

CURRICULUM VITÆ

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Education:

1980. B.A. in Zoology, Humboldt State University, Arcata, California.

1986. M.A. in Biology, Humboldt State University, Arcata, California.

Thesis: *Geographic variation of alarm calls in three species of chipmunks (genus Eutamias)*. Major Professor: Timothy E. Lawlor.

Doctorate: 1997. Ph.D. in Biology, Department of Biology, University of New Mexico, Albuquerque, New Mexico, USA

Dissertation: *Assessing ecological interactions between bat species using morphological and acoustical techniques*. Program Committee: James H. Brown and James S. Findley (co-chairs), Astrid Kodric-Brown, and Thomas H. Kunz (Boston University).

2nd Master's: M.A Philosophy, December 2018. University of New Mexico, Albuquerque, New Mexico, USA. *Do Multiple Ethical Theories Compete for Integrity in Research?*

I. POSITION DESCRIPTION AND RELEVANT EXPERIENCE

Synergistic Activities

- Conceived of/produced web-based bat echolocation call site based on thousands of bat call recordings made in the field (<http://www.msb.unm.edu/mammals/batcall/>)
- In mid-1990's was co-PI on National Geospatial Data Clearinghouse of State Biodiversity Laws and Policies and the Systematics, Ecology, and Life History of Mammals of the Southwest project. The purpose of this project is to adapt the existing data collections of CWL and MSB to the draft National Biological Information Infrastructure (NBII) standards for biological data;

- Conceived of a research ethics and integrity office at UNM prior to regulatory mandates; currently developing integrated strategy to support ethics training as a part of normal professional development for all graduate students; establish pedagogical inertia for ethics training and research. Now call the Academic Integrity & Research Ethics (AIRE) program, working to assure that all UNM graduates have had sufficient ethics education that is relevant and that they can apply to their daily lives.
- Rallied political and business support to design, fund (\$500,000), and install a large multipurpose (soccer) field in a low-income inner city public school to serve 500 elementary kids and local community.
- Surveyed the attitudes and practices of numerous field biologists that resulted in a heavily cited *Guidelines for the Use of Wild Mammals in Research*; paper was a “hot paper” in 2008 ranked by Science Watch.
- With 3 successive iterations of support from NSF (UMEB, URM) was able to recruit, retain, and graduate cohorts of underrepresented students (mostly Hispanic, African American, and Native American students) into STEM professional pathways.

Summary:

Research Assistant Professor in the Department of Biology and currently director of UNM’s Academic Integrity & Research Ethics program for Graduate Studies. In the last 10 years, Bill served as Assistant Director of the Office of Research Compliance, IRB Director, Chair of Main Campus IRB committee, Director of the Office of Animal Care and Compliance, and Director of Responsible Conduct in Research Ethics Program in the Office of the Vice President for Research. His research and teaching also focus on issues of scientific integrity and the responsible conduct of research, especially in the areas of the use of animals in biomedical experimentation, the use of humans in behavioral, educational, or social research, mentoring, record keeping, and authorship and peer review. As a Biologist with expertise in mammalian behavioral ecology and conservation, he has funding from the National Science Foundation and served as an editor for the *Journal of Mammalogy* and *Acta Chiropterologica*. A recent publication of his, *Guidelines for the Use of Wild Mammals in Research* sets standards and conduct by which animals are used in field research and is one of the top 100 most cited papers. Most recently, he seeks a master’s degree in Philosophy to train in ethics.

Director, Academic Integrity & Research Ethics – Graduate Studies (2012 – present)

Work with the Dean of Graduate Studies responsible for academic integrity and research ethics issues and compliance for UNM focusing on graduate student training and culture. Includes the responsible conduct of research (RCR) training, teaching, writing and grants.

Special Assistant to Vice President for Research (2008 – 2012)

Under the direction of the Vice President for Research and with guidance from the President, develop and promote information and educational content on the proper conduct of research for the university; institutionalize research ethics and integrity; responsible for processing cases of research misconduct; conduct reporting activities to the Office of Research Integrity; enhance communication among stakeholders; provide forums, courses, and seminars to perpetuate research ethics and integrity; and develop responsible conduct of research networks.

Director, Office of Research Ethics and Compliance (2004-2008, 1.0 faculty FTE). Oversee IACUC and IRB actions and protocol approval process for both Main and Health Science Center for IACUC and Main Campus protocols for the IRB. Currently chair both sets of committees. The Office also is involved in research ethics training and instruction as well as provides referrals to investigators with respect to issues of research ethics. Ensure office is an effective resource and advocate for PI's while advocating compliance with animal care and use guidelines, human subjects protections, and in general with regard to research ethics.

Research Assistant Professor (1997 - present). Department of Biology, University of New Mexico, Appointment to serve on graduate committees, mentor students, teach courses, and act as principal investigator on grants and proposals.

Editor for Reviews, *Journal of Mammalogy*. (2005-2011). Allen Press, Lawrence, KS. Receive, evaluate manuscripts, solicit peer reviews, communicates evaluation of manuscripts to authors.

Senior Collections Manager (1997 - 2007). Museum of Southwestern Biology, Division of Mammals, University of New Mexico. Coordination of activities and management in operating a natural history museum; coordination of activities concerned with instruction, acquisition, exhibits, maintenance, research, and public service objectives of the division.

Associate Editor, *Journal of Mammalogy*. (2001- 2005). Allen Press, Lawrence, KS. Receive, evaluate manuscripts, solicit peer reviews, communicates evaluation of manuscripts to authors.

Part-time Faculty, (2001-2003; 1991-1994). College of Arts and Sciences, Technical-Vocational Institute (T-VI), Albuquerque, New Mexico. Hired to teach courses in Biology (Anatomy and Physiology, Natural Science).

Collections Manager (Research Associate III, 1989-1991; 1993-1998). Museum of Southwestern Biology, Divisions of Mammalogy, Ornithology, and Biological Materials, University of New Mexico.

Collections Manager and Acting Curator of Mammals (Research Associate III, 1991-1993). Museum of Southwestern Biology, Divisions of Mammalogy and Biological Materials, University of New Mexico.

Collections Manager (Research Associate I, 14 April 1986 to 1989). Museum of Southwestern Biology, Divisions of Mammalogy, Ornithology, and Frozen Tissues, University of New Mexico.

Assistant Curator, 1981 – 1986. Vertebrate Museum, Humboldt State University, Arcata, CA 95521. Responsible for bird, mammal, fish, amphibian, and reptile collections.

Other Natural History Museum Collection Experience:

1996 - 2001: Chair, American Society of Mammalogists, Systematic Collections Committee
1988 - Present: Member, American Society of Mammalogists, Systematic Collections Committee
1980 - 1986: Member, Marine Mammal Stranding Network
1972 - 1974: Museum volunteer, California Academy of Sciences, Birds and Mammals

Teaching: Sole Organizer (not updated since 2013)

Department of Philosophy, University of New Mexico

- ❖ Introduction to Philosophy (Phil 101, section 25) – Spring 2013

Department of Biology, University of New Mexico (UNM)

- ❖ Research Ethics (BioMed 555) – every semester since Fall 2006 (with Brian Hjelle)
- ❖ Mammalogy (Biology 489) – Fall semester 2003
- ❖ General Vertebrate Zoology (=vertebrate biology) - Spring semester 2003
- ❖ Bat Ecology (Biology 402/502) – Spring semester 1993, 1995
- ❖ Advanced Vertebrate Biology (Biology 402/502) - seminar every semester 1989 - 1996
- ❖ Conservation ecology in mammals (Biology 502e) – evening seminar 1992, 1998, 2004
- ❖ Mammalian Ecology (Biology 554) - Spring, 1991, Fall, 1997
- ❖ Marine Mammalogy (Biology 402/502 – Spring 1990
- ❖ Principles of Collection Management (Biology 405) - Spring 1989, Spring 1991.

College of Arts and Sciences, Albuquerque Technical-Vocational Institute (T-VI)

- ❖ Environmental Science – (Biology 111) – year-long 1992, 1993, 1994
- ❖ Anatomy and Physiology (Biology 237) - Fall 2001, Spring 2002.
- ❖ Science for the non-major – Fall 1999, 2000

Teaching: Contributor (All UNM)

- ❖ Mammalogy (Biology 489) – fall semesters, 1986-1998
- ❖ Conservation Biology (Biology 402/502) – Spring 1996
- ❖ Introductory Biology (Biology 121, 122) – occasional lectures
- ❖ General Vertebrate Zoology (Biology 366) – occasional lectures
- ❖ Comparative Anatomy (Biology 280) – occasional lectures
- ❖ GIS application to field biology – fall 2003

Teaching Experience as Graduate Student

- ❖ Lectured in Mammalogy, Human Anatomy, Comparative Anatomy, General Biology, Botany, Physics, History of Science, Technical Writing - HSU
- ❖ Lectured Mammalogy, Ecology, Bat Ecology, Mammal Ecology, Ornithology, General Botany, Desert Ecology, Vertebrate Zoology, General Biology, - UNM

II. PROFESSIONAL EXPERTISE

Publications:

Published

Submitted

S7: Gannon WL, Barnes J. Publication Ethics and Predatory Journals; Guidelines for Administrators, Mentors, and Students. Journal of Research Administration. Forthcoming.

S6. Gannon, William. L. In Review 2019. *Do Multiple Ethical Theories Compete for Integrity in Research?* Journal of Science and Engineering Ethics. In review.

