

CURRICULUM VITAE

Robert Mark Timm

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Office

Department of Ecology & Evolutionary Biology, Kansas Biological Survey, and KU Natural History Museum
University of Kansas
Lawrence, Kansas 66045

Born: Wilber, Nebraska, August 1949; citizenship USA

PROFESSIONAL EXPERIENCES/POSITIONS

2017–present, emeritus faculty, Department of Ecology & Evolutionary Biology; emeritus curator and Research Associate, Natural History Museum; Research Associate, Kansas Biological Survey, University of Kansas, Lawrence.

1986–2017, Professor, Department of Ecology & Evolutionary Biology [Chair, 1994; Acting Chair, 1995; currently emeritus faculty]; Curator-in-Charge of the Division of Mammals, Natural History Museum (1986–2014, currently curator emeritus); Core Faculty in Center for Latin American and Caribbean Studies Program, The University of Kansas, Lawrence.

2008–present Research Associate, The Museum, Texas Tech University, Lubbock.

2006–2008 President, American Society of Mammalogists [nonsalaried].

2004–2006 President-Elect, American Society of Mammalogists [nonsalaried].

2002–2004 Vice President, American Society of Mammalogists [nonsalaried].

1989–2002, 2008–present Board of Directors, American Society of Mammalogists [nonsalaried].

1992–1999 Board of Directors; 1999–present Assembly of Delegates, Organization for Tropical Studies (OTS) [nonsalaried].

1986–present Research Associate, Center for Integrative Research, Field Museum, Chicago.

1984, 1988, 1989, 1991, 1994–2009, 2011–2014 Faculty for “Tropical Ecology—an Evolutionary Approach” the Organization for Tropical Studies’ and Universidad de Costa Rica’s field course in Costa Rica [taught with 26 graduate courses].

2004, 2005 Resource Faculty for “Undergraduate Semester Abroad Program in South Africa” for the Organization for Tropical Studies.

2003 Resource Faculty for “Undergraduate Semester Abroad Program in Costa Rica” for the Organization for Tropical Studies.

1997–2018 Las Cruces Biological Station Advisory Committee, Costa Rica [nonsalaried].

1980–1986 Curator and Head, Division of Mammals, Field Museum of Natural History [promoted from Assistant to Associate Curator on 1 July 1985].

1984–1987 Faculty member in Committee on Evolutionary Biology, University of Chicago.

1982 Course Coordinator for “Tropical Ecology—an Evolutionary Approach” Organization for Tropical Studies, Costa Rica.

1979–1980 Postdoctoral Associate, Bell Museum of Natural History, University of Minnesota, Minneapolis.

1978–1979 Research Fellow, Department of Entomology, Fisheries, and Wildlife, University of Minnesota.

- 1978–1979 Instructor in the night school extension program of the University of Minnesota.
- 1972–1973, 1975–1978 Curatorial and Research Assistant in Mammalogy, University of Minnesota.
- 1973–1974 Graduate Teaching Assistant in Mammalogy and Evolution, University of Minnesota.
- 1973–1975 Freelance identification of skeletal remains from archaeological sites for the Minnesota Historical Society.
- 1971–1972 Graduate Teaching Assistant in General Biology and Ecology, University of Minnesota.
- 1971 Graduate Research Assistant, International Biological Program, Grassland Biome (NSF supported).
- 1968–1971 Undergraduate Assistant in Biology, University of Nebraska–Kearney.

EDUCATION

- 1975–1979 University of Minnesota, St. Paul, Minnesota, Ph.D. from the Department of Entomology, Fisheries, and Wildlife, August 1979.
- 1974 Universidad de Costa Rica–OTS, San José Costa Rica, Tropical Ecology course.
- 1971–1975 University of Minnesota, Minneapolis, Minnesota, M.S. from the Department of Ecology and Behavioral Biology, December 1975.
- 1967–1971 University of Nebraska–Kearney, Kearney, Nebraska, B.S. degree in Zoology, June 1971.
- Elementary, junior high, and high school in Wilber Public Schools, Wilber, Nebraska; graduated 1967.

COURSES TAUGHT (University level; number of times taught in [])

Undergraduate courses:

- Diversity of Life [5]
- History and Diversity of Organisms [13]
- Mammalogy–undergraduate/graduate [9]
- Principles of Biology–undergraduate non-majors [3]
- Undergraduate Semester Abroad Program in Costa Rica [1; through the Organization for Tropical Studies]
- Undergraduate Semester Abroad Program in South Africa [2; through the Organization for Tropical Studies]
- Parasitology [1]
- Topics in Advanced Biology [1]
- Museum Preparation of Scientific Specimens (Haskell Indian Nations University, co-taught with Dr. Corey Welch)

Graduate courses taught:

- Evolutionary Mechanisms [1]
- Mammalogy–undergraduate/graduate [9]
- Responsible Scholarship and Teaching Effectiveness (2)
- Tropical Ecology: an Evolutionary Approach (OTS) [26]
- Bats and Echolocation (OTS graduate course taught in Costa Rica; I served as the coordinator)

Graduate/undergraduate seminars:

- Mammalian Behavior [1]
- Mammalian Ecology [10]
- Mammalogy [1]
- Readings in Parasitology [1]
- South American Biogeography [1]

Public education course:

Bats (6 week general course for adults)

Workshops presented

All Taxa Biological Inventory, Santa Rosa, Costa Rica

Networking in the Life Sciences for Developing Countries [funded by USAID]

Zoo Mammals–Behavior, ecology, display & teaching, Topeka Zoological Park [2]

AWARDS AND HONORS

A festschrift of original research papers organized by my former students was published in my honor (see Anderson, R. P., M. A. Eifler, H. C. Lanier, and T. Holmes, Jr. 2019. Mammalian research honoring the educational contributions of Grinnell Awardee Robert M. Timm. *Journal of Mammalogy* 100(6):1710–1712. [pdf]).

Awarded the American Society of Mammalogists Joseph Grinnell Award for mentoring excellence, 2017

College of Liberal Arts & Sciences Byron A. Alexander Graduate Mentor Award, 2007

University of Kansas Provost’s Award for Leadership in International Education, 2004 [a university-wide honor]

Nominated for the University of Kansas “Outstanding International Educator,” 2002

Nominated for “Favorite Professor” by the graduating seniors for the years 1994, 1995, 1996, 2004 & 2009

Elected Fellow, AAAS, American Association for the Advancement of Science, 2002

My research on SE Asian bovids was featured as one of Discovery Magazine’s top science stories for the year 2001, selected for Editor’s Choice” in the journal *Science* (22 Sept. 2001), and reviewed in *Nature*, *Science*, *Nature Australia Magazine*, and several others—see publications below.

My research on New Guinea rodents was featured as one of Discovery Magazine’s top science stories for the year 2016—see Timm et al. 2016.

GRANTS

NSF grant for \$498,821 “Expansion of the collections of The University of Kansas Natural History Museum & Biodiversity Research Center” (2007–2010), Co-PI with L. Krishtalka and others.

NSF grant for \$902,283 [KU’s portion is \$55,272] “Development of an integrated network for distributed databases of mammal specimen data” (2001–2004), Co-PI with B. R. Stein (PI) and others.

