

Carolyn G. Mahan, PhD

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Education

1996 PhD Wildlife Fisheries Science (Ecology), The Pennsylvania State University
1992 MS Wildlife Science (Ecology), The Pennsylvania State University
1989 BS, *Cum Laude*, Natural Resources Management and Engineering,
University of Connecticut

Professional Experience

2021-present Chair, Environmental Studies Program, The Pennsylvania State University, Altoona College (Penn State Altoona)
2011-present Professor of Biology and Environmental Studies, Penn State Altoona
2004-present Graduate Faculty, Ecology, The Pennsylvania State University (University Park)
2004-2011 Associate Professor of Biology and Environmental Studies, Penn State Altoona
2008-2017 Co-chair, Environmental Studies Program, Penn State Altoona (w/Todd Davis)
2006-2007 Coordinator, Science Program, Penn State Altoona
2000-2005 Co-coordinator, Environmental Studies Program, Penn State Altoona (w/Ian Marshall)
1998-2004 Assistant Professor of Biology and Environmental Studies, Penn State Altoona
1996-1998 Post doctoral research associate, National Park Service/Penn State

RESEARCH

Selected Peer-Reviewed Scholarly Articles, Books, and Book Chapters*

- Mahan, C. G. and L. K. Palmer. 2026. Mammals of eastern old growth forests in the United States. *Forests*; 17: 155. <https://doi.org/10.3390/f17020155>
- Llancachahua-Tarqui D., P. Sánchez-Vendizú, C. Monzón-Tapia, J. A. Bishop, V. Pacheco, and C. G. Mahan. 2025. Camera trap surveys reveal hidden mammalian diversity in rocky outcrops from southeastern Peruvian highlands. *Journal of Mammalogy*, 107: 89-101. <https://doi.org/10.1093/jmammal/gyaf088>
- Fabbri, G., R. Biello, M. Gabrielli, S. Torres Vilaça, B. Sammarco, S. Fuselli, P. Santos, L. Ancona, L. Peretto, G. Padovani, M. Sollitto, A. Iannucci, L. Paule, D. Balestra, M. Gerdol, C. Ciofi, P. Ciucci, C. G Mahan, E. Trucchi, A. Benazzo, G. Bertorelle. 2025. Coexisting with humans: genomic and behavioral consequences in a small and isolated bear population. *Molecular Biology and Evolution*, 42, <https://doi.org/10.1093/molbev/msaf292>
- Fisher, I., B. D. Ross, L. K. Palmer, C. G. Mahan. 2025. Species richness and abundance of native snakes in right-of-way sections in Centre County, Pennsylvania. *Journal of the Pennsylvania Academy of Science* 96:98-105.
- Davis, T. F., C.G. Mahan, and N. A. Davis (eds.). 2024. *A Literary Field Guide to Northern Appalachia*. Athens, GA: The University of Georgia Press. 224 pages.

