costa, P.A.F.B.; Giese, E.G.; **Gardner, S.L.**; Santos, J.N. 2013. [A description of Neoechinorhynchus \(Neoechinorhynchus\) veropesoi n. sp. \(Acanthocephala: Neoechinorhynchidae\) from the intestine of the silver croaker fish, Plagioscion squamosissimus \(Heckel, 1840\) \(Osteichthyes: Sciaenidae\) off the east coast of Brazil](#). *Journal of Helminthology* 1-8.
115. **Gardner, S.L.**; Dursahinhan, A.T.; Rácz, G.R.; Batsaikhan, N.; Ganzorig, S.; Tinnin, D.S.; Damdinbazar, D.; Wood, C.; Peterson, A.T.; Alandia, E.; Mollericon, J.L.; Salazar-Bravo, J. 2013. [Sylvatic species of Echinococcus from rodent intermediate hosts in Asia and South America](#). *Occasional Papers*, Museum of Texas Tech University 318:1-13.
116. **Gardner, S.L.** 2013. Worms, Nematoda. In: *Encyclopedia of Biodiversity* (2nd edition), pp. 420-423.
117. Pucu, E.; Lareschi, M.; **Gardner, S.L.** 2014. Bolivian ectoparasites: A survey of the fleas of *Ctenomys* (Rodentia: Ctenomyidae). *Comparative Parasitology* 81: 114-118.
118. **Gardner, S.L.**; Salazar-Bravo, J.; Cook, J.A. 2014. [New species of Ctenomys \(Rodentia: Ctenomyidae\)](#)

- [from the lowlands and central valleys of Bolivia](#). *Special Publication*, Museum of Texas Tech University 62: 1-34.
119. **Gardner, S.L.**; Luedders, B.; Duszynski, D.W. 2014. [Hymenolepis robertrauschi n. sp. from grasshopper mice Onychomys spp. in New Mexico and Nebraska, U.S.A.](#) *Occasional Papers*, Museum of Texas Tech University 322: 1-10.
 120. Brooks, D.R.; Hoberg, E.P.; Boeger, W.A.; **Gardner, S.L.**; Galbreath, K.L.; Herczeg, D.; Hejia-Madrid, H.H.; Racs, S.E.; Dursahinhan, A.T. 2014. [Finding them before they find us: Informatics, parasites, and environments in accelerating climate change](#). *Comparative Parasitology* 81: 155-164.
 121. Richardson, D.J.; **Gardner, S.L.**; Allen, J.W. 2014. Redescription of *Oligacanthorhynchus microcephalus* (Rudolphi, 1819) Schmidt 1972 (syn. *Oligacanthorhynchus tortuosa* (Leidy, 1850) Schmidt 1972) (Acanthocephala: Oligacanthorhynchidae). *Comparative Parasitology* 81: 53-60.
 122. Melo, F.T.V.; Rodrigues, R.A.R.; Giese, E.G.; **Gardner, S.L.**; Santos, J.N. 2014. Histopathologic aspects in *Plagioscion squamosissimus* (HECKEL, 1940) induced by *Neoechinorhynchus veropesoi*, metacestodes and anisakidae juveniles. *Revista Brasileira de Parasitologia Veterinária* 23: 224-230.
 123. **Gardner, S.L.** 2014. [Turning occupation into opportunity](#). *BioScience* 64: 252-253.
 124. Hugot, J.-P.; **Gardner, S.L.**; Borba, V.; Araújo, P.; Leles, D.; Da-Rosa, Á.; Dutra, J.; Ferreira, L.; Ferreira, F.; Araújo, A. 2014. [Discovery of a 240 million year old oxyurid nematode parasite egg sheds light on the early origin of nematode parasitism in vertebrates](#). *Parasites & Vectors*. 7: 486.
 125. Toledo, R.; Radev, V.; Kanev, I.; **Gardner, S.L.**; Fried, B. 2014. History of Echinostomes (Trematoda). *Acta Parasitologica*. 59: 553-565.
 126. Jensen, E.; Batsaikhan, N.; **Gardner, S.L.** 2015. Coccidia (Apicomplexa: Eimeriidae) infecting gerbils from Mongolia with descriptions of four new species of *Eimeria*. *Comparative Parasitology*. 82:68-80.
 127. Gettinger, D.; **Gardner, S.L.** 2015. A new laelapine mite (Acari: Mesostigmata: Laelapidae) associated with the spiny rodent, *Scolomys melanops*, in Amazonian Peru. *Comparative Parasitology*. 82: 81-84.
 128. Gettinger, D.; **Gardner, S.L.** 2015. A new species of laelapine mite (Acari: Mesostigmata: Laelapidae) from *Delomys*, an endemic rodent from the southeastern Atlantic Forest Region. *Comparative Parasitology*. 82: 244-247.
 129. Monks, S.; Pulido-Flores, G.; **Gardner, S.L.** 2015. Emendation of *Glyphobothrium* and *Glyphobothrium zwernerii* (Tetraphyllidea) collected from *Rhinoptera bonasus* (Rajiformes: Myliobatidae) in Campeche, México, with details of the bothridial suckers. *Occasional Papers*, Museum of Texas Tech University.
 130. Thomas, K.; **Gardner, S.L.** 2015.
 131. Tufts, D.M.; Batsaikhan, N.; Lai, A.; **Gardner, S.L.** (in Review) Geographic and morphometric relationships among larval *Taenia* from Mongolian mammals. *Erforschung Biologischer Ressourcen Der Mongolei (Halle/Saale)* 13:

OTHER PUBLICATIONS

1. McGuire, P.E.; Warburton, M.L.; Kimsey, L.S.; **Gardner, S.L.** 1992. [Biological collections at the University of California: Scope, status, and needs](#). Report No. 9. University of California Genetic Resources Conservation Program, Davis, CA.
2. **Gardner, S.L.** 1992. [Gerald D. Schmidt from the perspective of a graduate student](#). *Journal of Parasitology* 78: 596-600.
3. **Gardner, S.L.**; Ubelaker, J.E. 1992. [Profile: Gerald D. Schmidt](#). *Systematic Parasitology* 23: 233-234.
4. McGuire, P.E.; Kimsey, L.S.; **Gardner, S.L.** (eds.). 1993. [Management of university biological collections: a framework for policy and practice](#). Report No. 11. University of California Genetic Resources Conservation Program, Davis, CA.
5. **Gardner, S.L.** 1997. Biodiversity and emerging infections. *McGraw Hill Yearbook of Science and Technology*, p. 124-125.
6. **Gardner, S.L.** 1998. The world of parasites: A view from the Manter Laboratory of Parasitology. *Museum Notes*, University of Nebraska State Museum. Ratcliffe, B.C. (ed.). 101: 4 p.
7. Mayberry, L.F.; Canaris, A.G.; Bristol, J.R.; **Gardner, S.L.** 2000. [Bibliography of parasites and hosts in Arizona, New Mexico and Texas \(1893-1984\)](#). Harold W. Manter Laboratory of Parasitology, HWML-WWW, 1: no. 1. 100 pp.