Published

2022

74. Christine Erbe, Brandon Southall, William L. Gannon, and Jeanette Thomas. 2022. Chapter 13: The Effects of Noise on Animals. Pp 459-xxx, In, Christine Erbe and Jeanette A. Thomas, eds, 2022. Exploring Animal Behavior through Sound: Volume 1, Methods. Springer Nature Publishing, Switzerland, ISBN 978-3-030-97538-8 <https://doi.org/10.1007/978-3-030-97540-1>

73. Rebecca Dunlop, William L. Gannon, Marthe Kiley-Worthington, Peggy S. M. Hill, Andreas Wessel, and Jeanette A. Thomas. 2022. Chapter 11, Vibrational and Acoustic Communication in Animals. Pp 389-418, In Christine Erbe and Jeanette A. Thomas, eds, 2022. Exploring Animal Behavior through Sound: Volume 1, Methods. Springer Nature Publishing, Switzerland, ISBN 978-3-030-97538-8 <https://doi.org/10.1007/978-3-030-97540-1>

72. Julie N. Oswald, Christine Erbe, William L. Gannon, Shyam Madhusudhana, and Jeanette A. Thomas. 2022. Chapter 8: Detection and Classification Methods for Animal Sounds. Pp 269-318, In, Christine Erbe and Jeanette A. Thomas, eds, 2022. Exploring Animal Behavior through Sound: Volume 1, Methods. Springer Nature Publishing, Switzerland, ISBN 978-3-030-97538-8 <https://doi.org/10.1007/978-3-030-97540-1>

71. Ole Naesbye Larsen, William L. Gannon, Christine Erbe, Gianni Pavan, Jeanette A. Thomas. 2022. Chapter 5: Source-Path-Receiver Model for Airborne Sounds. Pp 153-184, In, Christine Erbe and Jeanette A. Thomas, eds, 2022. Exploring Animal Behavior through Sound: Volume 1, Methods. Springer Nature Publishing, Switzerland, ISBN 978-3-030-97538-8 <https://doi.org/10.1007/978-3-030-97540-1>

70. William L. Gannon, Rebecca Dunlop, Anthony Hawkins, and Jeanette A. Thomas. Chapter 3: Collecting, Documenting, and Archiving Bioacoustical Data and Metadata. Pp 87-110, In, Christine Erbe and Jeanette A. Thomas, eds, 2022. Exploring Animal Behavior through Sound: Volume 1, Methods. Springer Nature Publishing, Switzerland, ISBN 978-3-030-97538-8 <https://doi.org/10.1007/978-3-030-97540-1>

69. Madhusudhana, Shyam, Gianni Pavan, Lee A. Miller, William L. Gannon, Anthony Hawkins, Christine Erbe, Jennifer A. Hamel, and Jeanette A. Thomas. 2022. Chapter 2: Choosing Equipment

for Animal Bioacoustic Research. Pp 37-86 In, Christine Erbe and Jeanette A. Thomas, eds, 2022. Exploring Animal Behavior through Sound: Volume 1, Methods. Springer Nature Publishing, Switzerland, ISBN 978-3-030-97538-8 <https://doi.org/10.1007/978-3-030-97540-1>

68. Barnes, J. C. and W. L. Gannon 2022. Sport Management Education in an Era of Global Neoliberalism and Corporate Influence on Higher Education. *Policy Futures in Education* (online first <https://journals.sagepub.com/home/pfe>). DOI: 10.1177/14782103211067653

2021

67. Gannon, W. L. 2021. A Manual of the Mammalia. An Homage to Lawlor's "Handbook to the Orders and Families of Living Mammals." Douglas A. Kelt and James L. Patton 2020 (Book review). *Journal of Mammalogy*, gyab136, <https://doi.org/10.1093/jmammal/gyab136>
Published 09 December 2021

2020

66. Gannon, William L. 2020. BOOK REVIEW Fraser E. E., A. Silvis, R. M. Brigham, and Z. J. Czenze (eds.). 2020. Bat echolocation research: a handbook for planning and conducting acoustic studies, 2nd edition. Bat Conservation International, Austin, Texas, USA, xi + 123 pp. Available at https://www.batcon.org/wpcontent/uploads/2020/09/2Bat_Echolocation_Research_2nd_Ed_20200925.pdf. *Acta Chiropterologica*, 22(2): 491–494, 2020

2019

65. Joseph A. Cook, William L. Gannon, Michael A. Mares, Karen E. Petersen, and Don E. Wilson. 2019. Obituary: James Smith Findley (1926–2018). *Journal of Mammalogy*, 100(2):599–607, DOI:10.1093/jmammal/gyz032Published online 13 March 2019.

64. Gannon, William L. 2019. Irish Wild Mammals: A Guide to the Literature (Fourth Edition). Book review of Smiddy, P., and P. Sleeman 2016. Irish Wild Mammals: A Guide to the Literature (Fourth Edition). Privately published, Cork, Ireland (by Smiddy and Sleeman); Oxford, United Kingdom, iii + pp. ISBN: 978-1-906642-88-4 (paper), *Journal of Mammalogy*, 100: 265

2017

63. Dunnum, J. L., J. A. Cook, W. L. Gannon, M. A. Bogan, C. A. Ramotnik, and T. L. Yates. 2017. Division of Mammals collection management procedures manual, Museum of Southwestern Biology. University of New Mexico, Albuquerque, MSB Publications, 79 pages.

62. Gannon, William L. 2017. A Primate Scientist's Ethical Journey. Book review of J. P. Gluck 2016. Voracious Science & Vulnerable Animals: A Primate Scientist's Ethical Journey. University of Chicago Press, Chicago, Illinois, 313 pp. ISBN-13: 978-0-226-37565-6. *Journal of Mammalogy*, 98: 1510–1512, <https://doi.org/10.1093/jmammal/gyx109>

2016

61. Sikes, R. S., J. A. Bryan II, D. Byman, B. J. Danielson, J. Eggleston, M. R. Gannon, William L. Gannon, D. W. Hale, B. Jesmer, D. K. Odell, L. E. Olson, R. D. Stevens, R. M. Timm, S. A.

Trewhitt, J. R. Willoughby. 2016. 2016 Guidelines of the American Society of Mammalogists for the use of wild mammals in research and education. *Journal of Mammalogy* 98:663-688.

2015

60. Gannon, William L., Stephanie Sanchez, and Felipe Amaral. 2015. Undergraduate to graduate school transition-focused program: The Project for New Mexico Graduates of Color and integrity in graduate training. Pp. 275-281, in Peter Collier (editor), *Developing effective student peer mentoring programs: A practitioner's guide to program design, delivery, evaluation and training*. Stylus press, Sterling, VA USA, 370 pp;

<https://styluspub.presswarehouse.com/browse/book/9781620360767/Developing-Effective-Student-Peer-Mentoring-Programs>

2014

59. Harrison, G. and W. L. Gannon. 2014. Victor Frankenstein's Institutional Review Board Proposal, 1790. *Journal of Science and Engineering Ethics*. DOI 10.1007/s11948-014-9588-y, (Published 14 September 2014).

Wentworth, Karen. 2014. Frankenstein and the Institutional Review Board: Ethical failure in a successful research project. 7 October 2014. UNM Newsroom.

58. Gannon, W. L. 2014. Integrating research ethics with graduate education in Geography. *Journal of Geography in Higher Education*. 38: 481-499. DOI: 10.1080/03098265.2014.958656

57. Carr, John, Shannon Vallor, Scott Freundsuh, William L. Gannon and Paul Zandbergen. 2014. Hitting the moving target: challenges of creating a dynamic curriculum addressing the ethical dimensions of geospatial data, *Journal of Geography in Higher Education*, 38:444-454. DOI: 10.1080/03098265.2014.936313 (published 23 September 2014)

2013

56. Gannon, W. L. 2013. Review of *Polar Bears: A Complete Guide to Their Biology and Behavior* by A. E. Derocher and W. Lynch *Journal of Mammalogy* 94:243-244.

2012

(not peer reviewed). Gannon, W. L. 2012. In process: Advice column: *Mentoring*. In Progress, pages 1-4, February 2012, <http://inprogressjournal.net/>

(not peer review) Gannon, W. L. 2012. UNM offers new integrity training opportunities. Council of Graduate Schools, Project for Scholarly Integrity Newsletter. Project for Scholarly Integrity psi@cgs.nche.edu.

2011

55. Sikes, R. S., W. L. Gannon, and the Animal Care and Use Committee of the American Society of Mammalogists. 2011. Guidelines of the American Society of Mammalogists for the use of wild mammals in research. *Journal of Mammalogy* 92:235 - 253.

54. Gannon, W. L. 2011. Review of Kunz, T. H. and S. Parsons (editors). 2009. *Ecological and behavioral methods for the study of bats, Second Edition*. Journal of Mammalogy 92: 475-478.

2009

53. Gannon, W. L. 2009. Review of, Sandoe, P., and S. B. Christiansen. 2008. *Ethics of Animal Use*. Journal of Mammalogy 90(6):1495-1497.

52. Gannon, W. L. 2009. Review of Bats in forests: conservation and management by M. J. Lacki, J. P. Hayes, and A. Kurta (eds.). Journal of Mammalogy 90 (2):523-525.

2008

51. Nolte K. B., D. M. Stewart, K. C. O’Hair, W. L. Gannon, M. S. Briggs, A. M. Barron, J. Pointer, R. S. Larson. 2008. Speaking the right language: The scientific method as a framework for a continuous quality improvement program within academic medical research compliance units. Academic Medicine 83:941--948.

2007

50. Gannon, W. L., R. S. Sikes, and the Animal Care and Use Committee of the American Society of Mammalogists. 2007. Guidelines of the American Society of Mammalogists for the use of wild animals in research. Journal of Mammalogy 88:809-823.

49. Gannon, W. L. 2007. Book review of Thorington, RW Jr, and KE Ferrell 2006, *Squirrels: The Animal Answer Guide*. Journal of Mammalogy, 88:846.

2006

48. Gannon, W. L. 2006. Beeps in the night; long-term monitoring of bats at the Rio Grande Nature Center. Bosque Tracks, Fall: 12 – 14.