- Young, J. A. and C. G. Mahan. 2023. Assessing tradeoffs between current and desired vegetation condition in a National Park using historical maps and high resolution lidar data. *Restoration Ecology*. <https://doi.org/10.1111/rec.13911>
- Keller, D., M. R. Gannon, and C. G. Mahan. 2023. Differences in eastern chipmunk (*Tamias striatus*) behavior between an urbanized and a forested habitat in central Pennsylvania. *Northeastern Naturalist* 30:295-303. <https://doi.org/10.1656/045.030.0302>
- Mahan, C. G. and M. A. Steele. 2022. The potential role of nematode parasites in wildlife declines: evidence from Allegheny woodrat (*Neotoma magister*) and Northern flying squirrel (*Glaucomys sabrinus*) in the eastern United States in *Parasitic Helminthes and Zoonoses: from basic to applied research* (Morales et al, eds.); Intech Publ., London, UK.
- Ross, B.D., J. Berger, L. Russo, and C. G. Mahan. 2022. Species richness, abundance, and productivity of birds along a powerline right-of-way within a forested landscape, northeastern United States. *American Midland Naturalist* 187:243-257.
- Mahan, C. G., A. T. van Kuren, B. Gamble, and J. Finley. 2021. The effect of small (2.5-ha), 10-year rotational clear cuts on oak regeneration in Pennsylvania and Michigan. *Journal of the Pennsylvania Academy of Sciences* 95:1-16.
- Russo, L., D. Roberts, H. L. Stout, B. D. Ross, and C. G. Mahan. 2021. Powerline right-of-way management and flower-visiting insects: How vegetation management can promote pollinator diversity. *PLoS ONE* 16:e0245146.
- Wolfkill, J., G. R. Turner, T. L. Serfass, S. Brosi, and C. G. Mahan. 2021. The prevalence of the raccoon roundworm, *Baylisascaris procyonis*, in Allegheny woodrat habitat in the mid-Atlantic region, U.S.A. *American Midland Naturalist* 185:145-147.
- DePasquale, C., X. Li, M. Harold, S. McClaren, and C. Mahan. 2020. No apparent selection for increased cranial capacity in small mammals during a century of urbanization. *Journal Mammalogy*, 101:1706-1710.
- Mahan, C. G., B. D. Ross, R. T. Yahner 2020. Integrated vegetation management and native plant species richness on Rights-of-Way. *Journal of Arboriculture and Urban Forestry* 46:395-401.
- Bigelow, S. W., C. G. Mahan, A. D. Rodewald, L. M. Conner, and L. L. Smith. 2020. Forest Management for Wildlife. Chapter 32 in Silvy, N. J. (ed.), *The Wildlife Techniques Manual*, 8th edition, Johns Hopkins University Press, Baltimore, MD.
- Mahan, C. G., Ross, B., Stout, H., and Roberts, D. 2019. The effect of vegetation management approaches on electric transmission lines rights-of-ways on bee populations. *Proceedings, Environmental Concerns in ROW Management, 12th International Symposium; 12*.
- Mahan, C. G. 2018. Reflections on ecology of the American Chestnut (*Castanea dentata*) Grove. In Marshall, I.S. (ed.), *Readings Shavers Creek: Ecological Reflections from an Appalachian Forest*. The Pennsylvania State University Press, University Park, PA.
- Pacheco, V, N. Espinoza, C. G. Mahan, D. Wardrop, J. Bishop, C. Augusto Monzon, R. Alvarez, y E. Mendoza. 2018. Aporte a la diversidad de amiferos de la ecoregion Puna de Puno y Tacana, Peru, mediante el empleo de trampas camera. *Mastozoologia*, IV Congrso LatinoAmericano, Bolivia.
- Waksmanski, S., J. A. Huffman, and C. G. Mahan. 2017. An examination of endoparasites and fecal testosterone levels in flying squirrels (*Glaucomys* spp.) using high performance liquid chromatography-ultra-violet (HPLC-UV). *International Journal of Parasitology* 25:135-137.
- Young, J. A., C. G. Mahan, and M. Forder. 2016. Integration of vegetation community spatial data into a prescribed fire planning process at Shenandoah National Park, Virginia (U.S.A.). *Natural Areas Journal*, 37:394-405.