8. Canaris, A.G.; **Gardner, S.L.** 2003. [Bibliography of helminth species described from African vertebrates 1800-1967](#). Harold W. Manter Laboratory of Parasitology, HWML-WWW, 1: no. 2. 100 p.
9. Maggenti, A.R.; Maggenti, M.A.; **Gardner, S.L.** 2005. [Dictionary of Invertebrate Zoology](#). University of Nebraska-Lincoln, Digital Commons. 976 pp.
10. **Gardner, S.L.** 2005. [Introduction of Gerardo Pérez-Ponce de León, the 2005 Henry Baldwin Ward Medalist](#). *Journal of Parasitology* 91: 1,259.

PRESENTATIONS

INVITED PAPERS, SEMINARS, SYMPOSIA

- 1987 From Tarija to San Borja: Questing for parasites in Bolivia. Banquet address at the annual meeting of the Rocky Mountain Conference of Parasitologists. University of Northern Colorado. Greeley, CO
- 1988 Phyletic coevolution between parasitic nematodes and their ctenomyid hosts in Bolivia. Department of Zoology, Colorado State University. Fort Collins, CO
- 1989 Coevolutionary phylaxis between aspidoderid nematodes and ctenomyid rodents in Bolivia. Department of Biology, Portland State University. Portland, OR
- 1989 Phyletic coevolution of parasitic nematodes and their Neotropical hosts. Invited seminar. Department of Nematology, University of California. Davis, CA
- 1989 Coevolutionary relationships among Neotropical aspidoderid nematodes and tuco tucos. Department of Biology, University of Texas. El Paso, TX
- 1989 Phyletic evolution among hosts and parasites. Department of Biology, Emporia State University. Emporia, KS
- 1990 Phyletic coevolution between burrowing rodents and their nematode parasites. Invited speaker. Symposium on Host-Parasite Coevolution, Annual Meeting of the American Association for the Advancement of Science, Southwest and Rocky Mountain Division. Colorado Springs, CO
- 1991 Coevolution, zoogeography, and historical ecology of endoparasites of ancient rodents and marsupials in the central Neotropics. Symposium on Host Parasite Coevolution and Biogeography. Annual Meeting, American Society of Parasitologists. Madison, WI
- 1991 Host-parasite phyletic coevolution. Northern California Association of Parasitologists Annual Fall Meeting. University of California. San Francisco, CA
- 1992 Phyletic coevolution of subterranean rodents and their nematode parasites in the southern Neotropics. National Museum of Natural History. Paris, France
- 1993 Parasitology and coevolution in the Neotropics. University of Nebraska State Museum and the School of Biological Sciences, University of Nebraska. Lincoln, NE
- 1994 Parasitology and Mammalogy—Synthesis and joining disciplines. Department of Biology, University of New Mexico. Albuquerque, NM
- 1996 Parasites as probes for biodiversity. Bodega Bay Marine Laboratory, University of California
- 1996 Current research in the Manter Laboratory of Parasitology, University of Nebraska State Museum. Fall Semester. University of Nebraska-Lincoln Seminar Series in Biological Sciences. Lincoln, NE
- 1997 Parasites as probes for biological diversity. University of Nebraska-Omaha. Omaha, NE
- 1997 Parasites and biological diversity. Department of Biological Sciences, Carleton College. Northfield, MN
- 1998 Bringing parasites into the classroom, enhancing the continuum of biology. Annual Meeting of the American Society of Parasitologists. Nashville, TN
- 1998 Parasitology and the mammals of Bolivia. Presentation to the Ministry of Health of the Bolivian Government. La Paz, Bolivia
- 2001 Co-Convenor of symposium: Mammal-parasite coevolution and zoonoses. 8th International Theriological Congress. Sun City, South Africa
- 2001 Parasite biodiversity: Patterns of distribution of parasites and mammals. Departments of Fisheries and Wildlife and Biology, Texas A&M University. College Station, TX
- 2004 The importance of communicating with the public and the administration in natural history museums. Natural Science Collections Alliance, Smithsonian Institution. Washington, DC
- 2005 New uses for biological collections. Invited speaker. Annual Meeting, Natural Science Collections Alliance. Santa Barbara, CA
- 2005 Parasite biodiversity. Department of Biology, Texas Tech University. Lubbock, Texas
- 2005 Primary symposium organizers (Gardner, S.L.; Ruedas, L.A.; Asakawa, M.; Takahashi, K.): S18: Mammal Parasite Biodiversity: Aspects of disease, diversity, and coevolution of host-parasite assemblages. 9th International Mammalogical Congress (IMC9). 2 August 2005.