NSF grant for \$200,000 “Biodiversity of pristine rainforests in western Amazonia: A unique and urgent opportunity” (1999–2002), Co-PI with J. Simmons (PI) and others.

United Nations Global Environmental Fund “Mammals of the Iwokrama Reserve, Central Guyana” (1997–1998); to the Philadelphia Academy of Sciences, which funded my recent fieldwork in Guyana.

NSF grant for \$275,004 “Conservation of mammal collections, Museum of Natural History, The University of Kansas” (1993–1998), PI with N. A. Slade and T. Holmes.

NSF grant for \$370,084 “Compactor storage for fluid collections of vertebrates” (1995–1996), Co-PI with P. S. Humphrey (PI) and others.

NSF grant (supplement) for \$23,655 “Request for supplemental support: Connecting to NSFNET / Internet” (1995–1996), PI with N. A. Slade and T. Holmes.

NSF grant for \$790,000 “Replacement of ethanol research collection facilities, The University of Kansas” (1993–1995), Co-PI with P. S. Humphrey (PI) and others.

NSF grant for \$239,931 “Renovation of mammal collections, Museum of Natural History, The University of Kansas” (1988–1991), PI with N. A. Slade.

NSF grant for \$190,069 “Support for the care and use of the systematic collections of mammals” (1985–1987), Co-PI with B. D. Patterson.

NSF grant for \$11,340 “Fishes and mammals of threatened areas of northeastern Ecuador” (1983–1984), Co-PI with D. J. Stewart.

NSF grant for \$151,275 “Care and use of the systematic collection of mammals” (1981–1984), PI with B. D. Patterson.

Institute of Museum Services (IMS) for \$23,403 “Conservation of the mammal and bird fluid collections, University of Kansas” (1993–1994), PI with R. O. Prum and T. Holmes.

Institute of Museum Services (IMS) for \$23,658 “Conservation of the mammal and bird collections, University of Kansas” (1992–1993), PI with R. O. Prum.

Institute of Museum Services (IMS) for \$16,706 “Conservation of the bird and mammal collections at KU” (1988–1989), Co-PI with R. M. Mengel.

Occidental Petroleum of Peru (OXY–Peru) “Vertebrate biodiversity of Block 4AB” (1993), logistic support (transportation, housing, food) estimated to be ca. \$60,000, Co-PI with W. E. Duellman (PI).

British Broadcasting Corporation (BBC) for \$1,300 “Amblyopinine beetles and their rodent hosts” (1989), with J. S. Ashe.

Rice Foundation for \$20,000 “Ecology and host relationships of staphylinid beetles (*Amblyopinus*) in Costa Rica” (1987), with J. S. Ashe.

Rice Foundation for \$50,000 “Evolution, ecology and host relationships of staphylinid parasites of mammals” (1986), with J. S. Ashe.

National Geographic Society \$1,500 “Mammals of the La Selva–Volcán Barva transect, northeastern Costa Rica” (1986).

Faculty Research Award, University of Kansas for \$5,649 “Evolutionary relationships of the least shrews of the genus *Cryptotis*” (1989).

Faculty Research Award, University of Kansas for \$5,632 “Evolutionary relationships of the Geomyidae” (1988).

New Faculty Research Award, University of Kansas for \$5,000 “Evolutionary relationships of plecotine bats” (1988).

Graduate Student

Doctoral Dissertation Fellowship, University of Minnesota (1978–1979), a university-wide competitive fellowship.

Dayton Research Grant, University of Minnesota (1972–1973).

Undergraduate

Who’s Who in American College and Universities (1970).

Brunner Research Grant, University of Nebraska–Kearney (1970).

Ak-Sar-Ben Scholarship, University of Nebraska–Kearney (1970).

FIELD EXPERIENCE

2003, 2004, 2005 South Africa–ecological and systematic studies in savannas and fynbos.

2016, 2015, 2014, 2013, 2012, 2009, 2008, 2007, 2006, 2005, 2004, 2003, 2002, 2001, 2000, 1999, 1998, 1997, 1996, 1995, 1994, 1991, 1989, 1988, 1987, 1986, 1984, 1982, 1974 Costa Rica–ecological and systematic studies in a variety of areas and habitats.

1997 Guyana–ecological and biotic survey work.

1990, 1993 Peru–ecological and survey work, Amazonian lowlands.

1989 Alaska–inventory work in several different areas.

1983 Ecuador–ecological and systematic studies on mammals and associated ectoparasitic arthropods.

1974 Costa Rica, Nicaragua, and Panama–ecological work in numerous different habitat types.

1973 Mexico–collecting and preparing specimens in several different states.

1971–present–Extensive field experience in the western and Midwestern United States working on ecological and systematic questions on mammals and their ectoparasites.

SOCIETY AFFILIATIONS

American Association for the Advancement of Science (elected to rank of AAAS Fellow, 2002)

American Association for Zoological Nomenclature

American Society of Mammalogists (Life Member; past President)

Association for Tropical Biology

Biological Society of Washington

Ottawa Field-Naturalists Society (Life Member)

Sociedad Mesoamericana para la Biología y la Conservación (founding member)

Southwestern Association of Naturalists (Life Member)

Undergraduate

Beta Beta Beta (Biology Honorary)–past president of local chapter

Gamma Sigma Delta (Agriculture Honorary)

Kappa Delta Pi (Education Honorary)

Lambda Delta Lambda (Physical Science Honorary)

Xi Phi (Leadership and Scholastic Honorary)–past president of local chapter

SERVICE

American Society of Mammalogists

President (2006–2008)

President-Elect (2004–2006)

Vice President (2002–2004)

Board of Directors (1989–2002, 2008–present)

Ad hoc ASM Business Office RFP Preparation and Review Committee (2020)

Ad hoc Committee on the Future of ASM Publications (2012–2015)

Animal Care and Use Committee (2009–present)

Archives Committee (chairman, 2010–present)

Editorial Committee (1987–2002; chairman, 1993–1996)

Historian (2010–present)

Honoraria Committee (1990–1994)

Honorary Membership (2008–2018, chairman 2014–2016)

Informatics Committee (2002–2007; chairman, 2002–2003)

Information Retrieval Committee (1984–1987)

International Relations Committee (1986–1989)

Legislation & Regulation Committee (1978–1986; 2003–2012)

Nomenclature Committee (2016–present)

Productions Editor for Journal of Mammalogy (1988–2001)
 Planning and Finance Committee (1998–2013; chair 2004–2013; 2017–present)
 Strategic Planning Steering Committee (1998–2001)–chair of the Publications Subcommittee
 Recent Literature in Mammalogy–Citation Retrieval System reviewer (1977–1982)
 Assistant to the Editor for the Journal of Mammalogy (1978–1980)

ad hoc Committee on ASM Publications, formerly ad “hocs” on Open Access and *Mammalian Species*.