- Emili, L. A., C. G. Mahan, and J. Pizarchik. 2015. Sustainable remediation of legacy mine drainage: a case study of the Flight 93 National Memorial. *Environmental Management* 1-11.
- Mahan, C. G., B. J. Miller, M. C. Saunders, and J. A. Young. 2014. Using Ecological Indicators and a Decision Support System for Integrated Ecological Assessment at Two National Park Units in the Mid-Atlantic Region, USA. *Environmental Management* 55: 508-522
- Emili, L. A., D. M. Morrison, C. M. Huss, C. G. Mahan, and E. P. Levri. 2013. A Student-based Investigation to Assess the Impacts of Chemical Deicers on the Water Quality of Spring Run Stream in Altoona, Pennsylvania. *Journal of the Pennsylvania Academy of Science* 87: 145–54.
- Steele, M. A., C. G. Mahan, and G. R. Turner. 2011. Northern Flying Squirrel. In *Terrestrial Vertebrates of Concern in Pennsylvania: A Guide to Conservation, Management, and Research*. Edited by Michael A. Steele, Margaret C. Brittingham, Tim Maret, and Joseph F. Merritt. Baltimore MD: John Hopkins University Press.
- Garroway, C. J., J. Bowman, T. J. Cascaden, G. L. Holloways, C. G. Mahan, J. R. Malcolm, M. A. Steele, G. Turner, and P. J. Wilson. 2010. Climate Change Induced Hybridization in Flying Squirrels. *Global Change Biology* 16: 113-121.
- Krichbaum, K., C. G. Mahan, M. A. Steele, G. R. Turner, and P.J. Hudson. 2010. The Potential Role of *Strongyloides robustus* on Parasite-Mediated Competition between Two Species of Flying Squirrels (*Glaucomys*). *Journal of Wildlife Diseases* 46: 229-235.
- Mahan, C. G., J. A. Bishop, M. A. Steele, G. Turner, and W. L. Myers. 2010. Habitat Characteristics and Revised Gap Landscape Analysis for the Northern Flying Squirrel (*Glaucomys sabrinus*): A State Endangered Species in Pennsylvania. *American Midland Naturalist* 164: 283-295.
- Rohr, J. R., C. G. Mahan, and K. C. Kim. 2009. Response of arthropod biodiversity to foundation species declines: the case of the eastern hemlock. *Forest Ecology Management* 258:1503-1510.
- Mahan, C. G., J. P. Vanderhorst, and J. A. Young. 2009. Natural resource assessment: an approach to science-based planning in National Parks. *Environmental Management* 43:1301-1312.
- Mahan, C. G., D. R. Diefenbach, and W. B. Cass. 2007. Evaluating and revising a long-term monitoring program for vascular plants: lessons from Shenandoah National Park. *Natural Areas Journal* 27:16-24.
- Rohr, J., C. G. Mahan, and K. C. Kim. 2007. Developing a monitoring program for invertebrates: guidelines and a case study. *Conservation Biology* 21:422-433.
- Mahan, C. G. and C. S. Itle. 2006. Prevalence of the helminth egg from *Enterobius sciuri* in eastern chipmunks (*Tamias striatus*): a new host record. *Journal of the Pennsylvania Academy of Science* 80:35-37.
- Mahan, C. G. and T. J. O'Connell. 2005. Small mammal use of suburban and urban parks in central Pennsylvania. *Northeastern Naturalist* 12:307-314.
- Mahan, C. G., K. L. Sullivan, B. Black, K. C. Kim, and R. H. Yahner. 2004. Overstory tree composition of eastern hemlock stands threatened by the hemlock woolly adelgid at Delaware Water Gap National Recreation Area. *Castanea* 68:30-37.
- Yahner, R. H., and C. G. Mahan. 2002. Animal Behavior in Fragmented Landscapes. Chapter 15 in *Forest Fragmentation and Landscape Ecology*. Kevin Gutzweiller (ed). Springer-Verlag: NY.
- Burke De Silva, K., C. G. Mahan, and J. DeSilva. 2002. The trill of the chase: eastern chipmunks call to warn kin. *Journal of Mammalogy* 83:54-552.
- Mahan, C. G., and R. H. Yahner. 1999. Effects of Forest Fragmentation on Behavioural Patterns in the Eastern Chipmunk (*Tamias striatus*). *Canadian Journal of Zoology* 77:1991-1997.