- 2006 Mammal / Parasite Biodiversity. Environmental Studies Capstone Course Seminar. Student Union Building, University of Nebraska-Lincoln. 13 April 2006.
- 2006 Parasites of mammals: Phylogeny and biodiversity. Systematic Biology and Biodiversity Inventories Cluster, Division of Environmental Biology, National Science Foundation. Washington, DC
- 2006 Parasites of mammals: Phylogeny and biodiversity. Mini Conference and Plenary Speech. 1st South American Congress of Mammalogy. Gramado, Brazil. 5-8 October 2006.
- 2006 Parasitología en la Mastozoología sudamericana: su potencialidad para explicar nuevos interrogantes. Round Table Participant. 1st South American Congress of Mammalogy. Gramado, Brazil. 5-8 October 2006.
- 2008 Parasites of mammals: Phylogeny and biodiversity. Invited presentation. Instituto do Oswaldo Cruz. Rio de Janeiro, Brazil. 24 September 2008.
- 2008 Integrating parasite biodiversity and collections databases at the Instituto Oswaldo Cruz and the Harold W. Manter Laboratory of Parasitology. Invited presentation. 2nd National Symposium on Biological Collections, Instituto do Oswaldo Cruz. Rio de Janeiro, Brazil. 23 September 2008.
- 2009 Parasite biodiversity: A global perspective. Invited seminar. American Center for Mongolian Studies, National University of Mongolia. Ulaanbaatar, Mongolia. 28 May 2009.
- 2009 Mammal-parasite biodiversity in the Neotropics. Invited seminar. National University of La Plata. La Plata, Argentina. 18 August 2009.
- 2009 Parasite-mammal biodiversity: Why bother collecting museum specimens? Invited plenary talk. Central Plains Mammal Meeting. Emporia, Kansas. 10 October 2009.
- 2009 Parasitology in the Neotropics. Invited seminar. Universidad Autónoma del Estado de Hidalgo (UAEH) Centro de Investigaciones Biológicas (CIB). Pachuca, Hidalgo, Mexico. 27 October 2009.
- 2010 Invited lecture on status of biological collections in the USA. National Science Foundation, Washington, DC. 17 December 2010.
- 2011 Biodiversidad de parásitos en mamíferos de Bolivia: Viejas interrogantes y nuevas respuestas. Invited plenary lecture. 5th Bolivian Congress of Mammalogy (VCMB). La Paz, Bolivia. 18-20 May 2011.
- 2012 Global parasite biodiversity surveys: Discoveries of deep ecological patterns via parasite-mammal field collections. Invited lecture. Ulaanbaatar, Mongolia. 1 October 2012.
- 2013 Biodiversity of pathogenic cestodes: *Echinococcus*. Invited lecture. College of Public Health, University of Nebraska Medical Center. Omaha, NE. 11 February 2013.

PRESENTATIONS AT MEETINGS

- 1980 **Gardner, S.L.** Some parasites of the Camas pocket gopher, *Thomomys bulbivorus*. Annual meeting of the Pacific Northwest Bird and Mammal Society. Bend, OR
- 1982 **Gardner, S.L.** Endoparasites of *Thomomys bulbivorus* (Richardson) (Rodentia: Geomyidae) a gopher endemic to the Willamette Valley of Oregon. Annual meeting, Rocky Mountain Conference of Parasitologists. Pocatello, ID
- 1983 **Gardner, S.L.**; Schmidt, G.D. Endoparasites of pocket gophers from western North America. Annual meeting, Rocky Mountain Conference of Parasitologists. Grand Junction, CO
- 1983 **Gardner, S.L.**; Schmidt, G.D. Systematics and ecology of helminth parasites of pocket gophers of western North America. Annual meeting, American Society of Parasitologists. San Antonio, TX
- 1984 **Gardner, S.L.** Evolution of tapeworms of the genus *Hymenolepis* in their rodent hosts. Annual meeting, Southwestern Association of Parasitologists. Lake Texoma, OK
- 1985 **Gardner, S.L.** Coevolution of nematodes and their rodent hosts. Annual meeting, Southwestern Association of Parasitologists. Lake Texoma, OK
- 1986 **Gardner, S.L.** Helminth parasites of mammals of Bolivia. Annual meeting, American Society of Parasitologists. Denver, CO
- 1987 **Gardner, S.L.** Zoogeography of helminth parasites from rodents of the genus *Ctenomys* in Bolivia. Annual meeting, Southwestern Association of Parasitologists. Lake Texoma, OK
- 1987 **Gardner, S.L.**; Campbell, M.L. Additional data on parasites of mammals of Bolivia: Zoogeography of parasites and hosts. Annual meeting, American Society of Parasitologists. Lincoln, NE
- 1988 Campbell, M.L.; **Gardner, S.L.** Helminth parasites of Bolivian marsupials: Distribution and ecology. Annual meeting, Southwestern Association of Parasitologists. Lake Texoma, OK
- 1988 Lambert, C.R.; **Gardner, S.L.**; Duszynski, D.W. Coccidia from the fossorial rodent *Ctenomys opimus* Wagner (Ctenomyidae) from Bolivia, South America. Annual meeting, Southwestern Association of Parasitologists. Lake Texoma, OK
- 1989 Cook, J.A.; **Gardner, S.L.**; Yates, T.L. Phyletic coevolution between rodents and their nematode parasites. Annual meeting, American Society of Mammalogists. Fairbanks, AK