Association of Systematics Collections

Member, Committee on Education and Human Resources for Systematics (1983–1985)
 Vertebrate Representative, Council on Collections (1979–1980)

Organization for Tropical Studies (OTS)

Assembly of Delegates (1999–2018)
 Board of Directors (1992–1999)
 Education Committee (2003–2018)
 Las Cruces Biological Station Advisory Committee, Costa Rica (1997–2019)
 Nominating Committee (2003–2005)
 Selection Committee for the OTS Graduate Tropical Biology courses (2000–2012)
 Strategic Planning Implementation Committee for Education (2006–2018)

Consulting Editor for the *Anales del Instituto de Biología*, published by the Universidad Nacional Autónoma de México.

Reviewer of manuscripts submitted for publication to: *Acta Chiropterologica*, *American Journal of Primatology*; *American Midland Naturalist*; *Anales del Instituto de Biología, Serie Zoología (UNAM)*; *Annals of the Carnegie Museum of Natural History*; *Annals of the Entomological Society of America*; *Bat Research News*; *Biodiversity and Conservation*; *Biotropica*; *Bulletin of the Florida State Museum*; *Bulletin of the University of Nebraska State Museum*; *Canadian Field-Naturalist*; *Caribbean Journal of Science, Carnegie Museum of Natural History, Special Publications*; *Ceylon Journal of Science*; *Ecological Monographs*; *Ecology*; *Encyclopedia of Pest Management, Edentata, Evolution*; *Evolutionary Theory*; *Fieldiana: Zoology*; *Great Basin Naturalist*; *Frontiers in Ecology and the Environment, Illinois Biological Monographs*; *Illinois Natural History Survey Publications*; *Insect Systematics & Evolution, International Journal of Primatology*; *Journal of the Kansas Academy of Science*; *Journal of the Kansas Entomological Society*; *Journal of Mammalogy*; *Journal of Medical Entomology*; *Journal of Tropical Ecology*; *Mammalia*; *Mammalian Biology*; *Manter: Journal of Parasite Biodiversity*; *Molecular Phylogenetics & Evolution*; *National Geographic Research*; *Nature*; *Occasional Papers of the Museum of Natural History, The University of Kansas*; *Occasional Papers of the Museum of Zoology, University of Michigan*; *Occasional Papers, Museum of Texas Tech University*; *Oryx*; *Paleobiology*; *Proceedings of the Entomological Society of Washington*; *Revista de Biología Tropical*; *Revista de Ciencia y Tecnología de América*; *Smithsonian Contributions to Zoology*; *Southwestern Naturalist*; *Special Publication Series, American Society of Mammalogists*; *Special Publications, Museum of Texas Tech University*, *Transactions of the Kansas Academy of Sciences*; *University of Cambridge Press*; *University of Chicago Press*; *Vida Silvestre Neotropical*; *Virginia Museum of Natural History, Scientific Publication*; *Western North American Naturalist*; and *Zootaxa*.

Reviewer of numerous National Science Foundation proposals submitted to the Biological Research Resources Program and the Systematics Program; the Institute of Museum Services, National Geographic Society, Natural Sciences and Engineering Research Council of Canada; and Noyes Foundation.

Reviewer of books or book proposals for: Cornell University Press; Illinois Natural History Survey; INBio; Oxford University Press; Saunders College Publishing; Sinauer Associates; University of California Press; University of Chicago Press; University of Kansas Press; University of Texas Press; and University of Wisconsin Press.

HOBBIES AND RELEVANT SKILLS

Camping, animal husbandry, foster puppy raiser for Kansas Specialty Dog Service (guide and service dogs), and auto mechanics.

PUBLICATIONS–Peer reviewed published papers; excluding abstracts (* = coauthored with a student). PDF links are marked in blue.

1. Timm, R. M. 1971. Breeding the Chinese hamster (*Cricetulus griseus*) as a laboratory animal. *Bios* 42(4):190–193. [\[pdf\]](#)
2. Timm, R. M. 1972. Mites (Acari: Laelapidae) parasitic on the meadow vole, *Microtus pennsylvanicus*. *Acarologia* 14(1):18–20. [\[pdf\]](#)
3. Timm, R. M. 1973. Comments on ectoparasites of two species of *Microtus* in Nebraska. *Transactions of the Kansas Academy of Sciences* 75(1):41–46. [\[pdf\]](#)
4. Birney, E. C., J. B. Bowles, R. M. Timm, and S. L. Williams. 1974. Mammalian distributional records in Yucatán and Quintana Roo, with comments on reproduction, structure, and status of peninsular populations. *Occasional Papers, Bell Museum of Natural History, University of Minnesota* 13:1–25. [\[pdf\]](#)
5. Timm, R. M. 1974. Rediscovery of the rock vole (*Microtus chrotorrhinus*) in Minnesota. *Canadian Field–Naturalist* 88(1):82. [\[pdf\]](#)
6. Birney, E. C. and R. M. Timm. 1975. Dental ontogeny and adaptation in *Diphylla ecaudata*. *Journal of Mammalogy* 56(1):204–207. [\[pdf\]](#)
7. Timm, R. M. 1975. Distribution, natural history, and parasites of mammals of Cook County, Minnesota. *Occasional Papers, Bell Museum of Natural History, University of Minnesota* 14:1–56. [\[pdf\]](#)
8. Baker, N. T. and R. M. Timm. 1976. Modern type concepts in entomology. *Journal of the New York Entomological Society* 84(3):201–205.
9. Foster, M. S. and R. M. Timm. 1976. Tent-making by *Artibeus jamaicensis* (Chiroptera: Phyllostomatidae) with comments on plants used by bats for tents. *Biotropica* 8(4):265–269. [\[pdf\]](#)
10. Timm, R. M. and J. Mortimer. 1976. Selection of roost sites by Honduran white bats, *Ectophylla alba* (Chiroptera: Phyllostomatidae). *Ecology* 57(2):385–389. [\[pdf\]](#)
11. Benton, A. H. and R. M. Timm. 1977. Description of the female of *Rhadinopsylla media* Smit (Siphonaptera: Hystrichopsyllidae). *Journal of Medical Entomology* 13(4–5):473–475. [\[pdf\]](#)
12. Buech, R. R., R. M. Timm, and K. Siderits. 1977. A second population of rock voles, *Microtus chrotorrhinus*, in Minnesota with comments on habitat. *Canadian Field–Naturalist* 91(4):413–414. [\[pdf\]](#)
13. Timm, R. M., L. R. Heaney, and D. D. Baird. 1977. Natural history of rock voles (*Microtus chrotorrhinus*) in Minnesota. *Canadian Field–Naturalist* 91(2):177–181. [\[pdf\]](#)
14. Timm, R. M. and R. M. Zink. 1977. Arthropods consumed by an immature Marbled Godwit. *Prairie Naturalist* 9(1):11–12.
15. Hart, J. A. and R. M. Timm. 1978. Observations on the aquatic genet in Zaire. *Carnivore* 1(1):130–132. [\[pdf\]](#)
16. Timm, R. M. and E. F. Cook. 1979. The effect of bot fly larvae on reproduction in white-footed mice, *Peromyscus leucopus*. *American Midland Naturalist* 101(1):211–217. [\[pdf\]](#)
17. Timm, R. M. and R. D. Price. 1979. A new species of *Geomydoecus* (Mallophaga: Trichodectidae) from the Texas pocket gopher, *Geomys personatus* (Rodentia: Geomyidae). *Journal of the Kansas Entomological Society* 52(2):264–268. [\[pdf\]](#)
18. Price, R. D. and R. M. Timm. 1979. Description of the male of *Geomydoecus scleritus* (Mallophaga: Trichodectidae) from the southeastern pocket gopher. *Journal of the Georgia Entomological Society* 14(2):162–165. [\[pdf\]](#)
19. Timm, R. M. and R. D. Price. 1980. The taxonomy of *Geomydoecus* (Mallophaga: Trichodectidae) from the *Geomys bursarius* complex (Rodentia: Geomyidae). *Journal of Medical Entomology* 17(2):126–145. [\[pdf\]](#)
20. Timm, R. M. and E. C. Birney. 1980. Mammals collected by the Menage Scientific Expedition to the Philippine Islands and Borneo, 1890–1893. *Journal of Mammalogy* 61(3):566–571. [\[pdf\]](#)