- Mahan, C. G., M. A. Steele, M. J. Patrick, and G. L. Kirkland, Jr. 1999. The Status of the Northern Flying Squirrel (*Glaucomys sabrinus*) in Pennsylvania. *Journal of the Pennsylvania Academy of Science* 73: 15-21.
- Mahan, C. G., and R. H. Yahner. 1998. Lack of Population Response by Eastern Chipmunks (*Tamias striatus*) to Forest Fragmentation. *American Midland Naturalist* 140: 382-386.
- Yahner, R. H., and C. G. Mahan. 1997. Behavioral Considerations in Fragmented Landscapes. *Conservation Biology* 11:569-570.
- Mahan, C. G., and R. H. Yahner. 1996. Effects of Forest Fragmentation on Burrow-Site Selection by the Eastern Chipmunk (*Tamias striatus*). *American Midland Naturalist* 136: 352-357.
- Yahner, R. H., and C. G. Mahan. 1996. Depredation of Artificial Ground Nests in a Managed Forested Landscape." *Conservation Biology* 10: 285-288.
- Mahan, C. G., and R. H. Yahner. 1996. Temporal Effects on Detection of Eastern Chipmunks (*Tamias striatus*) in Forested Landscapes. *Journal of the Pennsylvania Academy of Science* 70: 61-64.
- Mahan, C.G., R. H. Yahner, and L. R. Stover. 1994. Development of a remote collaring technique for red squirrels. *Wildlife Society Bulletin* 22:270-273.
- Mahan, C. G. and R. H. Yahner. 1992. Microhabitat use by red squirrels in central Pennsylvania. *Northeast Wildlife* 49:49-56.

*This is a selected list of publications; 25% of listed publications have an undergraduate co-author. When listed as last author, this indicates that research was conducted in my laboratory and that I am corresponding author.

Selected Conference/Seminar Papers (Does not include outreach, community talks, or lay publications)

- Mahan, C. G. Rights-of-way as habitat for wildlife along transmission electric lines-- Invited speaker and Webinar; TREE fund research; April 8, 2025. (remotely presented). Also presented at: FirstEnergy Management Symposium; April 14, 2025
- Mahan, C. G.(invited) Using Integrated Vegetation Management (IVM) to increase biodiversity in human landscapes; Biodiversity and Nature in Energy and Conservation conference, Chesteron, IN, August 12-14, 2025.
- Gabbri, G (Mahan as co-author). Behavioral adaptations at key genes facilitates coexistence. ESEB (European Society Evolutionary Biology) Congress in Barcelona from 17 - 22 August 2025
- Mahan, C. G., Carnivore-human coexistence forum; presenter and organizer, US Embassy, Rome IT [Forthcoming: November 9-10, 2023]
- Mahan, C. G., Expanding integrated vegetation management on rights-of-way to oil/gas pipelines; Seminar and workshop; Shell Midstream (organizer); Pittsburgh, PA, July 2023.
- Mahan, C. G. (invited symposium and organizer). Academic and industrial partnerships in ecological research. Co-invitees representing Rutgers, Jackson State, Sonoma State, Ohio State, and SUNY. Bi-annual ISA ROW conference, Charlotte, NC, October 2022.
- Mahan, C. G. Carnivore-human coexistence: implications for evolution, policy, and conservation. Seminar presented, University of Molise, Isernia, IT, May 2022 (also presented a US Embassy-Rome; Italy Forestry Carabinieri, Rome; Abruzzo National Park, Pescasseroli, IT, June 2022.)
- Mahan, C. G. (Invited). Use of wildlife by human-created corridors: birds, mammals, herptiles, native plants, native bees, and ground beetles in rights-of-way. TREE and International Society of Arborists, Chicago, Illinois, September 2021.
- Mahan, C. G. (Invited). Integrated vegetation management (IVM) and wildlife conservation in industrial rights-of-way in U.S.A.—women in the field panel. United Association of Arborists, Arbor Day Foundation, Trees and Utilities Conference (Virtual), September 2020.