- 1989 **Gardner, S.L.** (in absentia); Cook, J.A.; Yates, T.L. Cophylogeny: A test using Bolivian tuco-tucos (Rodentia: Ctenomyidae) and their nematode parasites. 6th International Theriological Congress. Rome, Italy
- 1989 **Gardner, S.L.** Coevolutionary phylaxis: A test of phylogenetic concordance between aspidoderid nematodes and their rodent hosts. Annual meeting, American Society of Parasitologists. Vancouver, BC, Canada
- 1990 **Gardner, S.L.** Phyletic coevolution between South American hystricognath rodents and their cecal-dwelling nematodes. International Congress of Parasitology-VII. Paris, France
- 1992 **Gardner, S.L.** Using parasites as probes for biodiversity. Spring meeting, Northern California Association of Parasitologists. Asilomar, Pacific Grove, CA
- 1993 **Gardner, S.L.**; Hugot, J.-P. On the monophyletic nature of the Neotropical hystricognath rodents, evidence from their pinworm parasites. Annual meeting, French Society of Systematics. Paris, France
- 1993 **Gardner, S.L.** Host-parasite biodiversity: The interface of Field Parasitology, Systematics, and Mammalogy. Annual meeting, American Society of Parasitologists. Atlanta, GA
- 1995 Hugot, J.-P.; Morand, S.; **Gardner, S.L.** Congres de la Société Française de Parasitologie Session: "Systématique et coévolution hôtes/parasites." Communication: Nouvelle preuve de la parenté étroite des rongeurs hystricognathes, d'après la phylogénie de leurs Oxyures spécifiques (par en collaboration avec Perpignan)
- 1995 **Gardner, S.L.**; Anderson, S. Fenestrated cranium in Bolivian mammals. Annual meeting, American Society of Mammalogists. Burlington, VT
- 1995 **Gardner, S.L.** Phylogeny of insect parasitic nematodes from analysis of 26S rDNA and RAPD's. Annual meeting, American Society of Parasitologists. Pittsburgh, PA
- 1996 **Gardner, S.L.** Spanning continents and oceans: International collaboration and funding in parasitology. Annual meeting, American Society of Parasitologists. Tucson, AZ
- 1997 **Gardner, S.L.**; Anderson, S. Fenestrated cranium in Bolivian mammals. 7th International Theriological Congress. Acapulco, Mexico
- 1997 **Gardner, S.L.**; Anderson, S. Collaboration with the H.W. Manter Laboratory of Parasitology. 7th International Theriological Congress. Acapulco, Mexico
- 1998 **Gardner, S.L.** Coevolution and biodiversity: Mammals and their parasites. SY-21 Host-Parasite Coevolution: Techniques Concepts and Methods. Euro-American Mammal Congress. Santiago de Compostela, Spain
- 1999 **Gardner, S.L.**; Pérez-Ponce de León, G.; Falcón-Ordaz, G. Phylogenetic relationships among nematodes of the genus *Stilestrongylus* from Neotropical rodents. Annual meeting, American Society of Parasitologists. Monterey, CA
- 2000 **Gardner, S.L.** *Cryptocotyle* from the Lobito de Rio (*Lutra longicaudis*) in the Beni Department of Bolivia. Annual meeting, American Society of Parasitologists. San Juan, Puerto Rico
- 2000 Jiménez-Ruiz, F.A.; **Gardner, S.L.** Helminth parasites of the hocicudo (Rodentia: Muridae: *Oxymycterus*) from the Bolivian Yungas. Annual meeting, American Society of Parasitologists. San Juan, Puerto Rico
- 2000 Ganzorig, S.; Oku, Y.; **Gardner, S.L.**; Kamiya, M. Species identification of metacestodes of *Mesocestoides* spp. using mitochondrial DNA sequencing. Annual meeting, American Society of Parasitologists. San Juan, Puerto Rico
- 2001 Sterner, M.C.; **Gardner, S.L.**; Pritchard, M.H. Activities of the Harold W. Manter Laboratory of Parasitology. Annual meeting, American Society of Parasitologists. Albuquerque, NM
- 2001 Sukitjavanich, K.; **Gardner, S.L.** Helminth parasites of Nebraska mammals. Annual meeting, American Society of Parasitologists. Albuquerque, NM
- 2001 Crapo, E.E.; **Gardner, S.L.** Parasites from *Onychomys* on the Sevilleta LTER site in New Mexico. Annual meeting, American Society of Parasitologists. Albuquerque, NM
- 2001 Jiménez-Ruiz, F.A.; **Gardner, S.L.** Systematics of the Neotropical family Aspidoderidae Skrjabin & Schikhobalova, 1947 (Nemata: Heterakoidea). Annual meeting, American Society of Parasitologists. Albuquerque, NM
- 2001 **Gardner, S.L.** Current state of the science of biodiversity, coevolution, and zoonotic disease research. 8th International Theriological Congress. Sun City, South Africa
- 2002 **Gardner, S.L.**; Yates, T.L.; Crapo, E.E.; Jiménez-Ruiz, F.A. Mammals and their parasites: Temporal patterns and biodiversity. 82nd Annual meeting, American Society of Mammalogists. Lake Charles, LA
- 2002 Jiménez-Ruiz, F.A.; **Gardner, S.L.** Taxonomy of the Aspidoderidae evaluated from a phylogenetic perspective. 10th International Congress of Parasitology. Vancouver, BC, Canada
- 2002 **Gardner, S.L.**; Jiménez-Ruiz, F.A. Phylogeny of pinworms (*Syphacia*: Syphaciidae: Nemata) from neotropical rodents based on morphology. 10th International Congress of Parasitology. Vancouver, BC, Canada
- 2003 Jiménez-Ruiz, F.A.; **Gardner, S.L.** Cophylogeny among neotropical mammals and their nematode parasites (Heterakoidea: Aspidoderidae). 78th Annual Meeting, American Society of Parasitologists. Halifax, NS, Canada

- 2003 Jiménez-Ruiz, F.A.; **Gardner, S.L.** Cophylogeny: Neotropical mammals and their nematode parasites. 83rd Annual meeting, American Society of Mammalogists. Lubbock, TX
- 2004 **Gardner, S.L.**; Jiménez-Ruiz, F.A. Phylogeny of Pinworms (*Syphacia*) with a BPA of other parasites and murids from the Neotropics. 84th Annual meeting, American Society of Mammalogists. Arcata, CA
- 2004 Jiménez-Ruiz, F.A.; **Gardner, S.L.** Nematodes of the family Aspidoderidae Skrjabin & Schikhobalova, 1947. 79th Annual meeting, American Society of Parasitologists. Philadelphia, PA
- 2004 **Gardner, S.L.**; Jiménez-Ruiz, F.A. Phylogeny of pinworms (*Syphacia*): parasites of murids from the Neotropics. 79th Annual meeting, American Society of Parasitologists. Philadelphia, PA
- 2005 Jiménez-Ruiz, F.A.; **Gardner, S.L.** Ancestral host species (mammalia) for parasites (aspidoderidae) with wide geographic and host range: Impact on resulting hypotheses. Symposium 1801, 9th International Mammalogical Congress. Sapporo, Japan
- 2005 **Gardner, S.L.**; Campbell, M.L. Phylogenetic systematics, scaling, and the study of coevolution: Historical basis and current research. Symposium 1801, 9th International Mammalogical Congress. Sapporo, Japan
- 2006 Haverkost, T.R.; Gardner, S.L. Morphological studies of *Rhopalias* spp. from *Philander opossum* in Bolivia. 39th Annual meeting, Southwestern Association of Parasitologists. Lake Texoma, OK
- 2007 Tinnin, D.S.; **Gardner, S.L.** Another look at the El Niño effect on parasite loads of *Onychomys* from the Sevilleta LTER site in New Mexico. 85th Annual meeting, American Society of Mammalogists. Albuquerque, NM
- 2007 Three other papers were presented by me and my students at the National Meeting of Mammalogists
- 2008 One paper was presented by my students and me at the Annual meeting, American Society of Parasitologists
- 2009 Tinnin, D.S.; **Gardner, S.L.** Parasitology and Mammalogy in Mongolia. 10th International Mammalogical Meeting, Central Asian Mammal Symposium. Mendoza, Argentina
- 2009 **Gardner, S.L.** Phylogeny and evolution of Neotropical pinworms. 10th International Mammalogical Meeting. Mendoza, Argentina
- 2010- On average, my students have presented three papers yearly at annual meetings, both regional and national.