47. Gannon, W. L. 2006. Book review of, Gannon, M. R., A. Kurta, A. Rodriguez-Duran, and M. R. Willig. 2005. Bats of Puerto Rico: An island focus and a Caribbean perspective. Texas Tech Press, Lubbock, TX, USA. 239 pages. Journal of Mammalogy 87: 635

46. Gannon, W. L., and G. R. Racz. 2006. Character displacement and ecomorphological analysis of two long-eared Myotis (*M. auriculus* and *M. evotis*). Journal of Mammalogy 87:171–179.

2005

45. Sherwin, R. E. and W. L. Gannon. 2005. *Ariteus flavescens*. *Mammalian Species* 787:1–3

44. Sherwin R. E., and W. L Gannon. 2005. Documentation of an urban winter roost of the spotted bat (*Euderma maculatum*). The Southwestern Naturalist 50: 402-407.

43. Rácz, G. R., and W. L. Gannon. 2005. Improving collection maintenance through innovation: Bar-code labeling to track specimens in the processing stream. *Collections; a Journal for Museum and Archive Professionals* 1: 227 - 242.

2004

42. Gannon, W. L., and R. E. Sherwin. 2004. Are acoustic detectors a “silver bullet” for assessing habitat use by bats? Pp 38 - 45 in (Brigham, R. M., E. K. V. Kalko, G. Jones, S. Parsons, H. J. G. A. Limpens, eds), *Bat Echolocation Research: Tools, techniques, and analysis*. Bat Conservation International, Austin, TX, 167 pages

41. Waters, D. A., and W. L. Gannon. 2004. Bat call libraries: management and potential use. Pp 150-157 in (Brigham, R. M., E. K. V. Kalko, G. Jones, S. Parsons, H. J. G. A. Limpens, eds), *Bat Echolocation Research: Tools, techniques, and analysis*. Bat Conservation International, Austin, TX, 167 pages.

2003

40. Gannon, W. L., M. J. O’Farrell, C. Corben, and E. J. Bedrick. 2003. Call character lexicon and analysis of field recorded bat echolocation calls. Pp, 478-484, in *Echolocation in Bats and Dolphins* (J. Thomas, C. Moss, and M. Vater, eds.) University of Chicago Press, Chicago, IL.

39. Gannon, W. L. 2003. Bats; Vespertilionidae, Molossidae, and Phyllostomidae. Ch 3, Pp 56 - 74, In *The Mammals of North America* (G. A. Feldhammer, B. C. Thompson, and J. A. Chapman, eds), John Hopkins Press.

38. Sherwin, R. E., W. L. Gannon, and J. S. Altenbach. 2003. Managing complex systems simply: understanding inherent spatial and temporal variation in the use of roosts by Townsend’s big-eared bat. *Wildlife Society Bulletin*, 31:62-72.

37. Gannon, W. L., R. E. Sherwin, and S. Haymond. 2003. On the importance of articulating assumptions when conducting acoustic studies of habitat use by bats. *Wildlife Society Bulletin* 31:45-61.

2001

36. Steinlein, D. B., L. A. Durden, and W. L. Gannon. 2001. Tick (Acari) infestations of bats in New Mexico. *Journal of Medical Entomology*, 38:609-611.

35. Gannon, W. L., R. E. Sherwin, T. N. deCarvalho, and M. J. O’Farrell. 2001. Pinnae and echolocation call differences between *Myotis californicus* and *M. ciliolabrum* (Chiroptera: Vespertilionidae). *Acta Chiropterologica*, 3 (1): 77-91.

2000

34. Sherwin, R. E., W. L. Gannon, and S. Haymond. 2000. The efficacy of acoustic techniques to infer differential use of habitat by bats. *Acta Chiropterologica*, 2(2), 145 - 153.

33. O’Farrell, M. J., C. Corben, and W. L. Gannon. 2000. Geographic variation in the echolocation calls of the Hoary Bat (*Lasiurus cinereus*). *Acta Chiropterologica*, 2(2): 185 - 196

32. Sherwin, R. E., W. L. Gannon, J. S. Altenbach, and D. Stricklan. 2000. Roost fidelity of Townsend's Big-eared bat in Utah and Nevada. *Transactions of the Western Section of the Wildlife Society*, 36: 56 - 63.

31. Gannon, W. L. and W. Bogdanowicz (eds.). 2000. Contributions to the study of bats: field use of acoustic detectors. *Acta Chiropterologica*, 2(2), 248 pages

1999

30. Gannon, W. L. 1999. *Tamias siskiyou*. In, Complete Book of North American Mammals. (D. E. Wilson and S. Ruff, eds.), Smithsonian Institution Press, Washington, DC.

29. Gannon, W. L. 1999. *Tamias ochrogenys*. In, Complete Book of North American Mammals. (D. E. Wilson and S. Ruff, eds.), Smithsonian Institution Press, Washington, DC.

28. Gannon, W. L. 1999. *Tamias alpinus*. In, Complete Book of North American Mammals. (D. E. Wilson and S. Ruff, eds.), Smithsonian Institution Press, Washington, DC.

27. Gannon, W. L. 1999. *Zapus trinotatus* in, Complete Book of North American Mammals. (D. E. Wilson and S. Ruff, eds.), Smithsonian Institution Press, Washington, DC.

26. O'Farrell, M. J., C. Corben, W. L. Gannon, and B. W. Miller. 1999. Confronting the dogma: A reply. *Journal of Mammalogy*, 80:297-302.

25. O'Farrell, M. J., and W. L. Gannon. 1999. A comparison of acoustic versus capture techniques for the inventory of bats. *Journal of Mammalogy*, 80:24-30.

24. O'Farrell, M. J., B. W. Miller, and W. L. Gannon. 1999. Qualitative identification of free-flying bats using the Anabat detector. *Journal of Mammalogy*, 80:11-23.

1998

23. Gannon, W. L. 1998. Detecting dinner: How bats find their prey and how we know about it. *Zooscape on the Rio Grande*, 30(4): 24-27.

22. Gannon, W. L. 1998. Syntopy between two species of long-eared bats (*Myotis evotis* and *Myotis auriculus*). *The Southwestern Naturalist*, 43:394-396.

1997

21. Gannon, W. L. 1997. Assessing ecological interactions between bat species using morphological and acoustic techniques. Ph.D. dissertation, University of New Mexico, Albuquerque, New Mexico, 109p

20. Hafner, M. S., W. L. Gannon, J. Salazar-Bravo, S. T. Alvarez-Castañeda. 1997. Mammal collections in the Western Hemisphere: A survey and directory of existing collections. Published by the American Society of Mammalogists, Allen Press, Lawrence, Kansas, and 93 p. Find this on

the web at <http://www.mammalsociety.org/committees/index.asp>, then “Systematic Collections Committee,” then, “Mammal Collection.”

19. Mills, J. N., T. G. Ksiazek, B. A. Ellis, P. E. Rollin, S. T. Nichol, T. L. Yates, W. L. Gannon, C. E. Levy, D. M. Engelthaler, T. Davis, D. T. Tanda, J. W. Frampton, C. R. Nichols, C. J. Peters, and J. E. Childs. 1997. Patterns of association with host and habitat: antibody reactive with Sin Nombre virus in small mammals in the major biotic communities of the southwestern United States. *American Journal of Tropical Medicine and Hygiene* 56:273-284.

18. Gannon, W. L. 1997. Calling in the cold of the night. *Zooscape on the Rio Grande*, 29:20- 22.

17. Gannon, W. L., and D. E. Wilson. 1997. Annotated bibliography of James Smith Findley. Pp 29 - 38, in *Life among the Muses: Papers in honor of J. S. Findley* (T. L. Yates, W. L. Gannon, and D. E. Wilson, eds.). *Special Publication*, Museum of Southwestern Biology, No. 3, 290 pp.

16. Gannon, W. L. 1997. Influences of rivers on chipmunk vocalization patterns. Pp 273 - 286, in *Life among the Muses: Papers in honor of J. S. Findley* (T. L. Yates, W. L. Gannon, and D. E. Wilson, eds.). *Special Publication*, Museum of Southwestern Biology, No. 3, 290 pp.

15. Yates, T. L., W. L. Gannon, and D. E. Wilson (eds.). 1997. *Life among the Muses: Papers in honor of James S. Findley. Special Publication*, The Museum of Southwestern Biology, No. 3, 290 pp. (Released 13 March)

1996

14. Gannon, W. L. and M. S. Foster. 1996. Recording mammal calls. Pp 311 - 326 in *Measuring and monitoring biological diversity: standard methods for mammals* (Wilson, D. E., F. R. Cole, J. D. Nichols, R. Rudran, and M. S. Foster, eds.). Smithsonian Institution Press, Washington, DC, 409 pp.

Not peer-reviewed. Gannon, W. L. 1996. New Mexico's bat diversity. Page 5, *Share with Wildlife Bulletin*, Fall 2006.

13. McLaren, S. B., P. V. August, L. N. Carraway, P. S. Cato, W. L. Gannon, M. A. Lawrence, N. A. Slade, P. D. Sudman, R. W. Thorington, Jr., S. L. Williams, and S. M. Woodward. 1996. Documentation standards for automatic data processing in mammalogy, version 2. American Society of Mammalogists, O'Neil Research Center, CMNH, 5800 Baum Blvd, Pittsburgh, PA. 62 pp.

1995

12. Gannon, W. L. 1995. Book review of, "Ecological Morphology: integrative organismal biology. 1994. P. C. Wainwright and S. M. Reilly (eds.), University of Chicago Press, Chicago, 367 pp." *Journal of Mammalogy*, 76:1288-1290.

11. Hjelle, B., B. Anderson, N. Torrez-Martinez, W. M. Song, W. L. Gannon, and T. L. Yates. 1995. Prevalence and geographic genetic variation of Hantaviruses of New World harvest mice (*Reithrodontomys*): Identification of a divergent genotype from a Costa Rican *Reithrodontomys mexicanus*. *Virology*, 207:452-459.