- DePasquale, O. C., M. Herald, X. Li, S. McClaren, and C. G. Mahan. Changes in cranial capacity of small mammals in urban landscapes. Annual Conference, Animal Behavior Society, July 2020.
- Mahan, C. G. (Invited). Rights-of-Way management for wildlife. National Wild Turkey Federation Conference, Nashville, TN, February 2020.
- Stout, H. L., B. D. Ross, D. Roberts, and C. G. Mahan. Native bees and rights-of-way management. Entomological Society of American, Eastern Branch Annual Meeting, Blacksburg, VA, March 2019.
- Stout, H., L. Russo, D. Roberts, B. Ross, and C. G. Mahan. Bee diversity on electric transmission rights-of-way in Pennsylvania: a continuing study of how vegetation management strategies influence wild pollinators. Entomological Society of America, Annual Meeting, Vancouver, British Columbia, November 2018.
- Mahan, C. G., B. D. Ross, H. Stout, D. Roberts. The effect of vegetation management treatments on native bees on electric transmission lines: pre- and post-treatment. United Arborists Association 12 (peer-reviewed proceedings), Denver, CO, September 2018.
- Roberts, D., H. Stout, B. Ross, L. Russo, and C. Mahan. The effect of vegetation management approaches on electric transmission right-of-ways on bees. Entomological Society of America Annual Meeting, Denver, CO, November 2017.
- Mahan, C. G., D. Krause, and C. Duncan. Plant and animal community response to long-term vegetation management practices on rights-of-ways. Utility Arborists Association 11 (oral presentation and peer-reviewed proceedings), Halifax, Nova Scotia, September 2016.
- Mahan, C. G. Integrated Vegetation Management on Rights-of-Ways and Effects on Wildlife: 60 years of research. United Arborists Association Integrated Vegetation Management, United Arborists Association, The Tree Fund, Sacramento, CA, May 2015.
- Studlar, S., P. Clark, and C. Mahan. Climbing Impacts on Cliff Bryophyte and Lichen Communities in the New River Gorge (NERI), West Virginia. Presented at the annual meeting American Botany Society, Boise, Idaho, July 2014.
- Young, J. A. and C. G. Mahan. IUFRO Landscape Ecology Conference, Concepcion, Chile. Paper presented: Incorporating landscape ecology principles into Natural Resource Condition Assessments of U.S. National Parks, November 2012.
- Pulver, K., A. Meers, J. F. Finley, and C. G. Mahan. The effects of Marcellus well pad development and wind turbine placement on forest health in central Pennsylvania. Poster presented at the Wildlife Society Annual Meeting, Kona, HI, November 2011.
- Mahan, C. G., M. Steele, and J. Merritt. Status of mammal species of concern in Pennsylvania over the past 25 years. American Society of Mammalogists, Laramie, WY, June 2010.
- Mahan, C. G., A. Van Kuren, B. Gamble, and J. F. Finley. The potential effects of clearcut size, clearcut age, and deer management on oak regeneration in central Pennsylvania. Poster presented at The Wildlife Society annual meeting, Monterey, CA, September 2009.
- Van Kuren, A., Schenk, A., C. Mahan, M. Steele, G. Turner. Parasite communities of northern and southern flying squirrels: potential parasite-mediated competition. Presented at the American Society of Mammalogists meetings, South Dakota State University, Brookings, SD, June 2009.
- Mahan, C. G., G. Turner, M. A. Steele, and M. O'Mahoney. Forest stand age, composition, structure, and surrounding land use associated with the state threatened northern flying squirrel (*Glaucomys sabrinus*) in Pennsylvania. Talk presented at Pennsylvania Chapter of the Wildlife Society meetings, March 2007.