FIELD WORK, COLLECTING AND VISITING PROFESSORSHIPS

- 1974-1976 Alaska. A survey of animal parasites
- 1976-1988 Oregon, Colorado and New Mexico. A survey of parasites of the family Geomyidae
- 1984-1988 Mexico, Sonora. Parasites of stingrays (*Urolophus*) in the Gulf of California
- 1984-1986 Bolivia. Survey of the parasites of mammals of Bolivia
- 1988 Switzerland and France. Informal consultations: WHO, Veterinary Disease Section and Tropical Disease Section; Muséum National d'Histoire Naturelle (Paris), Division of Worms; Muséum d'Histoire Naturelle de la Ville de Genève, Division of Worms
- 1989-2001 New Mexico. Parasites of mammals from the Sevilleta Long Term Ecological Research Site in NM
- 1990-1992 Bolivia. Biodiversity of Bolivia: survey of mammals and their parasites in altitudinal transects
- 1992 France. Visiting Professor/Curator. Laboratoire de Biologie Parasitaire, Protistologie, Helminthologie, Muséum national d'Histoire naturelle, Paris, France
- 1994 Mexico. Helminth parasites of mammals of Baja California Sur: mainland-island comparisons
- 1993-1996 Bolivia. Biodiversity of Bolivia: survey of mammals and their parasites in altitudinal transects
- 1997 Bolivia. Presented paper and consulted with the Ministry of Health and the Ministry of the Environment in the Bolivian Government
- 1999 Mongolia. Collected parasites of mammals and participated in an NSF funded project to help establish an ILTER site
- 2000 Bolivia. Survey of mammals of Bolivia for parasites and the machupo virus
- 2001 Republic of South Africa. Parasites of archaic rodents of the southwestern Kalahari
- 2002-2004 Nebraska. Parasites of Geomyidae in the central Great Plains
- 2008 PI- Mongolia – Mongolia Vertebrate Parasite Project
- 2009 PI- Mongolia - Mongolia Vertebrate Parasite Project - 3 months field work
- 2010 PI- Mongolia - Mongolia Vertebrate Parasite Project - 3 months field work
- 2011 PI- Mongolia - Mongolia Vertebrate Parasite Project - 3 months field work
- 2012 PI- Mongolia - Mongolia Vertebrate Parasite Project - 3 months field work
- 2012 PI- Western Nebraska - Mammal / Parasite Biodiversity Survey - 3 weeks field work
- 2013 PI- Western Nebraska - Mammal / Parasite Biodiversity Survey - 3 weeks field work
- 2014 PI- Western Nebraska - Mammal / Parasite Biodiversity Survey - 3 weeks field work

COLLECTION ACTIVITIES

- 1994-1995 Renovated and expanded Division of Parasitology space in Nebraska Hall, UNL.
- 1994-2001 Specimen loan activity increased from an average of about 10 loans per year to more than 20 per year.
- 1994-2001 Acquired and placed into the HWML library, approximately 4,000 unique books and 10,000 unique reprints of systematic parasitology.
- 1994-2001 Acquired several important animal parasite collections representing >50,000 specimens, including the Massey Insect Nematode Collection containing 134 holotype specimens and 1,800 cataloged vouchers (2001).
- 1994-2003 Added approximately 3,000 lots of specimens per year into the collections since 1994 (total now over 120,000 lots (>1,500,000 specimens).
- 1995-2000 Directed the repair of approximately 6,500 slides in the HWML.
- 1996 Updated and upgraded computer database system in the HWML.
- 1997-2000 Replaced all bakelite caps with PVC teflon lined vial caps in the liquid specimen collections.
- 1998 Copied onto acid-free paper, and bound, the complete paper HWML collection catalog.
- 1998 Converted Manter Laboratory database from Rbase-DOS to MS Access under Windows NT-4.0 and put it online for searching via Web browsers.
- 1999 Started a new system of numbering and data cataloging called the “Nebraska Parasite Collecting Catalog.” Allows consistent and non-redundant data acquisition in field and laboratory studies of hosts and their parasites.
- 2000-2003- Integrating the Bolivian Mammal Parasite Collection into an Internet enabled distributed database. Started *Journal of Parasitology* Scanning Project - 7/8 finished scanning the *Journal of Parasitology* for free public access, funded by the American Society of Parasitologists.
- 2007-2009 Started the HWML – Host specimen internet linked database project. Collaboration with Texas Tech, University of New Mexico, and University of Oklahoma.
- 2008 Created and implemented the Parasite Genomic Research Facility (PGRF) in the Manter Laboratory.
- 2009 Field work in Mongolia resulted in more than 15,000 specimens of parasites collected and deposited in the HWM parasite collection.
- 2010 Field work in Mongolia resulted in more than 15,000 specimens of parasites collected and deposited in the HWM parasite collection.
- 2011 Field work in Mongolia resulted in more than 18,000 specimens of parasites collected and deposited in the HWM parasite collection.
- 2012 Field work in Mongolia resulted in more than 25,000 specimens of parasites collected and being deposited in the HWM parasite collection.
- 2012 Field work in western Nebraska resulted in more than 120 specimens of mammals and 5,000 specimens of parasites collected and deposited, respectively, in the Zoology Collections and the Manter Laboratory of Parasitology, University of Nebraska State Museum of Natural History.
- 2013 Field work in western Nebraska resulted in more than 150 specimens of mammals and 5,000 specimens of parasites collected and deposited, respectively, in the Zoology Collections and the Manter Laboratory of Parasitology, University of Nebraska State Museum of Natural History.
- 2014 Field work in western Nebraska resulted in more than 300 specimens of mammals and 5,000 specimens of parasites collected and deposited, respectively, in the Zoology Collections and the Manter Laboratory of Parasitology, University of Nebraska State Museum of Natural History.