10. Hjelle, B., N. Torrez-Martinez, W. M. Song, B. Anderson, W. L. Gannon, and T. L. Yates. 1995. Genetic identification of a novel Hantavirus in a harvest mice (*Reithrodontomys mexicana*) in Costa Rica. *Journal of Cellular Biochemistry* S19A: 319.

9. Gannon, W. L., and R. B. Forbes. 1995. *Tamias senex*. *Mammalian Species*, No. 502:1-6.

1994

8. Glass, P. J., and W. L. Gannon, 1995. Description of *M. uropataginalis* (new muscle) with additional comments from a microscopy study of the uropatagium of the fringed myotis (*Myotis thysanodes*). *Canadian Journal of Zoology*, 72:1752-1754.

(not peer reviewed) Gannon, W. L. 1994 (April). The *Peromyscus* that roared. Southwest Pest Management Coop Newsletter, April: pages 1-6.

1993

7. Gannon, W. L. 1993. Book review of "Papousek, H., U. Jurgens, and M. Papousek (eds.). 1992. Nonverbal vocal communication: Comparative and developmental approaches. Cambridge University Press and Editions de la Maison des Sciences de l'Homme, Cambridge, 303 pp. *Journal of Mammalogy*, 74:1085-1086.

6. Gannon, W. L., R. B. Forbes, and D. E. Kain. 1992. *Tamias ochrogenys*. *Mammalian Species*, 445:1-4.

1992

5. Frey, J. K., T. L. Yates, D. W. Duszynski, W. L. Gannon, and S. L. Gardner. 1992. Designation and curatorial management of type host specimens (symbiotypes) for new parasite species. *Journal of Parasitology*, 78:930-932.

1991

4. Gannon, W. L., and W. T. Stanley. 1991. Chip vocalization of Palmer's chipmunk (*Tamias palmeri*). *The Southwestern Naturalist*, 36:315-317.

1989

3. Gannon, W. L., and T. E. Lawlor. 1989. Variation in the chip vocalization of three species of Townsend chipmunks (genus *Eutamias*). *Journal of Mammalogy* 70:740-753.

1988

2. Gannon, W. L. 1988. *Zapus trinotatus*. *Mammalian Species* No. 315:1-5.

Non referred. Quantum Magazine. The Muses in the basement. Pg 7-9.

1987

I. Gannon, W. L., and K. S. Kilburn. (Compiled). 1987. *Spamdemonium*: the official field cookbook of the American Society of Mammalogists. The Museum of Southwestern Biology, University of New Mexico, Albuquerque, NM, 68 pp.

What was Once Considered IN Preparation:

- Gannon, W.L., G.R. Racz, T.J. Orr, and J. Sexton (n.d.) Ecological Implications of Winter Activity by Bats in New Mexico. In preparation for *Southwestern Naturalist*.
- Greenlee, E.S., W.L. Gannon, T.J. Orr, and G.R. Racz (n.d.) Accumulation, Analysis and Web Dissemination of Anabat Call Files. In preparation for *Journal of Mammalogy*.
- Orr, T.J., W.L. Gannon, and G.R. Racz (n.d.) Species Account: *Scotinomys xerampulinus*. In preparation for *Journal of Mammalogy*.
- Gannon, W. L., D. S. Tinnin, and R. E. Sherwin. 2003. Spatial and temporal considerations in restoring habitat in a heavily impacted riparian corridor: Don't forget the mammals. *Restoration Ecology* 11.
- Orr, T.J., W.L. Gannon, E.S. Greenlee, G.R. Racz, and M.C. Hawkins (n.d.) Bat Activity in Central New Mexico. In preparation for *Journal of Mammalogy*.
- R. E. Sherwin, and W. L. Gannon. Defining the molecular landscape of Townsend's big-eared bat in Nevada: what are the effective scales of management. *Journal of Wildlife Management* (in prep)
- Sherwin, R. E. and W. L. Gannon. Differential investment into male versus female offspring in the Mexican freetail bat. *Journal of Mammalogy*. (in prep)
- Gannon, W. L., and R. E. Sherwin,. Differential mortality, primary sex ratios, and survivorship in a natural population of neonate Mexican Freetail Bats (*Tadarida brasiliensis mexicana*).
- Sherwin, R. L. and W. L. Gannon. Do females adjust sex ratio: evidence from a population of *Tadarida brasiliensis* (Chiroptera) from 1973-1976. The Linnean Society,
- Sherwin, R. E., and W. L. Gannon. Assessment of the response of resident mammals to the restoration of the Provo River, Heber Utah. *Restoration Ecology*. (in prep).
- Sherwin, R. E., and W. L. Gannon. Techniques for excluding bats from abandoned mines prior to reclamation. *Journal of Wildlife Management*. (in prep).
- Sherwin, R. E., and W. L. Gannon. A primer on the management of bats and abandoned mines: Lessons learned and challenges ahead. (in prep.)
- Gannon, W. L., D. E. Tinnin, and R. E. Sherwin. Small mammal communities in a fragmented NE Utah landscape; can restoration restore this community? *Restoration Ecology*

Gannon, W. L (compiled). 1998. DRAFT Curatorial procedures manual of the Division of Mammals, Museum of Southwestern Biology. Available upon request from author, 120 pp\

Publications Using Research Materials:

Oakland Museum Bat Cave. 2004. Designed by Academy Studios, Novato, CA 94949

Provided species specific and appropriate bat calls in WAV format for permanent exhibit

Adams, R. A. 2004. Bats of the Rocky Mountain west; natural history, ecology, and conservation. University Press of Colorado, Boulder, CO, 289 pp.

Dr. Adams used call spectrograms produced and posted on the Batcall Library throughout the book in all species accounts. See page 114 for acknowledgment (WLG was not asked however).

Bat Conservation International. 2003 Bats. vol 21(4): 13

BCI magazine cites work in Nevada at Coeur Mine for Conservation excellence.

Technical Reports:

Gannon, W. L. and R. E. Sherwin. 2003. Impacts of abandoned mine reclamation on population dynamics and the molecular landscape of Townsend's big-eared bat (*Corynorhinus townsendii*). Final Report to the National Fish and Wildlife Foundation.

Sherwin, R. E., and W. L. Gannon. 2002. Use of abandoned mines by bats on the Payette National Forest (Idaho). Payette National Forest, 110 pp (text + appendices)

Gannon, W. L. 2001. Bat surveys of three state parks (Villanueva, Sam Taylor, and Rio Grande Nature Center) in New Mexico. Share with Wildlife and Hawks Aloft, Santa Fe, NM, 35 pp.

Gannon. 2001. Bat survey of Jemez River near Jemez Dam, Sandoval Co., New Mexico, Parametrix, Inc., Kirkland, WA, 55 pp.

Gannon, W. L. and R. E. Sherwin. 2000. Bats of West Point Military Reservation, West Point, NY, 132 pp Report to Jim Beemer, West Point Military Reservation, USMA.

Gannon and Sherwin. 2000. Rodent surveys (1998-2000) of the Provo River Restoration Project, Heber Valley. 98 pp

Parmenter, R. R., D. C. Lightfoot, and W. L. Gannon. 2000. Capulin Volcano National Monument: listed and category species inventory. Final report for cooperative agreement CA7029-1-0012, subagreement 13. National Park Service, Santa Fe, New Mexico.

Sexton, J. P. 1998. October 1998. 28th Annual North American Symposium on Bat Research, USDA Forest Service, Ouachita National Forest, Hot Springs, AZ. *Wintering behavior in insectivorous bats in New Mexico.* (with J. B. Kendall and W. L. Gannon).

Gannon, W. L. 1998. Acoustic and Netting Survey of the Bats of New Mexico: Final Report. New Mexico Department Game and Fish, Share with Wildlife, 122 pp, Report No. MSBB 98-35 (15 December 1998).

Gannon, W. L. 1998. Bat survey of Five BLM sites in West-Central New Mexico: Final Report to Bat Conservation, 69 pp, Report No. MSBB 98-32 (6 December 1998).

Gannon, W. L. 1998. Final Report Carson National Forest, Jicarilla Ranger District, New Mexico. Data summaries provided by J B. Kendall, P. Campbell, T. N. deCarvalho and, M. S. Burt. Bat Acoustic and Survey Project Report No. MSBB 98-31, 52 pages

Parmenter, R. R., D. C. Lightfoot, and W. L. Gannon. 1998. Capulin Volcano National Monument: Listed and category species inventory. Final Report to the United States Department of the Interior, National Park Service, Cooperative agreement No. CA7029-1-0012, subagreement No. 13, 17 pages

Gannon, W. L. 1997. Bat Survey Final Report, Bureau of Land Management, Farmington District with data summaries provided by John B. Kendall and Radio Tracking Summary Provided by MaryKay A. Ramsey, Report No. MSBB 98-30 (completed 29 March 1998).