- Mahan, C. G., G. Turner, M. A. Steele, and M. O'Mahoney. Conservation concerns of flying squirrels in Pennsylvania. Presented at the Annual Meeting of the American Society of Mammalogists, Amherst, MA, June 2006.
- Mahan, C. G. Making data useful for park planning. George Wright Society, Biennial Conference, Philadelphia, PA, March 2005.
- Deifenbach, D. and C. G. Mahan. Development of a long-term inventory and monitoring program for vascular plants at Shenandoah National Park. Wildlife Society Annual Meeting, Calgary, Alberta, September 2004.
- Mahan, C. G. and T. J. O'Connell. Composition of small mammal assemblages along a gradient of disturbance in suburban parks. American Society of Mammalogists Annual Meeting, Lubbock, TX, June 2003.
- Itle, C., C. G. Mahan, and C. Quigley. Parasite Infestation Rates in Eastern Chipmunk Populations in Central Pennsylvania. American Society of Mammalogists Annual Meeting, Missoula MT, June 2001.
- Mahan, C. G. Teaching Thoreau's *Walden* from a Science Perspective. American Literature Associate Annual Meeting, Cambridge MA, May 2001.
- Mahan, C. G., H. Gates, M. J. Patrick, and M. Smith. Parasites Associated with Eastern Chipmunks in Forested and Human-Modified Environments. American Society of Mammalogists, Durham NH, June 2000.

Research Funding Sources (as Principal Investigator)

Research has been internally (The Pennsylvania State University, Huck Institute, Center for Pollinator Research, Core Facilities Research, Penn State Altoona Advisory Board) and externally funded. External sponsors include: Pennsylvania Department of Transportation, TREE fund, Asplundh Tree Experts, Corteva Agriscience, FirstEnergy, Pennsylvania Electric Company (PECO), Northeast Association of Fish and Wildlife Agencies, U.S. Department of the Interior/National Park Service, Pennsylvania Department of Conservation and Natural Resources, Pennsylvania Game Commission, The Hamer Foundation, Frostburg State University, Wilkes University, U.S. Department of Agriculture, Shell Midstream

Total research expenditures (as principal investigator) to date: \$6.5 million.

Select Technical Reports

- Mahan, C. G., H. Stout, B. D. Ross. 2024. Habitat credit program for monarch/pollinators. Commonwealth of Pennsylvania, Department of Transportation, Final Report, 4300023298-001, Harrisburg, PA.
- Mahan, C. G. 2021, 2022, 2023, 2024, 2025. Floral and faunal research on utility rights-of-way. TREE Fund, Annual Report, Chicago, IL.
- Mahan, C. G. and J. A. Young. 2018. New River Gorge National River natural resource condition assessment. Technical Report NPS/NERO/NRR--2018/. USDI, National Park Service, Philadelphia, PA.
- Mahan C. G. 2016. Cliff resources at New River Gorge National River: A synthesis of geology, flora, and visitor use. Natural Resource Report. NPS/NERI/NRR 2016/1134. National Park Service, Fort Collins, CO.

- Mahan, C. G. and J. A. Young. 2015. Fredericksburg and Spotsylvania National Military Park natural resource condition assessment. Natural Resources Report NPS/NERO/NRR—2015/1093. USDI National Park Service, Fort Collins, CO.
- Mahan, C. G., J. A. Young, and M. Forder. 2012. Prioritizing forest communities and areas for the use of prescribed fires at Shenandoah National Park. Natural Resources Technical Report NPS/SHEN/NRTR—2012/625. USDI, National Park Service, Fort Collins, CO.
- Mahan, C. G., B. J. Miller, M. C. Saunders, and J. A. Young. 2011. Assessment of natural resources and watershed conditions for Delaware Water Gap National Recreation Area and Upper Delaware Scenic and Recreational River. Natural Resources Report NPS/NER/NRR—2011/429. USDI, National Park Service, Fort Collins, CO.
- Mahan, C. G. 2006. A natural resource assessment for Shenandoah National Park. Technical Report NPS/NER/NRTR—2006/071, USDI, National Park Service, Philadelphia, PA.
- Mahan, C. G. 2007. Tri-state black bear (*Ursus americana*) summit: scientific challenges and public perceptions: technical report. Pennsylvania Game Commission, Harrisburg, PA
- Boone, J. H., C. G. Mahan, and K. C. Kim. 2005. Biodiversity inventory: approaches, analysis, and synthesis. Technical Report NPS/NER/NRTR—2005/015. USDI, National Park Service, Philadelphia, PA.
- Mahan, C. G., J. H. Boone, K. C. Kim, K. Sullivan, and R. Byers. 2004. Biodiversity associated with eastern hemlock forests: assessment and classification of invertebrate biodiversity within Shenandoah National Park. Technical Report NPS/NER/NRTR—2004/001. USDI, National Park Service, Philadelphia, PA.