21. Timm, R. M. 1980. Siphonaptera of Minnesota. Pp. 159–177, in *An atlas of the fleas of the Eastern United States* (A. H. Benton, ed.). Fredonia, New York, 177 pp. [pdf]
22. Timm, R. M. 1981. Habitat requirements of microtine rodents in Minnesota. Pp. 32–34, in *Mammalian ecology and habitat management in Minnesota* (A. S. Elwell and K. N. Cram, eds.). U.S. Fish and Wildlife Service Symposium.
23. Timm, R. M. and R. E. Lee, Jr. 1981. Do bot flies, *Cuterebra* (Diptera: Cuterebridae), emasculate their hosts? *Journal of Medical Entomology* 18(4):333–336. [pdf]
24. Halberg, E., F. Halberg, R. M. Timm, P. J. Regal, and P. Cugini. 1982. Socially-related and spontaneous circadian thermo-acrophase shifts in *Rhodomys pumilio*. Pp. 357–368, in *Chronobiology* (R. Takahashi and F. Halberg, eds.). Pergamon Press, New York. [pdf]
25. Timm, R. M. 1982. *Ectophylla alba*. *Mammalian Species* 166:1–4. [pdf]
26. Timm, R. M. 1982. Dermestids. *Field Museum of Natural History Bulletin* 53(2):14–18. [pdf: <http://hdl.handle.net/1808/5637>]
27. Timm, R. M., E. B. Hart, and L. R. Heaney. 1982. Karyotypic variation in pocket gophers (Geomyidae: *Geomys*) from a narrow contact zone in Nebraska. *Mammalian Chromosomes Newsletter* 23:108–117. [pdf]
28. Timm, R. M. and L. H. Kermott. 1982. Subcutaneous and cutaneous melanins in *Rhodomys*: complementary ultraviolet radiation shields. *Journal of Mammalogy* 63(1):16–22. [pdf]
29. Timm, R. M. and R. E. Lee, Jr. 1982. Is host castration an evolutionary strategy of bot flies? *Evolution* 36(2):416–417. [pdf]
30. Wunderlee, J. and R. M. Timm. 1982. *Tropical Biology: An Ecological Approach* (OTS 82–3). Organization for Tropical Studies, Durham, North Carolina, 606 pp.
31. Baird, D. D., R. M. Timm, and G. E. Nordquist. 1983. Reproduction in the arctic shrew, *Sorex arcticus*. *Journal of Mammalogy* 64(2):298–301. [pdf]
32. Heaney, L. R. and R. M. Timm. 1983. Relationships of pocket gophers of the genus *Geomys* from the Central and Northern Great Plains. *Miscellaneous Publications, Museum of Natural History, University of Kansas* 74:1–59. [pdf]
33. Heaney, L. R. and R. M. Timm. 1983. Systematics and distribution of shrews of the genus *Crocidura* (Mammalia: Insectivora) in Vietnam. *Proceedings of the Biological Society of Washington* 96(1):115–120. [pdf]
34. Timm, R. M. 1983. Fahrenheit's Rule and Resource Tracking: A study of host-parasite coevolution. Pp. 225–265, in *Coevolution* (M. H. Nitecki, ed.). University of Chicago Press, Chicago, 392 pp. [pdf]
35. Clauson, B. L. and R. M. Timm. 1984. Ferret. P. 78, in *The World Book Encyclopedia*, Vol. 7, F. Chicago.
36. Timm, R. M. 1984. Tent construction by *Vampyressa* in Costa Rica. *Journal of Mammalogy* 65(1):166–167. [pdf]
37. *Boinski, S. and R. M. Timm. 1985. Predation by squirrel monkeys and double-toothed kites on tent-making bats. *American Journal of Primatology* 9(2):121–127. [pdf]
38. Clauson, B. L. and R. M. Timm. 1985. Polecat. P. 545, in *The World Book Encyclopedia*, Vol. 15, P. Chicago.
39. Goff, M. L. and R. M. Timm. 1985. A new species of *Peltoculus* (Acari: Trombiculidae) from Ecuador. *International Journal of Acarology* 11(4):233–235. [pdf]
40. Heaney, L. R. and R. M. Timm. 1985. Morphology, genetics, and ecology of pocket gophers (genus *Geomys*) in a narrow hybrid zone. *Biological Journal of the Linnean Society* 25:301–317. [pdf]