COURSES TAUGHT

University of California, Davis

- 1991 Coevolution and Modern Systematic Biology (seminar). Department of Nematology
- 1992 Biology of Parasitism (lecture and lab, 3 credit hours). 145 students
- 1993 Introduction to Nematology (lecture, 2 credit hours). 50 students
- 1994 Introduction to Nematology (lecture, 2 credit hours). 45 students
- 1994 Biology of Parasitism (lecture and lab, 3 credit hours). 150 students

University of Nebraska-Lincoln

- 1995 Invertebrate Zoology (lecture and lab, 4 credit hours). Bios 381 and Bios 381L. 18 students
- 1996 Computer Methods in Phylogenetic Systematics (lecture, 1-3 credit hours). Bios 952. 8 students
- 1997 Introduction to Zoology Laboratory (lecture, 1 credit hour). Bios 112. 70 students
- 1998 Introduction to Zoology (lecture, 3 credit hours). Bios 112. 70 students
- 1999 Phylogenetic Coevolution (lecture, 3 credit hours). Bios 952. 2 graduate students

1999 Introduction to Zoology (lecture, 3 credit hours). Bios 112. 78 students
 2000 Introduction to Zoology (lecture, 3 credit hours). Bios 112. 75 students
 2002 Phylogenetic Coevolution (lecture, 3 credit hours). Bios 952. 4 grad students
 2002 Introduction to Zoology (lecture, 3 credit hours). Bios 112. 65 students
 2004 Biosystematics and Nomenclature (lecture, 3 credit hours). Bios 982. 6 grad students
 2005 Introduction to Zoology, Spring (lab). 55 students
 2005 Introduction to Zoology, Fall (lecture, 3 credit hours). Bios 112. 55 students
 2005 Introduction to Zoology, Fall (lab) Bios 112. 55 students
 2006 Introduction to Zoology, Fall (lab) Bios 112. 75 students
 2006 Parasitology Seminar, Spring Bios 960. 10 students
 2006 Biosystematics and Nomenclature (lecture, 3 credit hours). Bios 982. 4 grad students
 2007 Introduction to Zoology, Spring (lecture, 3 credit hours). Bios 112. 75 students
 2007 Introduction to Zoology, Spring (lab) BIOS 112. 75 students
 2007 Introduction to Zoology, Fall (lab) BIOS 112. 75 students
 2008 Introduction to Zoology, Fall (lab) BIOS 112. 75 students
 2008 Biosystematics and Nomenclature (lecture, 3 credit hours). Bios 982. 2 grad students
 2008 Parasitology Seminar, Fall. 3 students
 2009 Sabbatical, Spring Semester – no teaching
 2010 Introduction to Zoology, Fall (lecture, 3 credit hours). Bios 112. 80 students
 2010 Parasitology Seminar, Fall. 3 students
 2011 Introduction to Zoology, Fall (lecture, 3 credit hours). Bios 112. 105 students
 2011 Parasitology Seminar, Fall. 5 students
 2012 Biosystematics and Nomenclature (lecture, 3 credit hours). Bios 982. 4 grad students
 2012 Introduction to Zoology, Fall (lecture, 3 credit hours). Bios112. 84 students
 2012 Parasitology Seminar, Fall. 5 students
 2012 Field Parasitology, Cedar Point Biological Station. Bios 487/887. 14 students
 2013 Parasitology Seminar, Spring. 5 students
 2013 Introduction to Zoology, Fall (lecture, 3 credit hours). Bios112. 74 students
 2013 Parasitology Seminar, Fall. 6 students
 2013 Field Parasitology, Cedar Point Biological Station. Bios 487/887. 21 students
 2014 Biosystematics and Nomenclature (lecture, 3 credit hours). Bios 982. 5 grad students
 2014 Parasitology Seminar, Spring. 5 students
 2014 Field Parasitology, Cedar Point Biological Station. Bios 487/887. 20 students
 2014 Parasitology Seminar, Fall. 5 students
 2014 Phylogenetic Coevolution (lecture, 3 credit hours). Bios 966. 6 students (2 grad, 4 undergrad)

POSTDOCTORAL ASSOCIATES

Name	Year	Institution	Nationality
Dr. Terry Haverkost	2009	UNL	USA
Dr. Salvador Castañón	2010	International Atomic Energy Agency	Mexico
Dr. Enzo Aliaga Rossell	2011	UNL	Bolivia
Dr. Danielle Tufts	2015	UNL	USA

DOCTORAL STUDENTS - ADVISOR

Name	Year Finished	Institution	Nationality
Luma Al-Banna	1995	UCD	Jordan
F. Agustín Jiménez-Ruiz	2004	UNL	Mexico
Terry R. Haverkost	2009	UNL	USA
David Scott Tinnin	2011	UNL	USA
S. Elizabeth Racz	doctoral candidate	UNL	USA
Nicole Brand Ederli	2012	Brazil, Rio	Brazil
Francisco Melo-Tiago	2013	Brazil, Belem	Brazil
Juliana Almeida	2014	Brazil, São Paulo	Brazil
Rafaela Escorcía-Ignacio	current (co-advisor)	University of Hidalgo	Mexico

MASTERS' STUDENTS – ADVISOR

Name	Year Finished	Institution	Nationality
Luma Al-Banna	1992	UCD	Jordan
Mariel L. Campbell	1995	UCD	USA
Sara V. Brant	1998	UNL	USA
Elisa Pucu de Araújo	2012	UNL	Brazil
Ethan Jensen	2013	UNL	USA
Verenise Carrasco	Visiting student	Hidalgo Univ of Hidalgo	Mexico
Francisco Zarazoga-Tapia	2014 (co-advisor)	Univ of Hidalgo	Mexico
Altangerel T. Dursahinhain	current	UNL	Mongolia

UNDERGRADUATE STUDENTS**RESEARCH EXPERIENCES FOR UNDERGRADUATES-UCARE AND UNIVERSITY HONORS**

Since 1992, 33 REU students have been trained in my lab in systematic and taxonomic parasitology, mammalogy, and field parasitology. More than ½ were female, several were from minority groups, and most have gone on to professional training. During this time I also trained several UCARE - research students in the same topical areas.