Gannon, W. L. 1997. Acoustic and Netting Survey of Bats of New Mexico: Integration and Summation. Share with Wildlife Program, New Mexico Department of Game and Fish, 89 pp (May 29, 1997)

Gannon, W. L. 1997. Bat Survey Final Report, Bureau of Land Management, Taos Field Office, 61 pps. Report No. MSBB 97-17 (completed 15 May 1997)

Gannon, W. L.. 1996. Bat survey of Camp Roberts and Camp San Luis Obispo, California. 11 pp + appendices., MSBB 96-09

Gannon, W. L. 1996. Survey of bats using mist nets and acoustical techniques; Gila National Forest, Reserve District. Report No. MSBB 96-13 (completed 15 August 1996)

Perry, T. W., and W. L. Gannon. 1994. Bat species survey of Holloman and Kirkland Air Force Bases, Report to the Heritage Program, 15 pages. MSBB 94-02

Gannon, W. L. 1994. 1994 bat survey: a report to the Gila National Forest, Reserve District, 21 pp. MSBB 94-03

Gannon, W. L. 1994. Bat survey: A report to the Lincoln National Forest, 70 pp. MSBB 94-04

Invited Research Presentations (Not updated since 2005)

Gannon, W. L. Defining the Molecular Landscape of Townsend's Big-eared bat (*Corynorhinus townsendii*) from central Nevada: Spatial and Temporal Delineation of Populations. Invited talk to Rice University, November, 2005

Gannon, W. L. Habitat use by bats. Invited symposium contribution, Austin, TX, March 2002

Gannon, W. L. Using the natural history model in organizing call files: the batcall web site. Invited symposium contribution, Austin, TX, March 2002

Gannon, W. L. Use of Acoustic Tools to Investigate Differential Use of Habitat by Bats. Invited symposium paper, The Wildlife Society, 27 September 2001, Reno, NV

Gannon, W. L., and W. T. Stanley. Collection Standards and Health of the Resource: A Perspective from the American Society of Mammalogists, Systematic Collections Committee. Presented at the Association of Systematic Collections (ASC) Annual Meeting, Chicago, IL, 7 – 9 June 2001.

Gannon, W. L. Standardization: The critical aspect for a quantitative approach to the analysis of echolocation calls of bats. Symposium paper presented at the American Society of Mammalogists annual meeting, Seattle, WA, 20 June 1999.

Gannon, W. L. Using biological materials collections, talk presented at symposium on Conservation Genetics and Genetics Banks. William L. Gannon and William V. Holt, conveners, at the European-American Mammal Congress, Santiago de Compostela, Spain. 21 July 1998

Gannon, W. L. How bats get bugs. Invited talk at Excellence in Science Symposium, New Mexico Regional Science Fair, 20 March 1998.

Gannon, W. L. *Antrozous pallidus*. Species summary. Western Bat Working Group Workshop. 9-13 February 1998, Reno, NV.

Gannon, W. L. *Myotis auriculus*. Species summary. Western Bat Working Group Workshop. 9-13 February 1998, Reno, NV.

Gannon, W. L. Echolocation and bat detectors. Bat workshop for teachers, 11 October as a workshop of the 26th Annual North American Bat Research Symposium, Tucson, AZ, October 1997

Gannon, W. L. Current issues on the conservation of mammal collections. Paper presented at the International Theriological Congress, 9 September 1997, Acapulco, Mexico.

Invited Presentations: Service and Outreach (not updated since 2010)

27 March 2018. Gannon, W L. 2018. Meeting requirements willfully: supporting the notion that ethics is good for you. UNM Honors college

16 January 2010: Update on acoustic monitoring project at the Rio Grande Nature Center – Birds and Bats Winter extravaganza. 200 attendees

May 2009: Are bats indicators of global temperature change? New Mexico Museum of Natural History, Special Lecture. 450 attendees.

14 January 2006. Seeing in the dark; monitoring bats at the Rio Grande Nature Center. 2006 Winter Bird and Bat Festival. Rio Grande Nature Center State Park.

18 December 2005. Bats! The Nature Center, Albuquerque Bosque, 200 people

6-7 December 2004. 21st Century Challenges: Keeping Pace with Changing Research Programs and Technology. Scientists Center for Animal Welfare, San Antonio, Texas

31 October 2003. Featured “expert” on NPR’s Science Friday with Ira Flatow, hour-long live broadcast on bats and bat ecology.

September 2003, “Bats’ night out!” invited talk to fundraiser and dinner program, Rio Grande Nature Center, Albuquerque, New Mexico, 150 participants

“Collection Management in a Nature Center,” invited talk to the American Association of Nature Center Administrators at the Nature Center, Albuquerque, New Mexico, 120 participants.

“Bat Acoustics,” invited talk at the Nature Center State Park as featured presentation, part of Bird and Bat Extravaganza, an all-day sponsored event for the community of Albuquerque

“Describing Bat Call Shape Statistically” invited by the Statistics Group of the UNM Department of Statistics, 6 March 1998.

“Teaching Teachers About Bat Calls” invited by the Arizona Association of Science Teachers to address 85 science teachers, 9 October 1997.

Scientific Presentations (working on updating this; not maintained between 2007- 2015)

2016

- Gannon, W. L., and Sue Wilder: 2016 Presented “Pedagogical Demonstration: Student Perspectives of a Blended Learning Approach to Teaching Research Ethics” Twenty-fifth Annual Conference, Hyatt Regency Reston Hotel in Reston, Virginia on February 18 - 21, 2016.
- Gannon, W. L., 2016 Research Ethics. Association of Research Integrity Officers, Denver, CO, September 28th - September 30th, Warwick Denver Hotel
- Gannon, W. L., 2016 “Promoting the Responsible Conduct of Research for College and University Leaders” Office of Research Integrity meeting, Marina del Rey (Los Angeles), 14-15 April 2016.
- Gannon, W. L., 2016. Academic publishing, tips and pitfalls. 17 February 2016. SUB 3rd floor, University of New Mexico.

2015

- Gannon, W. L. presented “An Individualized Approach to Responsible Conduct of Research (RCR) Training: A Frightful Approach at Changing Cultures in Research Ethics” and session chair (“Ethics and Non-Clinical Research”, “Compensation for Participation in Controlled Human Subjects research.”) Association for Practical and Professional Ethics 24th Annual Conference was held at the Hilton Orange County, Costa Mesa Hotel in Costa Mesa, California on February 19 - 22, 2015.

2010

- Gannon, W. L. 2010. Overview of the Anabat project. Bird and Bat Festival. Rio Grande Nature Center, 16 January 2010.
- Gannon, W. L. 2010. UNM’s Scientific Integrity Plan and response to new NSF and NIH RCR training requirements. 16 April 2010, Responsible Conduct of Research Spring Symposium: RCR Basics and training a new generation. SUB Ballroom C, University of New Mexico, Albuquerque, NM.

2009

- Kavanaugh, J. P., J. L. Dunnum, W. L. Gannon, and J. A. Cook. 2009. Integration of the University of Illinois collection complements mammalogy at the Museum of Southwestern Biology. Paper 105, American Society of Mammalogists, Annual Meeting, 25-28 June 2009

2006

- Margo V. Dimas, Teri J. Orr, Blair O. Wolf, William L. Gannon. Is nitrogen enriched between parasites and host? *Neotoma albigula* and Bot Flies (*Cuterebra sp.*): An empirical test of nitrogen enrichment in food webs. Ecological Society of America, Memphis, TN August 2006
- Melissa Hawkins, Camille J. McClarin, William L. Gannon, Gabor R. Racz, and Teri J. Orr. Correlations between bat activity and climate in the Rio Grande Bosque, New Mexico. Ecological Society of America, Memphis, TN August 2006
- Erin M. Jackson, William L. Gannon, and Gabor R. Racz. Is sound space saturated? Ecological Society of America, Memphis, TN August 2006
- Rachel A. Sampson, Camille J. McClarin, and William L. Gannon. A spatial and temporal analysis of bat rabies testing and infection. Ecological Society of America, Memphis, TN August 2006

2005

- Seamster, Virginia, Henry Wilbur, Robert Parmenter, William Gannon, and Paul Polechla. 2005. Coyote (*Canis latrans*) relative abundance and resource use on the Valles Caldera National Preserve, New Mexico. Poster presented (ASM??) Behavioral

2004

- Orr, T.J, M.C. Hawkins, and W.L. Gannon (2004) Temporal Patterns of Bat Activity in the Central Rio Grande Bosque. Poster presented at the Southwestern Association of Biologists (SWAB) Meeting in Portal, Arizona.

2003

- Gannon, W. L., and R. E. Sherwin, and J. W. Dragoo. 2003. Defining the molecular landscape of Townsend's big-eared bat (*Corynorhinus townsendii*) from central Nevada: Spatial and temporal delineation of genetic populations. Abstract page 38 from the 33rd North American Symposium for Bat Research. Lincoln, Nebraska 8-11 October 2003. (Presented by William L. Gannon).
- Greenlee, E.S., W.L. Gannon, T.J. Orr, and G.R. Racz (2003) Accumulation, Analysis and Web Dissemination of Bat Call Files. Paper presented at the Ecological Society of America's 88th Annual Meeting in Savannah, Georgia.
- Greenlee, E. S., G. R. Racz, W. L. Gannon, and T. J. Orr. Design of computerized filters for anabat call data. An oral presentation to the Ecological Society of America annual meeting, Savannah River, Georgia, August 2003.
- Greenlee, E. S., G. R. Racz, W. L. Gannon, and T. J. Orr. Design of computerized filters for anabat call data. A poster presentation to the Graduate Education and Professionalism Annual Meeting (sponsored by NSF), at New Mexico Tech, Socorro, NM, September 2003.
- Greenlee, E.S., W.L. Gannon, T.J. Orr, and G.R. Racz (2003) Accumulation, Analysis and Web Dissemination of Bat Call Files. Poster presented at the New Mexico-Alliance for Graduate Education and the Professoriate in Socorro, New Mexico.
- Orr, T. J., W. L. Gannon, E. S. Greenlee. Bat call libraries. A poster presentation to the Graduate Education Professionalism Annual Meeting (sponsored by NSF), at New Mexico Tech, Socorro, NM, September 2003. This poster won FIRST PLACE for a student award.
- Orr, T.J., W.L. Gannon, E.S. Greenlee, and G.R. Racz (2003) A Continuously Operating Acoustic Monitoring Station for Bats in Central New Mexico. Paper presented at the Ecological Society of America's 88th Annual Meeting in Savannah, Georgia.
- Orr, T.J., W.L. Gannon, E.S. Greenlee, G.R. Racz (2003) An Acoustic Monitoring Station for Long-term Assessment of Bat Activity in Central New Mexico. Poster presented at the New Mexico-Alliance for Graduate Education and the Professoriate in Socorro, New Mexico.
- Orr, T. J., W. L. Gannon, E. S. Greenlee. Bat call libraries. An oral presentation to the Ecological Society of America annual meeting, Savannah River, Georgia, August 2003

2002

- Gannon, W. L. and R. E. Sherwin. 2002. Bat detectors: a silver-bullet misfired? Echolocation Symposium. Austin, Texas. April 2002. (Presented by William L. Gannon).
- The Rio Grande Nature Center. 2002. Bat talk: take it from the top (interview with Gannon and Racz on bat monitoring). Bosque Tracks pg 8-9.