41. Timm, R. M. 1985. Parasites of New World *Microtus*. Pp. 455–534, in *Biology of New World Microtus* (R. H. Tamarin, ed.). Special Publication, The American Society of Mammalogists 8:xiii + 893 pp. [pdf]
42. Timm, R. M. 1985. *Artibeus phaeotis*. Mammalian Species, American Society of Mammalogists 235:1–6. [pdf]
43. Timm, R. M. and B. L. Clauson. 1985. Mammals as evolutionary partners. Pp. 101–154, in *Coevolution of parasitic arthropods and mammals* (K. C. Kim, ed.). John Wiley & Sons, Inc., New York, 800 pp. <http://hdl.handle.net/1808/26704>
44. Timm, R. M. and R. D. Price. 1985. A review of *Cummingsia* Ferris (Mallophaga: Trimenoponidae), with a description of two new species. *Proceedings of the Biological Society of Washington* 98(2):391–402. [pdf]
45. *Choe, J. C. and R. M. Timm. 1985 [1986]. Roosting site selection by *Artibeus watsoni* (Chiroptera: Phyllostomidae) on *Anthurium ravenii* in Costa Rica. *Journal of Tropical Ecology* 1(3):241–247. [pdf]
46. Timm, R. M. 1986. Fruits of their labors [Afterward C]. Pp. 292–298, in *Iranian adventure: The first Street Expedition* (W. S. Street, J. K. Street, and R. Sawyer). Field Museum of Natural History, Chicago, Illinois, 305 pp. [pdf: <http://hdl.handle.net/1808/8814>]
47. Timm, R. M., L. Albuja V., and B. L. Clauson. 1986. Ecology, distribution, harvest, and conservation of the Amazonian manatee, *Trichechus inunguis*, in Ecuador. *Biotropica* 18(2):150–156. [pdf]
48. Arrigo, R. D. and R. M. Timm. 1987. Minicomputer system at Field Museum of Natural History. Pp. 121–128, in *Mammal collection management* (H. H. Genoways, C. Jones, and O. Rossolimo, eds.). Texas Tech University Press, Lubbock, 219 pp.
49. Ashe, J. S. and R. M. Timm. 1987. Probable mutualistic association between staphylinid beetles (*Amblyopinus*) and their rodent hosts. *Journal of Tropical Ecology* 3(2):177–181. [pdf]
50. Ashe, J. S. and R. M. Timm. 1987. Predation by and activity patterns of ‘parasitic’ beetles of the genus *Amblyopinus* (Coleoptera: Staphylinidae). *Journal of Zoology (London)* 212(3):429–437. [pdf]
51. Patterson, B. D. and R. M. Timm (eds.). 1987. *Studies in Neotropical mammalogy: Essays in honor of Philip Hershkovitz*. *Fieldiana: Zoology (New Series)* 39:frontispiece, viii + 1–506. [pdf]
52. Timm, R. M. 1987. Tent construction by bats of the genera *Artibeus* and *Uroderma*. Pp. 187–212, in *Studies in Neotropical mammalogy: Essays in honor of Philip Hershkovitz* (B. D. Patterson and R. M. Timm, eds.). *Fieldiana: Zoology (New Series)* 39:frontispiece, viii + 1–506. [pdf]
53. Timm, R. M. 1987. Afterword C: Fruits of their labors. *Field Museum of Natural History Bulletin* 58(1):24–25. [pdf]
54. Timm, R. M. and J. S. Ashe. 1987. Host and elevational specificity of parasitic beetles (*Amblyopinus* Solsky) (Coleoptera: Staphylinidae) in Panama. *Proceedings of the Biological Society of Washington* 100(1):13–20. [pdf]
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Ruedebusch, C. and R. M. Timm. Demography of botfly parasitism in white-footed mice in Kansas. To be submitted to *Journal of Mammalogy*, 23 ms. pages.

Schmerge, J. D., D. A. Burnham, and R. M. Timm. Cranial osteology, zygomatic system, and integumentary structures of the Miocene beaver *Paraeuhapsis ellicottae* (Rodentia: Palaeocastorinae: Euhapsini). *Anatomical Record*.

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- Timm, R. M. and J. Arroyo-Cabrales. 2009. *Eumops floridanus*. In: IUCN 2009. IUCN Red List of Threatened Species. Version 2009.1. www.iucnredlist.org.
- Timm, R. M. 2013. Bibliography of publications from research based on mammal specimens in the University of Kansas Natural History Museum. <http://hdl.handle.net/1808/7050>
- Timm, R. M. and Z. Zahawi. 2015. Mammal checklist for Las Cruces Biological Station & surrounding areas. <http://www.ots.ac.cr/images/downloads/biological-stations/las-cruces/species-lists/mammalchecklistcbs2014f.pdf>

NONTECHNICAL ARTICLES

- Timm, R. M. 1974. OTS summer biology course provides valuable experience. International Programs Newsletter, University of Minnesota 10(2):3–4.
- Ashe, J. S. and R. M. Timm. 1986. Mammals and beetles in Costa Rica. Field Museum of Natural History Bulletin 57(10):11–18.
- Timm, R. M. 1988. Stay dry, stay healthy. Panorama. The University of Kansas Museum of Natural History 17(2):3.
- Timm, R. M. and B. L. Clauson. 1996. Perilous fishhooks—A wildlife hazard. WildCare Newsletter 7(2):3.

PAPERS PRESENTED AT SCIENTIFIC MEETINGS (Abstracts published)

- 1971 Breeding biology of the Chinese hamster (*Cricetulus griseus*). Nebraska Academy of Sciences annual meeting.
- 1975 Selection of roost sites by Honduran white bats, *Ectophylla alba* (Chiroptera: Phyllostomatidae). American Society of Mammalogists annual meeting.
- 1976 A review of tent-making by phyllostomatid bats. American Society of Mammalogists annual meeting.
- 1978 Piggy-back speciation: Coevolution of pocket gophers (*Geomys*) and their lice. American Society of Mammalogists annual meeting.
- 1979 Ecology of a stable hybrid zone between pocket gophers of the genus *Geomys* in Nebraska (with Lawrence R. Heaney). American Society of Mammalogists annual meeting.
- 1979 Coevolution of pocket gophers (*Geomys*) and their lice (*Geomydoecus*). American Society of Parasitologists annual meeting.
- 1980 Do bot flies, *Cuterebra* (Diptera: Cuterebridae), emasculate their mammalian hosts? American Society of Mammalogists annual meeting.
- 1981 Subcutaneous melanin: a potential ultraviolet radiation shield in mammals. American Society of Mammalogists annual meeting.
- 1982 Fahrenholz's Rule and Resource Tracking: A study in host-parasite coevolution. Field Museum of Natural History's Spring Systematics Symposium on Coevolution.
- 1983 Tent construction by *Vampyressa* in Costa Rica. American Society of Mammalogists annual meeting.
- 1984 Ecology, distribution, and conservation of the Amazonian manatee, *Trichechus inunguis*, in Ecuador (with Luis Albuja V.). American Society of Mammalogists annual meeting.
- 1985 Hunting techniques for large aquatic vertebrates by the Siona of Amazonian Ecuador. Midwest Conference on Andean and Amazonian Archaeology and Ethnology.
- 1985 Predation by squirrel monkeys and double-toothed kits on tent-making bats. American Society of Mammalogists annual meeting.
- 1985 Collection database management at Field Museum of Natural History (with R. D. Arrigo). Fourth International Theriological Congress.
- 1986 Host and elevational specificity in parasitic beetles (*Amblyopinus*) on Neotropical mammals. American Society of Mammalogists annual meeting.
- 1986 Coevolution of beetles and rodents. Society of Vector Ecologists annual meeting.
- 1987 Evolution of the interaction between staphylinid beetles (*Amblyopinus*) and their rodent host. American Society of Mammalogists annual meeting.
- 1988 Scrotal melanins in bats (Chiroptera): description, distribution, and function (with L. H. Kermott). American Society of Mammalogists annual meeting.
- 1988 Tent construction and use by *Uroderma bilobatum* in coconut palms (*Cocos nucifera*) (with S. E. Lewis). Annual North American Symposium on Bat Research.
- 1989 Tent construction and use by *Uroderma bilobatum* in coconut palms (*Cocos nucifera*) in Costa Rica (with S. E. Lewis). American Society of Mammalogists annual meeting.
- 1990 Mammals of the La Selva–Braulio Carrillo Complex, Costa Rica. American Society of Mammalogists annual meeting.
- 1991 Mammals of a tropical lowland site in southeastern Peru–Reserva Cuzco Amazónico. American Society of Mammalogists annual meeting.