2004-2008 - Erin Crapo - Honors Student - Wrote an honors thesis on “Parasites of *Onychomys* from the Sevilleta Long Term Ecological Research Site in New Mexico.” School of Biological Sciences and NU State Museum - UNL

2008-2009 - Nathan Seggerman - Honors Student- Wrote and published an honors thesis (No. 87 in pubs.) - School of Biological Sciences and NU State Museum of Natural History – UNL.

2012-2013 – Brent Leudders – Honors Student – Wrote and published an honors thesis (No. 119 in pubs.) – School of Biological Sciences and NU State Museum of Natural History – UNL.

2013-2014 – Mike Pitner – Honors Student- Wrote and submitted an honors thesis (2014)

2011-2015 – Lindsey Howell – REU and Honors Student - Wrote and submitted an honors thesis (2015)

2014-2015 – Kaleb Thomas – Honors Student – Wrote and submitted an honors thesis (2015)

GRADUATE AND OTHER STUDENT COMMITTEES

1992-1994	Master's degree committee chair, Mariel L. Campbell. Nematology Department, UC Davis
1990-1992	Master's degree committee chair, Luma Al-Banna. Nematology Department, UC Davis
1992-1994	Committee chair, Luma Al-Banna. Nematology Department, UC Davis
1994-1997	Master's degree committee chair, Sara V. Brant. Parasitology Graduate Research Emphasis Group (GREG), School of Biological Sciences (SBS), UNL
1996-1998	Committee member, Byron Adams, Ph.D., Department of Plant Pathology, SBS, UNL
1998-2004	Committee member, Peter Mullin, Ph.D., Department of Plant Pathology, SBS, UNL
1998-2004	Committee chair, Agustín Jiménez-Ruiz, Ph.D., Department of Plant Pathology, SBS, UNL
1999-2000	Committee member, G. Conchiero, Ph.D. candidate, SBS, UNL
2000-2009	Committee member, Chenhong Li, Ph.D., SBS, UNL
2004-2009	Committee chair, Terry R. Haverkost, Ph.D., SBS, UNL
2003-2011	Committee chair, David S. Tinnin, Ph.D., SBS, UNL
2005-2010	Committee member, Alaine Knipes, Ph.D., SBS, UNL
2005-2010	Committee member, Gabriel Langford, Ph.D., SBS, UNL
2009-2010	Host Professor for trainee for the International Atomic Energy Agency
2010-2012	Committee chair, Elisa Pucu de Araújo, M.S., SBS, UNL
2011-2013	Committee member, Tim Hotaling, M.S. candidate, Entomology Department, UNL
2011-2013	Committee member, Amanda Mageli, M.S., Entomology Department, UNL
2012-present	Committee chair, Altangerel T. Dursahinhain, M.S. candidate, SBS, UNL
2011-present	Committee chair, S. Elizabeth Racz, Ph.D. candidate, SBS, UNL
2011-2013	Committee chair, Ethan Jensen, M.S., SBS, UNL
2012-present	Committee chair, Altangerel T. Dursahinhain, Ph.D. student, SBS, UNL

REVIEW PANELS/WORKSHOPS

- 1991 National Science Foundation. Dissertation Advisory Review Panel
- 1996 National Science Foundation. Biotic Surveys and Inventories Grant Review Panel
- 1999 National Science Foundation. Biological Observatory Network Workshop, California Academy of Sciences
- 1999 Stanford University and California Academy of Sciences, Museums and Universities in the 21st century
- 2002 Workshop to Advise NSF on the need for a Global Biodiversity Inventory. National Science Foundation. Washington, DC
- 2002 Organizer: The Woodrat ATBI workshop. How to identify all species of symbionts from a single species of mammal. Funded by the All Species Foundation. Sevilleta Field Station, New Mexico
- 2003 The Natural Science Collections Alliance. Unification of the collections community - Creating an integrated research tool. Sevilleta Field Station, New Mexico
- 2003 Workshop to Produce a Decadal Vision for Taxonomy and Natural History Collections. Funded by the National Science Foundation. University of Florida Museum, Gainesville, FL
- 2004 NEON / EPSCoR Organizing committee and panel member on integration of the NEON initiative in EPSCoR funded states, Washington, DC
- 2006 Overcoming the "Digitization Bottleneck in Natural History Collections." Workshop: Harvard University Cambridge, MA, September 8-9.
- 2010 Research Collections Network Workshop – III. "Data Integration." New Orleans, LA, March 26-27.
- 2013 Advisory Group - National Ecological Observatory Network (NEON) - Collections Processing and Archiving on NEON Sites.
- 2013 Advisory Group – NEON - Infectious Diseases Monitoring Program.

NATIONAL AND INTERNATIONAL REVIEW PANELS FOR TENURE/PROMOTION DECISIONS

- 2000 Tel Aviv University, Tel Aviv, Israel, External Reviewer for Tenure Decision
- 2001 University of Pretoria, South Africa, External Reviewer for Tenure Decision
- 2005 Johns Hopkins, School of Medicine, External Reviewer for Tenure Decision
- 2014 University of Pretoria, South Africa, External Reviewer for Full Professor Promotion

SERVICE TO PROFESSIONAL SOCIETIES

- 1994-2004 UNIX Machine operator, American Society of Parasitologists Web Pages
- 1995-1996 Systematics Resources Committee, Society of Nematologists
- 1996-present Electronic newsletter editor, American Society of Parasitologists
- 1996-present Webmaster, American Society of Parasitologists Web Pages
- 1999-2000 Representative to the American Society of Parasitologists Council for the Southwestern Association of Parasitologists
- 2000-2004 Member of board of consultants to the editor, Journal of Parasitology
- 2000-2004 Infrastructure for Biology at Regional to Continental Scales, NEON Committee Member.
- 2000-present Newsletter editor, American Society of Parasitologists
- 2000-present Council member, and officer, American Society of Parasitologists
- 2000-2005 Systematics Resources Committee, Society of Nematologists
- 2003 Member, Working Group, Infrastructure for Biology at Regional to Continental Scales (IBRCS), a project of the American Institute of Biological Sciences (AIBS) to start up NEON
- 2005-2007 Chair of the Systematics Resources Committee, Society of Nematologists
- 2005 Vice President, Southwestern Association of Parasitologists
- 2006 President, Southwestern Association of Parasitologists
- 2007-present Secretary and Executive Board Member. Natural Science Collections Alliance
- 2011-2012 President, Rocky Mountain Conference of Parasitologists