2001

- Bavin, A. L., W. L. Gannon, and G. Racz. Digital analysis versus hand-calipers in morphometrics. American Society of Mammalogists, 81st Annual Meeting, 16 June 2001. Missoula, MT
- Gannon, W. L., and R. E. Sherwin. 2001. On the importance of articulating assumptions when conducting acoustical surveys. 8th Annual Conference of the Wildlife Society. Reno, Nevada. 25-29 September 2001. Presented by William L. Gannon.
- Gannon, W. L., R. E. Sherwin, S. Haymond, and James Beemer. 2001. Use of acoustical tools to investigate differential use of habitat by bats. Session 23 (abstracts page 134) of the 8th Annual Conference of the Wildlife Society. Reno, Nevada. 25-29 September 2001.
- Gannon, W. L., and R. E. Sherwin. Oh Bat Brother Where Art Thou? Management implications of bat habitat assessments. 31st North American Bat Research Symposium, Victoria, Canada, 27 October, 2001.
- Gannon, W. L. and R. E. Sherwin. Small Mammal Surveys and Restoration Ecology: The Importance of Long-term Commitment. American Society of Mammalogists, 81st Annual Meeting, 16 June 2001. Missoula, MT.
- Greenlee, E. S., R. E. Sherwin, W. L. Gannon, and J. Scott Altenbach. The short-term impacts of abandoned mine reclamation on Townsend's big-eared bat (*Corynorhinus townsendii*) in New Mexico and Utah. 31st North American Bat Research Symposium, Victoria, Canada, 27 October, 2001
- Hawkins, M. C., D. S. Sower, G. Racz, T. J. Orr, and W. L. Gannon. 2001. Things that beep in the night: Long-term monitoring of bats at the Rio Grande Nature Center.
- Jackson, E. M., W. L. Gannon, and R. E. Sherwin. Testing the acoustic guild hypothesis in insectivorous bats. American Society of Mammalogists, 81st Annual Meeting, 16 June 2001. Missoula, MT. This undergraduate student won **BEST STUDENT PAPER award**.
-
- Kendall, J. B., W. L. Gannon, R. E. Sherwin, J. P. Sexton. 2001. Activity of bats in New Mexico during winter. Arizona/New Mexico Chapters of the Wildlife Society, 34th Joint Annual Meeting, 1-3 February 2001.
- Orr, T. J., W. L. Gannon, and G. Racz. Museum data documenting signs of recent change in distribution range of different mammalian species. American Society of Mammalogists, 81st Annual Meeting, 16 June 2001. Missoula, MT
- Orr, T.J., G.R. Racz, and W.L. Gannon (2001) Museum Data Documenting Signs of Recent Change in Distribution Ranges of Different Mammalian Species. Poster presented at the 81st American Society of Mammalogists Meeting, Missoula Montana.

2000

- Kendall, J. L., W. L. Gannon, R. E. Sherwin, and J. Sexton. Wintering activity of bats in New Mexico. Annual meeting of the New Mexico and Arizona Chapter of the Wildlife Society, Gallup, NM, Feb, 2000
- Sherwin, R. E., J. S. Altenbach, W. L. Gannon, and D. Stricklan. When is enough enough? Roost fidelity in Townsend's Big-eared Bat (*Corynorhinus townsendii*) through space and

time. Western Section of the Wildlife Society, Riverside, CA, February 7, 2000. This presentation won **BEST STUDENT PAPER award**.

1999

- Ballantyne, F., IV, R. E. Sherwin, and W. L. Gannon. The use and abuse of echolocation call data to infer patterns of bat activity. 29th Annual North American Symposium of Bat Research, University of Wisconsin, Madison, 28 October 1999.
- Gannon, W. L., M. J. O'Farrell, C. Corben, and E. J. Bedrick. Analysis and interpretation of field recorded bat echolocation calls using Anlook. Paper 203 at the 79th American Society of Mammalogists Annual Meeting, University of Washington, Seattle, WA, 20 -24 June 1999
- O'Farrell, M. J., C. Corben, and W. L. Gannon. Geographic variation in the echolocation calls of the Hoary Bat (*Lasiurus cinereus*). American Society of Mammalogists annual meeting, Seattle, WA, 20 June 1999.
- Sanchez-Brown, T. and W. L. Gannon. Web-based echolocation call voucher system: Interactive session. 29th Annual North American Symposium of Bat Research, University of Wisconsin, Madison, 28 October 1999.
- Sherwin, R. E., and W. L. Gannon. Differential mortality, primary sex ratios, and survivorship in a natural population of neonate Mexican Freetail Bats (*Tadarida brasiliensis mexicana*). 29th Annual North American Symposium of Bat Research, University of Wisconsin, Madison, 28 October 1999.

1998

- Burt, M. S. and W. L. Gannon. Patterns of chiropteran diversity in New Mexico: ecological and geographical correlates. 78th Annual Meeting of the American Society of Mammalogist, Blacksburg, VA, 7 June 1998.
- Burt, M. S. and W. L. Gannon. Patterns of chiropteran diversity in New Mexico: ecological and geographical correlates. Paper 107 at the 45th Annual Meeting of the Southwestern Association of Naturalists, Albuquerque, NM, 10 April 1998.
- deCarvalho, T. N., William L. Gannon, and Luis A. Ruedas. Concordance of bat ear shape and echolocation call structure. Paper 54 at the 45th Annual Meeting of the Southwestern Association of Naturalists, Albuquerque, NM, 10 April 1998. This paper won **BEST STUDENT PAPER award**.
- Gannon, W. L. and M. S. Burt. Relationship between bat foraging behavior and echolocation call. Paper 108 at the 45th Meeting, the Southwestern Association of Naturalists, Albuquerque, NM, 10 April 1998.
- Gannon, W. L., M. S. Burt, and M. J. O'Farrell. Bat foraging behavior and echolocation calls. 78th Annual Meeting of the American Society of Mammalogist, Blacksburg, VA, 8 June 1998.
- Yates, T. L., W. L. Gannon, J. W. Dragoo, and C. A. Parmenter. Information management, biological diversity, and frozen tissues: The museum conscience, symposium on Conservation Genetics and Genetics Banks. William L. Gannon and William V. Holt, conveners, at the European-American Mammal Congress, Santiago de Compostela, Spain. 21 July 1998

1997

- Burt, M. S. and W. L. Gannon. Patterns of chiropteran diversity in New Mexico: ecological and geographical correlates from four years of field work. 26th Annual North American Bat Research Symposium, Tucson, AZ, October 1997.
- Contos, L. M., and W. L. Gannon. 1997. Ethical considerations for field research: The Field Protocol. Animal Ethics Symposium, Albuquerque, NM, 1 June 1997.
- Deans, A. R., D. T. Scott, J. B. Kendall, and W. L. Gannon. 1997. 26th Annual North American Bat Research Symposium, Tucson, AZ, October 1997.
- deCarvalho, T. N., W. L. Gannon, J. B. Kendall, A. R. Deans, and R. B. Fagerlund. Prey selection by insectivorous bats in New Mexico: A consideration of sampling bias. 26th Annual North American Bat Research Symposium, Tucson, AZ, October 1997
- Gannon, W. L. 1997. Comparison of netting versus acoustics in determining bat species diversity. New Mexico-Arizona Chapter of the Wildlife Society, Gallup, New Mexico, 10 February 1997.
- Gannon, W. L., and C. Corben. [HTTP://biology.UNM.EDU/~batcall](http://biology.UNM.EDU/~batcall) An interactive web page. 26th Annual North American Bat Research Symposium, Tucson, AZ, October 1997.
- Gannon, W. L., and M. J. O'Farrell. 1997. Can free flying insectivorous bats be identified by their calls? Abstract 10 of the 77th Annual Meeting of the American Society of Mammalogists, Oklahoma State University, Stillwater, Oklahoma., 14-18 June 1997.
- Hafner, M. S., W. L. Gannon, J. Salazar-Bravo, S. T. Alvarez-Castañeda. 1997. Survey of mammal collections in the Western Hemisphere. Seventh International Theriological Congress, 6-11 September 1997, Acapulco, Mexico.
- Racz, G., J. W. Drago, W. L. Gannon, P. G. Wilbur, and Terry L. Yates. Locator database for managing tissue collections for systematic studies. Seventh International Theriological Congress, 6-11 September 1997, Acapulco, Mexico.
- Ruedas, L. A., T. L. Yates, and W. L. Gannon. Mammalian collections care: Toward a higher standard. Seventh International Theriological Congress, 6-11 September 1997, Acapulco, Mexico.
- Salazar Bravo, J., W. L. Gannon, M. S. Hafner, and S. T. Alvarez-Castañeda. Latin America: status of collections and management concerns ten years later. Seventh International Theriological Congress, 6-11 September 1997, Acapulco, Mexico.