- 1991 Geographic variation in the Central American gracile small-eared shrew, *Cryptotis gracilis* (Insectivora: Soricidae) (with N. Woodman). American Society of Mammalogists annual meeting.
- 1992 A new species of the *Cryptotis mexicana* group of small-eared shrews (Insectivora: Soricidae) from Honduras (with N. Woodman). American Society of Mammalogists annual meeting.
- 1993 A comparison of snap- and live-traps and two baits for censusing small mammals in the lowland tropics. American Society of Mammalogists annual meeting.
- 1994 Diversity and conservation of Central American mammals. (with C. Vaughan and others). American Society of Mammalogists annual meeting.
- 1996 The recently discovered linh duong, *Pseudonovibos spiralis* (Artiodactyla: Bovidae): Additional specimens and its relationship to other bovids. American Society of Mammalogists annual meeting.
- 1999 Annual and demographic comparisons of botfly parasitism of small mammals in northeastern Kansas. (with C. Ruedebusch and C. Welch). American Society of Mammalogists annual meeting.
- 1999 Mammals of Veracruz: Contrasting “historical” localities with current vegetation maps. (with V. Sánchez-Cordero and E. Martínez Meyer). American Society of Mammalogists annual meeting.
- 1999 Revision of the Recent taxa of the genus *Notiosorex* (Insectivora: Soricidae). American Society of Mammalogists annual meeting.
- 2000 *Pseudonovibos spiralis* (Artiodactyla: Bovidae): New information on this enigmatic Southeast Asian ox. American Society of Mammalogists annual meeting.
- 2001 *Pseudonovibos spiralis* (Artiodactyla: Bovidae): New information on this enigmatic Southeast Asian ox. American Society of Mammalogists annual meeting.
- 2002 The coevolution of mammals and beetles in Costa Rica. Monteverde Institute, Monteverde, Costa Rica.
- 2003 Birds and mammals as indicators of climate change in tropical cloud forests. (with Bruce Young). Invited presentation at a symposium entitled “Tropical Cloud Forests: Compelling Arenas for Research on Regional and Global Climate Change,” for the Association for Tropical Biology annual meetings, Panama City, Panama.
- 2005 Discovery of a new *Heteromys* (Rodentia: Heteromyidae) endemic to northwestern Costa Rica. (with R. P. Anderson). American Society of Mammalogists annual meeting.
- 2005 Bats of Costa Rica’s Reserva Natural Absoluta Cabo Blanco. (with D. K. McClearn). American Society of Mammalogists annual meeting.
- 2005 Genetic, karyotypic, and morphological variation in the bonneted bat (*Eumops glaucinus*). (with M. M. McDonough and L. K. Ammerman). North American Symposium on Bat Research.
- 2006 Relationships of an enigmatic population of short-tailed shrews, genus *Blarina* (Soricomorpha: Soricidae). (with J. A. Esselstyn). American Society of Mammalogists annual meeting.
- 2006 Phylogenetic position of *Sigmodontomys ahrastus* (Cricetidae: Sigmodontinae), an enigmatic rat from transandean forests. (with M. Weksler and C. M. McCain). American Society of Mammalogists annual meeting.
- 2006 Seasonal rhythms and adaptations of animal life to Tropical Dry Forest. (with K. E. Stoner and J. H. Vega-Rivera). Symposium on Latin American Seasonally Dry Tropical Forests, Stanford University.
- 2007 Molecular and morphological variability within a karyotypically complex species, *Eumops glaucinus*, and its closest relative *Eumops floridanus* (Chiroptera: Molossidae). American Society of Mammalogists annual meeting.

- 2007 Mammal research at La Selva: What do we know. (with A. Romero and D. McClearn). Invited presentation in the Organization for Tropical Studies' Forest Change Workshop "Tropical Forests in Transition: La Selva as a case Study, Costa Rica."
- 2007 Molecular phylogenetics of Philippine white-toothed shrews. (with J. A. Esselstyn and R. M. Brown). American Society of Mammalogists annual meeting.
- 2007 Molecular and morphological variability within a karyotypically complex species, *Eumops glaucinus*, and its closest relative *Eumops floridanus* (Chiroptera: Molossidae). (with M. M. McDonough, L. K. Ammerman, H. H. Genoways, and R. J. Baker). Southwestern Association of Naturalists annual meeting and American Society of Mammalogists annual meeting.
- 2008 The dynamics of phylogenetic history of shrews in island SE Asia. (with J. A. Esselstyn and R. M. Brown). American Society of Mammalogists annual meeting.
- 2008 Ridged enamel on the teeth of giant beavers: function or phylogeny? (with C. Rinaldi, L. D. Martin, and T. M. Cole). Society of Vertebrate Paleontology annual meeting.
- 2009 Colonization, speciation, and ecological diversification in SE Asian shrews. (with J. A. Esselstyn and R. M. Brown). Society for the Study of Evolution annual meeting.
- 2009 Distribution of small mammals and pathogens along an elevational gradient. (with Sean P. Maher and others). American Society of Mammalogists annual meeting.
- 2009 Rinaldi, C., R. M. Timm, and L. D. Martin. Occlusal wear morphology of giant beaver (*Castoroides*) Lower Incisors: Functional and phylogenetic implications. Society of Vertebrate Paleontology annual meeting.
- 2010 Rinaldi, C., R. M. Timm, and L. D. Martin. Evidence of a predation attempt on a giant beaver by a terrestrial carnivore. Society of Vertebrate Paleontology annual meeting.
- 2011 Ecology and population estimates of mammals in a lowland Neotropical forest: How can a strip-census help us decipher these communities. (with A. Romero and D. K. McClearn). American Society of Mammalogists annual meeting.
- 2011 Internal airway morphology of the Pleistocene giant beaver. (with C. Rinaldi, L. D. Martin, T. Cole, III, and V. Kumar). Society of Vertebrate Paleontology International Conference.
- 2012 Late Pleistocene giant beavers: the parallel evolution of giant size and ridged incisors in two species. (with C. Rinaldi, L. D. Martin, T. Cole, III, and V. Kumar). Society of Vertebrate Paleontology International Conference.
- 2012 Using 454 pyrosequencing to determine phylogenetic information from antique samples. (with J. D. Hanson). American Society of Mammalogists annual meeting.
- 2012 Group dynamics and behavior of collared peccaries (*Pecari tajacu*) in Costa Rica's Caribbean lowlands. (with A. Romero, B. J. O'Neill, K. G. Gerow, and D. K. McClearn). American Society of Mammalogists annual meeting.
- 2013 Paleoecological and taphonomic implications of insect-damaged vertebrate remains from Rancho La Brea, southern California (with A. R. Holden and J. M. Harris). Society of Vertebrate Paleontology International Conference.
- 2013 Incisors and airways: A tale of two giant beavers. (with C. E. Rinaldi, L. D. Martin, and T. Cole III). Society for Cenozoic Research (TER-QUA) annual meeting.
- 2013 A field key to the bats of Costa Rica and Nicaragua. (with H. York, B. Rodríguez-Herrera, K. Lindsay, and R. K. LaVal) NASBR (North American Society for Bat Research) annual meetings.
- 2013 Museum specimens as an Ark of symbiont biodiversity: viral DNA amplified from avian and lagomorph specimens. XX reunion Bienal en Madrid de la Real Sociedad Española de Historia Natural. (with R. A. J. Williams, C. Escudero Duch, J. Barreiro, J. Perez-Tris, and L. Benítez)

2015 Beetles and their mammal hosts? International Conference on Phthiraptera. Park City, UT, August 2015.

2015 Dire Straits in the Ice Age—A mammoth scavenged by a wolf in the Late Pleistocene of Kansas. (with J. D. Schmerge and D. A. Burnham). Society of Vertebrate Paleontology International Conference.