MANUSCRIPT REVIEWS (I have reviewed manuscripts for the following journals)*Biological Control**Canadian Journal of Zoology**Comparative Parasitology**FASEB Journal**Helminthological Society of Washington*

*Instituto de Biología Universidad Nacional
Autónoma de México–Serie Cuadernos y
Listados Faunísticos
International Journal for Parasitology
Journal of Parasitology
Journal of Mammalogy
Journal of Biogeography
Nematologica
Proceedings of the Royal Society
Smithsonian Institution Press
Systematic Parasitology
Systematic Biology
The Prairie Naturalist
The Southwestern Naturalist
The Journal of Biogeography
Brazilian Journal of Zoology*

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

American Association for the Advancement of Science
American Society of Parasitologists
American Society of Mammalogists
American Institute of Biological Sciences
American Center for Mongolian Studies
Helminthological Society of Washington
Natural Science Collections Alliance
Rocky Mountain Conference of Parasitologists
Society of Systematic Biologists
Southwestern Association Parasitologists
Southwestern Naturalists
Sigma X

GRANT PROPOSALS REVIEWED

Approx. no. reviewed/agency

National Science Foundation	32
National Institutes of Health	1
United States Department of Agriculture	3
North Carolina Biotechnology Center	2

UNIVERSITY SERVICE COMMITTEES

1991-1992 Chair, Policy Committee, Biological Collections Task Force Review, University of California, Davis
1992 Member, Campus-wide Museum Task Force, University of California, Davis
1992 Member, Curriculum Review Committee, Department of Nematology, University of California, Davis
1992-1994 Member, Graduate Education Committee, University of California, Davis
1993-1994 Member, Task Force to Establish a Center for Biosystematics, University of California, Davis
1994-1996 Representative from UNSM, Academic Senate, UNL
1994-2000 Web master and machine operator for the UNSM WWW operations
1995 Presented on international research for a two-day program, “Planning and conducting International Research Projects,” UNL
1996- Active member of the Parasitology Graduate Research Emphasis Group
1997 Chair, Committee on Museum Initiative, UNSM, UNL
1997 Member, Dean’s Committee on Joint Appointments, College of Arts and Sciences, UNL
1997 Member, Search Committee, Molecular Systematics Position, School of Biological Sciences, UNL
1997-1998 Coordinated the noon ecology seminar series in the School of Biological Sciences, UNL
1998- Member, Museum Computerization Committee, UNSM, UNL
2000-2002 Advisor to the Ecology NOW undergraduate student club, UNL
2000-2004 Member, UNL Biological Observatory Network/National Ecological Observatory Network (NEON) Organizing Committee
1999-2005 Chair and re-organizer, Systematics and Biological Diversity Graduate Research Emphasis Group (SBD-GREG), School of Biological Sciences, UNL
2003-2007 Member, Peer Review of Teaching Committee, School of Biological Sciences, UNL
2006-2009 Member, Institutional Animal Use and Care Committee, UNL
2004- Chair, Parasitology Graduate Research Emphasis Group, School of Biological Sciences, UNL
2005- Member, Graduate Committee, School of Biological Sciences, UNL
2013- Member, Exhibits Committee, University of Nebraska State Museum
2014 Chair, De-accession Committee, University of Nebraska State Museum

COMMUNITY PRESENTATIONS (selected)

- 1993 “Tropical forest mammals: what lives in a rain forest?” Presentation to 3rd grade class at West Davis Elementary School, Davis, CA
- 1994 “Biodiversity of Bolivia and the University of Nebraska State Museum.” Presentation to the 25 Year Club of Lincoln Electric Service, Lincoln, NE
- 1994 “What do scientists do when they study the rain forest?” Group Presentation to all 4th grade classes, Holmes Elementary School, Lincoln, NE
- 1996 “What kinds of organisms live in tropical rain forests in Bolivia?” Group presentation to all 3rd grade classes, Morley Elementary School, Lincoln, NE
- 1996 “Tropical rain forests in Bolivia.” Group presentation to all 1st and 2nd grade classes, Maxey Elementary School, Lincoln, NE
- 1997 “What is a tropical rain forest?” Group presentation to all 3rd grade classes, Morley Elementary School, Lincoln, NE
- 1999 “International research in the Manter Laboratory of Parasitology.” East High School Zoology Class, Lincoln, NE
- 2000 “Research in the Manter Laboratory of Parasitology.” A group presentation in the Manter Laboratory of Parasitology to the East High School Zoology Class, Lincoln, NE
- 2007 “The worms crawl in the worms crawl out.” Outreach program for underrepresented student groups. Program for current grants at the University of Nebraska State Museum summer science program. Funded by the National Science Foundation
- 2009 “Gobi Worms” Outreach program for underrepresented student groups. Program for current grants at the University of Nebraska State Museum summer science program. Funded by the National Science Foundation
- 2009 “The worms crawl in the worms crawl out.” Outreach program for underrepresented student groups. Program for current grants at the University of Nebraska State Museum summer science program. Funded by the National Science Foundation
- 2010 “Gobi Worms” Outreach program for underrepresented student groups. Program for current grants at the University of Nebraska State Museum summer science program. Funded by the National Science Foundation
- 2011 “Bolivia and Mongolia” What is Natural History and where do animals live in nature? Hill Elementary School afternoon photo presentation.
- 2014 “Research in the Manter Laboratory of Parasitology.” A group presentation about the Manter Laboratory of Parasitology to the Pound Middle School Science Classes, Lincoln, NE
- 2014 “Research on Parasites.” A group presentation in the Manter Laboratory of Parasitology to the third grade class of Hill Elementary School, Lincoln, NE