1996

- Gannon, W. L. and J. P. Sexton. 1996. Bat survey of New Mexico: 1996 winter results. Southwestern Association of Naturalists (SWAN), 18-20 April 1996, University of Texas, Pan American, Edinburg and McAllen, TX, MSBB 96-11. **BEST STUDENT PAPER**
- Gannon, W. L., and J. P. Sexton. 1996. Evaluation of bat diversity in New Mexico using the Anaba detectort. Abstracts page 18 of the 26th Annual North American Symposium on Bat Research, 23-26 October 1996, Illinois Wesleyan University, Bloomfield, IL.
- Gannon, W. L. 1996. Ecomorphological analysis of character displacement in the Southwestern Myotis (*Myotis auriculus*) and the Long-eared Myotis (*Myotis evotis*).

American Society of Mammalogists, 76th Annual Meeting, University of North Dakota, Grand Forks, North Dakota 19 June 1996.

- Gannon, W. L. 1996. New Mexico bat survey: Results 1994-1995. Four Corners Bat Symposium, sponsored by the Colorado Bat Society, 26-28 January 1996, Durango, CO.
- Gannon, W. L., D. T. Scott, A. G. Hawk, and A. R. Deans. 1996. New Mexico bat survey: Capture and acoustic results, 1994-1995. Four Corners Bat Conference, 26 January 1996, Durango, CO. MSBB 96-08
- Scott, D. T., A. R. Deans, and W. L. Gannon. 1996. The parasites associated with bats from New Mexico and California, USA, and Baja California Sur, Mexico. Four Corners Bat Conference, 27 January 1996, Durango, CO. MSBB 96-10
- Sexton, J. P., and W. L. Gannon. 1996. Bat wintering in New Mexico. 26th Annual Bat Research Symposium, 15 October, Bloomfield, IL.

1995

- Gannon, W. L. 1995. Ecomorphological evaluation of character displacement in the Southwestern Myotis (*Myotis auriculus*) and the Long-eared Myotis (*Myotis evotis*). Tenth International and 25th North American Bat Research Symposium, Boston, MA, 8 August 1995. MSBB 95-07
- Gannon, W. L. 1995. Bat survey of New Mexico. Arizona and New Mexico joint annual meeting of the Wildlife Society and American Fisheries Society, 28th annual joint meeting, Gallup, NM, 9-11 February 1995

1994.

- Gannon, W. L. 1994. Acoustic and netting survey of the bats in New Mexico: Year 1. Southwestern Association of Biologists (SWAB), annual meeting, Ghost Ranch, Abiquiu, NM, 1 October 1994. MSBB 94-01
- Scott, D. t., S. R. Davenport, T. W. Perry, and W. L. Gannon. 1994. Distribution of ectoparasite taxa among New Mexican bat species and sexes. Southwestern Association of Biologists (SWAB), annual meeting, Ghost Ranch, Abiquiu, NM, 1 October 1994. MSBB 94-01
- Gannon, W. L. 1994. Acoustic survey of bats in New Mexico. Paper 228 of the 75th Anniversary meeting of the American Society of Mammalogists, Smithsonian Institution, Washington, D.C., 18-23 June 1994.
-

Prior to 1994 - 23 presentations. First presentations were at the International Theriological Congress in Edmonton, Canada in 1982 and at ASM Snowbird UT

1991. Gannon, W. L., F. W. Davis, J. K. Frey, and T. L. Yates. 1991. Information retrieval of biological materials at the Museum of Southwestern Biology. Paper 118 at American Society of Mammalogists, 71st Annual Meeting, 15-19 June 1991. Kansas State University and Konza Prairie, Manhattan, KS

1991. Gannon, W. L. 1991. Behavioral reactions of *Onychomys* and *Peromyscus* to cross-fostering manipulations. Paper 171 at American Society of Mammalogists, 71st Annual Meeting, 15-19 June 1991. Kansas State University and Konza Prairie, Manhattan, KS

1990. Gannon, W. L. 1990. Ontogeny of *Onychomys* vocalizations using cross-fostering techniques. Paper at American Society of Mammalogists, 70th Annual Meeting, 9-13 June 1990. Frostburg State University, Maryland.

1990. Gannon, W. L., and R. U. Gutierrez. 1990. Natural History Museum Maintenance; Results from a global survey. Presented to the Fifth Annual Meeting of the Society for the Preservation of Natural History Collections, Field Museum of Natural History, Chicago, IL, 7-11 May 1990.

1990. Gannon, W. L. 1990. DBMS: LANS, BITNET, INTERNET, and other CompuSpeak Abbreviations. Presented to the Fifth Annual Meeting of the Society for the Preservation of Natural History Collections, Field Museum of Natural History, Chicago, IL, 7-11 May 1990.

1989. Gannon, W. L. Museum Computerization: LAN ho! Paper 70 at American Society of Mammalogists, 69th Annual Meeting, 11-15 June 1989. University of Alaska, Fairbanks.

1989. Gannon, W. L., and W. T. Stanley. Chip vocalization of Palmer's chipmunk (*Eutamias palmeri*). Paper 179, at American Society of Mammalogists, 69th Annual Meeting, 11-15 June 1989. University of Alaska, Fairbanks.

1988. F. W. Davis, T. L. Yates, and W. L. Gannon. 1988. Ancillary data management at the Museum of Southwestern Biology. Paper 39 at the American Society of Mammalogists, 68th Annual Meeting, 19-23 June 1988. Clemson University, South Carolina

1988. Gannon, W. L. 1988. An examination of vocalization characters at species contact zones. Paper 222 at the American Society of Mammalogists, 68th Annual Meeting, 19-23 June 1988. Clemson University, South Carolina.

1987. Gannon, W. L. and T. E. Lawlor. 1987. Geographic variation of alarm calls in three species of chipmunks (genus *Eutamias*). Paper 100 at the American Society of Mammalogists, 67th Annual Meeting, 21-25 June 1987, University of New Mexico, Albuquerque, NM.

1987. Gannon, W. L. 1987. A museum information retrieval system: dBase III in practice. Paper 70 at the American Society of Mammalogists, 67th Annual Meeting, 21-25 June 1987, University of New Mexico, Albuquerque, NM.

1987. Gannon, W. L. 1987. A museum information retrieval system: dBase III in practice. Paper 127 at the International Symposium on Latin American Mammalogy, Cancun, Quintana Roo, Mexico 28-30 June 1987.

1985. Gannon, W. L. Geographic variation in vocalizations among chipmunks (*Eutamias*). Abstract 215, session S24. Fourth International Theriological Congress, Edmonton, Canada, 13-20 August 1985

Organized Symposia (not updated since 2009)

Spring Ethics Symposium: Fostering Integrity in Research – Issues and Topics on the Cutting Edge in Research Ethics; 28 April 2009. 65 attendees.

Spring Ethics Symposium: Compliance at the University of New Mexico; April 2008. 75 attendees

Using Acoustics for the survey of Bats. William L. Gannon, convener, at the American Society of Mammalogists annual meeting, Seattle, WA, 20 June 1999.

Conservation Genetics and Genetics Banks. William L. Gannon, convener, European-American Mammal Congress, Santiago de Compostela, Spain. 21 July 1998

Conservation Materials for natural history collections. William L. Gannon, convener, at the Society for the Preservation of Natural History Collections, Field Museum of Natural History, Chicago, IL, August 1993.

Workshop Leader

Workshop on Collection Management. 1999. American Association of Nature Center Administrators at the Nature Center, Albuquerque, New Mexico

Workshop on the operation of the Anabat bat detector system (with Chris Corben and Mike O'Farrell), Portal, AZ, May 1999

Bats of New Mexico, State Working Group. State Meeting 7 August 1999. Bandelier NP.

New Mexico Bat State Working Group, 20 February 1999, Sheraton Old Town, Albuquerque, NM.

Workshop on Systematic Collection Management. International Theriological Congress, Acapulco, MX, September 1997. W L Gannon convener of 18 papers from 13 countries.

Workshop on the operation of the Anabat bat detector system (with Chris Corben and Mike O'Farrell), Ft. Collins, CO, May 1998.

Workshop on the operation of the Anabat bat detector system (with Chris Corben and Mike O’Farrell), 1-3 May 1996. Attended by 23 participants from across the US. Held in St. George, Utah.

Awards and Grants -Current and Pending Support – William Gannon

Ongoing Research Support

Synthetic P-bodies: Coupling gene expression and ribonucleoprotein granules in synthetic cell vesicles for sensing and response
National Science foundation Award No.: 21-0589
\$992,280
Co-PI
9/2021 – 10/2025

Support type:	Current
Project Title:	Undergraduate Nurturing Opportunities (UNO) in the Biological Sciences in the Southwestern U.S.
Source of Support	National Science Foundation
Total award amount:	\$1.1 M
Project role:	Co-PI
Total award period:	2/2008 - 3/2012
Local of project:	University of New Mexico
Person-months per year committed to the project:	0.0 calendar month 0.0 academic months 0.0 summer months

Support type:	Current
Project Title:	Curation, data basing & integration of orphaned Illinois mammal collection
Source of Support	National Science Foundation Collaborative Proposal
Total award amount:	\$259,200
Project role:	Co-PI
Total award period:	4/2008 – 5/2012
Local of project:	University of New Mexico
Person-months per year committed to the project:	0.0 calendar month 0.0 academic months 0.0 summer months

Support type:	Current
Project Title:	Improved housing of wolf (<i>Canis lupus baileyi</i>) specimens and its conservation in New Mexico
Source of Support	US Fish and Wildlife Service

Total award amount:	\$259,200
Project role:	PI
Total award period:	9/2004 – 10/2011
Local of project:	University of New Mexico
Person-months per year committed to the project:	0.0 calendar month 0.0 academic months 0.0 summer months

Support type:	Pending
Project Title:	UNM International research ethics education and curriculum development
Source of Support	National Institutes of Health - International Research Ethics Education and Curriculum Development Award (R25)
Total award amount:	\$1.2 M
Project role:	Co-PI, PI is R. Durvasula (UNM)
Total award period:	03/31/2011 – 02/29/2016
Local of project:	University of New Mexico
Person-months per year committed to the project:	0.0 calendar month 0.0 academic months 0.0 summer months

Support type:	Pending
Project Title:	Geospatial privacy: Legal, social and ethical implications for users of geocoded data
Source of Support	National Science Foundation
Total award amount:	\$401,427
Project role:	Co-PI, PI in John Carr (UNM)
Total award period:	07/31/2011 - 06/30/2014
Local of project:	University of New Mexico
Person-months per year committed to the project:	0.0 calendar month 0.0 academic months 0.0 summer months

AWARD, COMPETED

National Fish and Wildlife Foundation. \$235,000. Impacts of abandoned mine reclamation on population dynamics and the molecular landscape of Townsend’s big-eared bat (*Corynorhinus townsendii*). Year III. (Co-PI with R. E. Sherwin) Dec 2005 through Dec 2006.