DESCRIPTION OF NEW TAXA:

Abrocomophaga emmonsae Price and Timm, 2000
Abrocomophaga hellenthalii Price and Timm, 2000
Aotiella hershkovitzi Price and Timm, 1995
Chilamblyopinus piceus Ashe and Timm, 1988; new genus and species
Cryptotis colombiana Woodman and Timm, 1993
Cryptotis goodwini magnimana Woodman and Timm, 1999
Cryptotis hondurensis Woodman and Timm, 1992
Cryptotis monteverdensis Woodman and Timm, 2016
Cummingsia albujaui Timm and Price, 1985
Cummingsia izori Timm and Price, 1988
Cummingsia micheneri Timm and Price, 1989
Cummingsia perezii Timm and Price, 1985
Edrabius australis Ashe, Timm, and Gallardo, 1996
Edrabius chilensisiformis Ashe, Timm, and Gallardo, 1996
Edrabius grandis Ashe, Timm, and Gallardo, 1996
Eutrichophilus andersoni Timm and Price, 1994
Eutrichophilus claytoni Timm and Price, 1994
Eutrichophilus duellmani Timm and Price, 1994
Eutrichophilus emersoni Timm and Price, 1994
Eutrichophilus hershkovitzi Timm and Price, 1994
Eutrichophilus koopmani Timm and Price, 2000
Eutrichophilus paraguayensis Timm and Price, 1994
Felicola oncae Timm and Price, 1994
Geomydoecus dalglishi Timm and Price, 1979
Geomydoecus heaneyi Timm and Price, 1980
Geomydoecus nebrathkensis Timm and Price, 1980
Geomydoecus spickai Timm and Price, 1980
Gliricola brooksae Price and Timm, 2003
Gliricola cutkampi Price and Timm, 2003
Gliricola halli Price and Timm, 1993
Gliricola pinei Price and Timm, 1997
Gliricola rabbi Price and Timm, 1997
Gliricola schwartzi Price and Timm, 1997
Gliricola wernecki Price and Timm, 1997
Gliricola woodmani Price and Timm, 1993
Heteromys nubicolens Anderson and Timm, 2006
Hoplopleura janzeni Durden and Timm, 2001
Hsunycterini Parlos, Timm, Swier, Zeballos, and Baker, 2014; new tribe
Hsunycteris Parlos, Timm, Swier, Zeballos, and Baker, 2014; new genus
Hutiaphilus Timm and Price, 1997; new subgenus
Lonchophylla cadenai Woodman and Timm, 2006
Lonchophylla pattoni Woodman and Timm, 2006
Notiosorex villai Carraway and Timm, 2000
Peltoculus ecuadorensis Goff and Timm, 1985
Rattus detentus Timm, Weijola, Aplin, Flannery, and Pine, 2016
Rhynchomys labo Rickart, Balete, Timm, Esselstyn, and Heaney, 2019

Rhynchomys mangan Rickart, Balete, Timm, Esselstyn, and Heaney, 2019
Sciurus variegatoides ometepensis Genoways and Timm, 2019
Tanyuromys Pine, Timm, and Weksler, 2012; new genus
Tanyuromys thomasleei Timm, Pine, and Hanson, 2018
Tinamotaecola elegans Hellenthal, Price, and Timm, 2002
Tinamotaecola wardi Hellenthal, Price, and Timm, 2002
Tinamotaecola zyskowskii Hellenthal, Price, and Timm, 2002

PATRONYMS

Geomydoecus timmi Price and Hellenthal, 1980, a chewing louse parasitic on the valley pocket gopher
Hypsoparia timmi Lim and Martin, 2002, a fossil mustelid from the Miocene of South Dakota

UNIVERSITY SERVICE

Graduate students undertaking degree programs with me as their primary advisor:

Degree Completed

Robert P. Anderson—Ph.D. 2001. (graduated with honors) “Systematics and biogeographic modeling of spiny pocket mice (Rodentia: Heteromyidae) in South America.” Employed as a professor in the Department of Biology at the City University of New York (CUNY).

Maria A. Eifler—Ph.D. 1998. (jointly supervised with N. Slade) “Mass-mediated growth in northern cotton rats, *Sigmodon hispidus texianus*: constraints and tradeoffs.” Employed as the collection manager of mammals, University of Kansas, Lawrence.

Jacob A. Esselstyn—Ph.D. 2010. (graduated with honors) (jointly supervised with R. Brown) “Diversification processes in an island radiation of shrews”. Employed as a professor in the Department of Biology at Louisiana State University, Baton Rouge.

Thorvald Holmes, Jr.—Ph.D. 1988. (jointly supervised with R. S. Hoffmann) “Sexual dimorphism in North American weasels with a phylogeny of the Mustelidae”. Curator of mammals and an instructor of natural sciences at Humboldt State University, California (emeritus).

Errol D. Hooper—M.S. (Museum Studies) 1989. Employed at Truman State University and Missouri Department of Conservation (emeritus).

Sean P. Maher—Ph.D. 2010. (jointly supervised with A. T. Peterson) “Spatial dynamics of mammals and their pathogens and parasites.” Employed as a professor in the Department of Biology at Missouri State University, Springfield, Missouri.

McCain, C. M.—Ph.D. 2003. (Self Fellow, graduated with honors) “Ecological gradients in diversity and abundance: A search for patterns and processes in small mammal communities”. Employed as a professor/curator at the University of Colorado, Boulder.

Andrea Romero—Ph.D. 2013 (Self Fellow). Ecology, habitat preference, and conservation of Neotropical non-volant mammal communities in Costa Rica’s Caribbean lowlands. Employed as a professor at the University of Wisconsin-Whitewater.

Cory R. Ruedebusch—M.S. 1999. “Annual and demographic comparisons of botfly parasitism of small mammals in Northeastern Kansas”. Employed by Washington State Department of Transportation (environmental consulting), Seattle, Washington.

Kathryn Elizabeth Stoner—Ph.D. 1993. “Habitat preferences, foraging patterns, intestinal parasitic infections, and diseases in mantled howler monkeys, *Alouatta palliata*, in a northeastern Costa Rican rainforest”. Employed as a professor and Department Chair, Department of Fish, Wildlife and Conservation Ecology, Colorado State University, Fort Collins, Colorado.

Marcus V. Vieria—Ph.D. 1995. “Ecomorphology of two Neotropical marsupials: body size, form, climbing and walking the tight rope”. Employed as a professor in the Departamento de Ecologia, Instituto de Biologia, Universidade Federal do Rio de Janeiro, Brazil.

Jason W. Wolvington–M.S. (Museum Studies; graduated with honors). 1999. Employed as the Associate Director of the Fort Collins Museum of Discovery, Fort Collins, Colorado.