TEACHING

Courses taught and developed*

BIOL 110: Biology: Basic Concepts and Biodiversity (Lecture and Laboratory)

ENVST 100: Visions of Nature*

ENVST 200: Research Methods in Environmental Studies*

ENVST 400W: Senior Seminar in Environmental Studies*

ENVST 497: Immersive, inter-disciplinary experience Hawai’ian islands: natural history, geology, and Polynesian culture*

BIOL 427: Evolution

BIOL 444: Field Ecology of the Appalachians

BIOL 463: General Ecology

BI SC 003H: Environmental Science Honors

BI SC 004: Human Body: Form and Function

HIST 453: Environmental History

PSU 003: First-Year Seminar

INSTP 370: Environmental Studies Internship Preparation

BIOL 296/496; ENVST 296/496: Research in Biology, Environmental Studies; To date, I have supervised 58 undergraduate student research projects

Teaching and Research Awards:

Milton Eisenhower Award for Outstanding Teaching, Penn State University, 2010.

Athleen Stere Award for Outstanding Teaching, Penn State Altoona, 2009.

Grace Long Outstanding Faculty Award, Penn State Altoona, 2004.

Outstanding Research and Creativity Award, Penn State Altoona, 2022.

SERVICE

Governor's Advisory Council for Hunting, Fishing, and Conservation (Governor Joshua Shapiro [reappointed]; Conservation), Pennsylvania, 2023-present
Governor's Advisory Council (Governor Thomas Wolf; Conservation), Pennsylvania 2016-2022.
Rights of Way Stewardship Council, 2023-present
Advisory Board, Pennsylvania Center for Private Forest, 2013-2023
Penn State University Institutional Animal Care and Use Committee, 2014-present
Sustainability Institute, Commonwealth Campus Sustainability Assessment Investigator, 2016-2017
Advisory Board, Pennsylvania Mammal Atlas, 2013-2017
University Senator, Penn State, 2008-2011, 2014-2018
Faculty Scholar Life Sciences Award Selection Committee (Eberly College), 2014-2016
Science Advisor, U.S.D.I. National Park Service, 2007-2014
Eberly College of Science, Dean AD-14 review, 2014, Dean Search Committee, 2015
Schreyer Honors College, Eisenhower and Atherton Teaching Award Selection Committee, 2011-2013
American Society of Mammalogists, Images Library Committee, 2000-2013
President, Pennsylvania Biological Survey (PABS), 2008-2013, (member 2008-present)
Executive Committee, MNS Division, Penn State Altoona, 2002-2022
Co-chair, Mammal Technical Committee, PABS, 2004-2008 (member 1996-present)
Board of Directors, Pennsylvania Wildlife Society, 2000-2005 (life member)
Board of Directors, The ClearWater Conservancy, 2002-2008 (member 1999-present)
Affiliate Faculty Member: Penn State Institute Energy and Environment, Huck Institute Life Sciences, Center for Pollinator Research, Sustainability Institute, Graduate Program in Ecology

Past and Current Membership in Professional Societies

The Wildlife Society, American Society of Mammalogists, Natural Areas Association, Society for Conservation Biology