National Fish and Wildlife Foundation. National Fish and Wildlife Foundation. \$185,000.00. Effects of landscape-level perturbations on population dynamics and landscape genetics of breeding colonies of temperate bats. Year 2. (co-PI, R. E. Sherwin) May 2004 - May 2005

Improved housing of wolf (*Canis lupus baileyi*) specimens and its conservation in New Mexico. U. S. Fish and Wildlife Service, \$2,000

National Science Foundation, ORNIS - An Integrated, Distributed, Enriched, and Error-checked ORNithological Information System, \$120,000, July 2003

Molecular Perspectives on Tongass Wildlife Management: Genetic Structure of Southern Red-backed Vole (*Clethrionomys gapperi*) Populations of Southeast Alaska (This is in conjunction with J. A. Cook). \$35,000 (2003 -2005)

Wolf (*Canis lupus baileyi*) conservation in New Mexico. U. S. Fish and Wildlife Service, \$5,000

National Fish and Wildlife Foundation. \$183,100.00. Impacts of abandoned mine reclamation on population dynamics and the molecular landscape of Townsend's big-eared bat (*Corynorhinus townsendii*). Year I. (Co-PI with R. E. Sherwin). April 2003 - April 2004.

NASA Pursue grant (with student Erin Greenlee). \$45,000. Continental Anabat Monitoring Program: Design and Implementation, University of New Mexico NASA program.

\$400,000 UMEB: Undergraduate Career Enhancement and Training in Ecological Studies in New Mexico. National Science Foundation. Aug 2001 - July 2005. (co-PI, Robert R. Parmenter)

NASA Pursue grant (with student Erin Greenlee). \$22,500. Continental Anabat Monitoring Program. Technical setup and design, University of New Mexico NASA program.

National Science Foundation, \$56,000. Development of an Integrated Network for Distributed Databases of Mammal Specimen Data (MaNIS), collaboration with 17 museum collections project based at the Museum of Vertebrate Zoology, University of California, Berkeley.

REU supplement to DEB 9876826 award, "Improvement of the Museum of Southwestern Biology's Biological Materials Collections: A genetic Resource for the 21st Century" \$26,000.

Improvement of the Museum of Southwestern Biology's Biological Materials Collections: a genetic resource for the 21st century. (co-PI's, T. L. Yates and L. A. Ruedas), \$86,987 National Science Foundation, Collection Improvement announcement.

United States Military Academy, West Point, NY: US Army, Bat species inventory and habitat assessment on the properties of the West Point, New York. \$22,500.

U. S. Fish and Wildlife Service, Wolf (*Canis lupus baileyi*) specimen management and housing. \$10,000

New Mexico Department of Game and Fish, Share with Wildlife Program 1999. Mammals of New Mexico, Second Edition, setup and evaluation. \$2,000.

National Science Foundation,. Knowledge Networking of Biodiversity Information. NSF - KDI/KN program, \$2,000,000 (9/98 - 8/01). (substitute PI for T Yates, J. Gosz, co-PI)

National Science Foundation, REU Supplement request to ‘Relocation and compactorization of the Museum of Southwestern Biology (MSB)’ award DEB 9632471. (co-PI, T. K. Lowrey), \$20,625

National Geospatial Data Clearinghouse of State Biodiversity Laws and Policies and the Systematics, Ecology, and Life History of Mammals of the Southwest. The purpose of this project is to adapt the existing data collections of CWL and MSB to the draft National Biological Information Infrastructure (NBII) standards for biological data which are in accordance with the Federal Geographic Data Committee (FGDC)-endorsed Content Standards for Digital Geospatial Metadata. \$90,000.

Institute of Museum Services, MAP I, \$1800.

Other Awards:

University of New Mexico Graduate Tuition Fellowship, 1991-1992

Museum Assessment Program I (MAP I), 1990.

Grants-in-Aid award American Society of Mammalogists, 1990

Graduate Student Research Allocations Committee award (GRAC), 1990

Student Research Allocations Committee (SRAC), 1990

Contracts

Bat Survey 2002: Assessment of Las Vegas (NM) overpass as habitat (\$1500)

Bat Survey 2002: Payette Forest abandoned mines, \$17,000

Bat Survey 2001: Jemez Dam, NM in consultation with Parametrix Inc. \$14,000.

Bat Survey 1999-2000: Bat Survey of West Point Military Reservation, New York, \$22,000

Bat Survey 1998: Bureau of Land Management, Farmington, NM. Year III, \$14,000

Bat Survey 1998: Bat Conservation International survey of BLM lands at 5 NM sites, \$5,000

Bat Survey 1998: New Mexico Department of Game and Fish, Share with Wildlife Program,

Bat Survey 1998: US Fish and Wildlife Service (\$11,733)

Bat Survey 1997: Bureau of Land Management, Farmington, NM (\$7,000)

Bat Survey 1997: New Mexico Department of Game and Fish, Share with Wildlife Program,

Bat Survey 1997: Bureau of Land Management, Socorro (\$4000)

Bat Survey 1997: Capulin Volcano National Monument: National Park Service(\$12,372)

Bat Survey 1996: Bureau of Land Management, Farmington (\$7000)

Bat Survey 1996: New Mexico Department of Game and Fish, Share with Wildlife Program.

Bat Survey 1995: US Forest Service- Taos, Carson District (\$7000)

Bat Survey 1995: Bureau of Land Management, Farmington (\$7000)

Bat Survey 1996: Bureau of Land Management, Socorro (\$4000)

Bat Survey 1995: New Mexico Department of Game and Fish, Share with Wildlife Program.

Bat Survey 1995: Gila National Forest, Reserve District, Reserve, NM. (\$4000)
Bat Survey 1995: Bureau of Land Management, Chama District, (\$4000)
Bat Survey 1995: Camp Roberts and Camp San Luis Obispo, CA US Army (\$9000)
Bat Survey 1994: New Mexico Department of Game and Fish, Share with Wildlife Program,
Bat Survey 1994: Lincoln National Forest, Alamogordo, NM (\$2500)
Bat Survey 1994: Gila National Forest, Reserve District, Reserve, NM (\$4000)
Bat Survey 1994: Holloman Air Force Base and Kirtland Air force Base, US Air Force, (\$7500)

III PROFESSIONAL ORGANIZATIONS AND COMMITTEES

Journal of Environmental Ethics
Society for Ecological Restoration – member 2001-2005
The Wildlife Society – member from 1983-1989; 2001-2002; 2005-2008
American Society of Naturalists - member 1988-1998
Ecological Society of America - member 1995-2000, 2006- 2009
Southwestern Association of Naturalists - member 1989-2005
Northwestern Naturalist - member 1999-2005
Bat Research News - member 1993-2005

Journal Editor: Editor for Reviews (2001 - 2013), *Journal of Mammalogy*; Associate Editor (2004 to 2013);
Acta Chiropterologica; Review Board – 2002 - present
Journal of Theoretical and Applied Ethics – reviewer (2010 to present).
Research Ethics Advisory Committee – UNM – Chair 2008 - present
Kennedy Institute of Ethics, member, Georgetown University (since 2007)
Association of Professional and Practical Ethics (APPE), 2010 - present
American Society of Mammalogists (ASM) – member 1980 - present; (**Patron Member** 1998)
Philosophy Now – member 2012 – present
Journal of Scientific and Engineering Ethics – Reviewer 2014 - present
New Scientist – member 2011 - present

SERVICE

Information Retrieval Committee (ASM) - member since 1988
Regulations and Permitting Committee (ASM) - member since 1997
Systematic Collections Committee (ASM) - member since 1990; **Committee Chair** 1996-2001
Resolutions Committee (ASM) – member since 2000
Animal Care and Use Committee (ASM) – member since 2001; **Committee Chair** 2004-2007
Main Campus (UNM-IACUC) Animal Care and Use Committee – member since 1993
(**Committee Chair**, 1997-1999; 2004-2008)
Health Science Center (UNM-IACUC) Animal Care and Use Committee –**Committee Chair**,
2004-2008)
New Mexico Bat Working Group, **Chair** 1998- 2000
Western States Bat Working Group, member, 1986 – 2000
Local Committee, Southwestern Association of Naturalists, April, 1998, Albuquerque, NM
Local Committee, American Society of Mammalogists, June 1987. Albuquerque, NM
Local Committee, American Society of Mammalogists, June 1985. Arcata, CA

Board Member, The Rio Grande Nature Center State Park Advisory Board, Appointed 1995.
Associate Editor, *Journal of Mammalogy*, and Appointed 2001-2004; renewed through 2005
co-Chair, Local Committee, American Society of Mammalogists, June 2007. Albuquerque, NM
President, Secretary, member; Montezuma Elementary School Parent-Teacher Association (PTA)
2005 – 2014.
Instructional Council (IC) Member, Albuquerque High School, spring 2015.
Institutional Review Board (IRB) Human subjects protections in research, University of New
Mexico – member, appointed July 2014