Neal Woodman–Ph.D. 1992. “Biogeographical and evolutionary relationships among Central American small-eared shrews of the genus *Cryptotis* (Mammalia: Insectivora: Soricidae)”. Employed as a Curator of Mammals at the U.S. National Museum of Natural History/U.S. Geological Survey, Washington, DC.

Heather York–Ph.D. 2007. “Interspecific ecological differentiation in the short-tailed fruit bats (Chiroptera: Phyllostomidae: *Carollia*).” Employed as a professor in the Department of Biology at Buena Vista University, Storm Lake, Iowa.

Postdoctoral Fellow I supervised:

Corey K. Welch, Ph.D.; IRACDA Postdoctoral Fellow (NIH funded); 2008–2012. Employed as the STEM Scholars Program Manager & Director at Iowa State University, Ames, Iowa.

Graduate Supervisory Committees I served on:

Masters

Susan M. Blair (1992), Cara Burres (1993), Michael T. Campbell (1992), Charlotte E. Cates (2006), Matthew Christopher (2006), Kelsey Cloyd (2017), Luis Aurelio Coloma (1991), Shelley Cullumber (1998), Jennifer Dropkin (Museum Studies; 2002), Justin Gramarye (2009), Robert B. Griffin (1992), Janet Hills (Anthropology), Charlotte Iskjaer (1999), Matthew F. Jones (Geology, 2016), Jeremy Klingler (Geology), Jama Kolosick (School of Education, 2003), Beth Moore (1999), Michael E. Morrison (1991), Diana L. Restrepo-Osorio (Latin American Studies; 2014), Jeff Stippich (1997), Michael K. Stokes (1990), Shan-Hui Su (Museum Studies, 2010), Craig Sundell (2003), and Corey K. Welch (1998).

Ph.D.

Marina Anciães (2005), S. Christopher Bennett (1991), Matthew J. Brady (2001), Fernando Cervantes (1987), Robert M. Chandler (1990), Luis Aurelio Coloma (1997), Chris Cunningham (1993), Marianna Deeney Wood (1991), Jay Diffendorfer (1995), Terry Doonan (1993), Griselda Escalona-Segura (1999), Katrina E. Gobetz (2004), H. Thomas Goodwin (1990), Mary Greenberg (1998), Paul Hopkinson (2000), John Koprowski (1991), Jong-Deock Lim (2000), Enrique Martínez Meyer (Geography; 2002), Gary McGrath (1988), Assefa Mebrate (1986), T. J. Meehan (1998), Sherwick Min (1995), Michael E. Morrison (1994), Adrián Nieto-Montes de Oca (1994), Kathleen Nuckols (2010), Jeffrey R. Parmelee (1998), Pam Rasmussen (1990), Linda S. Rayor (1988), Beth Rinaldi (1999), Joshua Schmerge (Geology, 2015), Wendy Sera (1992), Derek Smith (Geography, 2001), Michael K. Stokes (1994), Tom Titus (1991), David Watson (1999), Daniel R. Williams (2009), and Zhonghe Zhou (1999).

University-wide committees

Academic Misconduct Panel (2008–2018)

Center for Undergraduate Research, reviewer for Undergraduate Research Awards (2016)

Costa Rica 40th Anniversary Committee (1996–1997)

University Governance Committee on Libraries (2003–2011)

IACUC (Institutional Animal Care and Use Committee) (2006–2013)

Science Librarian Search Committee (1998–1999)

Woodyard International Educator Award (previously Provost's Award for Leadership in International Education) Committee (2004–2018)

Latin American and Caribbean Studies Program

Costa Rica Committee; served as one of the hosts and organizers for the 40th Anniversary Symposium, and served as a moderator for two sections of the symposium

Graduate Committee

Latin America Field Research Grant Committee (2003, 2005, 2006).

Latin American Area Committee (1987–1990)
 Latin American Studies Program—Latin American Studies
 FLAS Fellowships evaluation committee
 Graduate Studies Committee (2010–2014)
 Stansifer Award Committee; Teaching Abroad Committee (2004–2009);

Task Force on evaluating study abroad programs in Costa Rica (2002–2003)

College of Liberal Arts and Sciences

Committee on Undergraduate Studies & Advising (CUSA) (2013–2015; served on Academic Policy and Awards subcommittee)
 General Research Fund Committee (1998–2000)

Division of Biological Sciences committees

Committee to Assess Assignment of GTAs to Lecture Courses (2005–2008)
 Honors and Awards Committee (1998–2008)
 Science Library Liaison (1991–2018)
 The Ida H. Hyde Scholarship for Women in Science Committee (1996–1997)
 Undergraduate Biology Committee (2002–2016)

Department of Ecology and Evolutionary Biology committees & service

Acting Department Chair (Spring 1995)
 Associate Department Chair (Fall 1994)
 Colloquium Committee (2002–2007)
 Curriculum Committee (1997–2008)
 Diversity Development Committee (2012–2015)
 Diversity Enhancement Committee (2002–2008, 2011–2013)
 Fundraising/Endowment (1998–present; Chair 1999–2001)
 Graduate Admissions Committee (1987–1994; Chair 1988–1989, 1990–1991 & 1993–1994)
 Honors & Awards Committee (1995–1997)
 Ornithology Search Committee (Chair, 1990)
 Promotion and Tenure Committee (1995–1996)
 Sabbatical Leave Committee (2001–2002; 2008–2011; Chair, 2001–2002, 2009–2011, 2014)
 Search Committee, Applied Freshwater Ecologist (1993)
 Science Library Liaison (1995–present)
 ScholarOne site administrator (2009–present)
 Undergraduate Committee (1997–2001; Chair, 1997–1998)
 Undergraduate Education and Research Committee (2003–2007)
 Undergraduate Program Committee (2011–2)

Natural History Museum

Curator-in-Charge of the Division of Mammals (1986–2014)
 Academic Editor for the scientific publications series published by the KU Natural History Museum (Miscellaneous Publications and Occasional Papers 1989–1996)
 Public Education/Exhibits Committee (1996–1998)
 Exhibits Assessment Committee (1997–2000)
 Exhibit Development: Served Curator in charge of 3 exhibits;
 Mysterious Manatees (1998)—supervised exhibit, assisted in mounting an articulated skeleton, design and writing labels and supplemented a traveling photographic exhibit from Smithsonian Institution
 Costa Rica (1988)
 Jackalopes (1989)
 Museum Publications Committee, editor for mammalogy (1986–1994)

SERVICE–NATIONAL, STATE & LOCAL

Organization for Tropical Studies

Assembly of Delegates

Advisory Board for the Las Cruces Field Station

Education Committee

Education Implementation Task Team

Nominations Committee

Review Committee for Graduate Students' Applications

State Scientific Advisory Committee for Kansas-Gap Analysis Project (KS–GAP)

I served on the Nongame Mammal Subcommittee for the Kansas Department of Wildlife & Parks (gratis)

Community Service

Douglas County Science Fair judge

Kansas City Science City consultant (gratis)

Topeka Zoological Gardens (Zoo). I provide advice on housing and exhibiting animals and information to keepers and docents.

Environmental Organizations

Audubon Society

Kansas Land Trust

Monteverde Conservation League (Costa Rica, founding member)

Nature Conservancy

Sierra Club