
ANDREW J. EDELMAN

Biology Program
 Department of Natural Sciences
 University of West Georgia
 1601 Maple St.
 Carrollton, GA 30118

E-mail: aedelman@westga.edu
 Phone: (678) 839-4042
<https://sites.google.com/site/andrewjedelman>

EDUCATION

University of New Mexico Ph.D. biology, 2010
 Advisor: Astrid Kodric-Brown Tool skills: statistics and GIS
Dissertation: Dispersal, facilitation, and burrow architecture in banner-tailed kangaroo rats.

University of Arizona M.S. wildlife and fisheries science, 2004
 Advisor: John Koprowski
Thesis: The ecology of an introduced population of Abert's squirrels in a mixed-conifer forest.

Willamette University B.S. biology, 1999
 Thesis advisor: John Koprowski Minor: environmental science
Senior Thesis: The effect of reversed sexual size dimorphism on agonistic encounters in the Townsend's chipmunk (*Tamias townsendii*).

ACADEMIC APPOINTMENTS

Professor, Department of Natural Sciences, Univ. of West Georgia	2022-present
Graduate Program Coordinator, M.S. Biology Program, Univ. of West Georgia	2023-present
Co-director of the Wildlife Ecology Certificate Program, Univ. of West Georgia	2022-present
Associate Professor, Department of Biology, Univ. of West Georgia	2017-2022
Assistant Professor, Department of Biology, Univ. of West Georgia	2012-2017
NSF Postdoctoral Fellow in Bioinformatics, Univ. of Wyoming	2010-2012
Mentor: David McDonald	
Graduate Teaching Assistant, Univ. of New Mexico	2008-2010
NSF Graduate Fellow in K-12 Education, Univ. of New Mexico	2006-2008
NSF Graduate Fellow in Biocomplexity, Univ. of New Mexico	2005-2006
Graduate Teaching Assistant, Univ. of New Mexico	2004-2005
Graduate Teaching Assistant, Univ. of Arizona	2004
Graduate Research Assistant, Red Squirrel Monitoring Project, Univ. of Arizona	2001-2003

RESEARCH INTERESTS

- Community, population, and behavioral ecology
- Conservation and management of terrestrial animals

FELLOWSHIPS AND AWARDS

2023	Faculty Excellence Award in Research/Creative Activity, UWG College of Arts, Culture, & Scientific Inquiry (\$1,000)
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- 2022 Promotion to Professor, Univ. of West Georgia
- 2022 Group Achievement Award (Eastern Spotted Skunk Cooperative Study Group), The Wildlife Society
- 2019 Sabbatical Semester, Univ. of West Georgia
- 2017 Promotion & tenure to Associate Professor, Univ. of West Georgia
- 2015 Excellence in Research Award, UWG College of Science & Mathematics (\$1,000)
- 2014 Recognition award for innovation and early success in textbook transformation, University System of Georgia, Affordable Learning Georgia Program
- 2011-2013 NSF FIRST IV Postdoctoral Fellowship in Undergraduate Teaching
- 2010-2012 NSF Postdoctoral Fellowship in Biological Informatics (\$123,000)
- 2009 Regents' Graduate Fellowship, Univ. of New Mexico (\$1,000)
- 2009 Runner-up Best Graduate Oral Presentation, Univ. of New Mexico Annual Research Day
- 2008 Shadle Fellowship, American Society of Mammalogists (\$4,335)
- 2006-2008 NSF Graduate Teaching Fellowship in K-12 Education, Univ. of New Mexico (\$60,000 2-yr salary and \$1,000 for research)
- 2005-2006 NSF Graduate Fellowship in Biocomplexity, Univ. of New Mexico (\$30,000 1-yr salary)
- 2006 Best Graduate Oral Presentation, Univ. of New Mexico Annual Research Day
- 2005 Grove Summer Scholarship, Univ. of New Mexico Biology Dept. (\$3,000)

PUBLICATIONS (* DENOTES STUDENT AUTHOR)

- In prep. Torrey, K.E.*, J.S. Johnson, J.M. Stober, and **A.J. Edelman**. Space and roost use by imperiled bats in a fire-managed forest. *Forest Ecology and Management*.
- In prep. Rooney, B. et al. SNAPSHOT USA 2022: Year 4 of the coordinated national camera trap survey of the United States. *Ecology*.
- In prep. Kays, R.L. et al. Climate, food, and humans predict mammal communities in the United States. *Global Ecology and Biogeography*.
- Accepted Shamon, H. et al. SNAPSHOT USA 2021: A third coordinated national camera trap survey of the United States. *Ecology*.
- Accepted Jachowski, D.S., **A.J. Edelman**, and B. Sasse. Eastern spotted skunk. In: Hiller, T. (ed.), *Wild Furbearer Management and Conservation in North America*.
- 2023 Baldwin, M.E.*, J.M. Stober, and **A.J. Edelman**. Prescribed fire and thinning influence snag density and size in the southern Appalachian Mountains. *Forest Ecology and Management* 533:120864.
- 2022 Lewis, M.A.*, E.A. Ferrall, J.S. Johnson, K.M. Morris, N.W. Sharp, J.M. Stober, K.E. Torrey*, and **A.J. Edelman**. Extralimital occurrences of southeastern myotis in Alabama and Georgia. *Southeastern Naturalist* 21:211-219.
- 2022 **Edelman, A.J.**, D.S. Jachowski, and C. Olfenbittel. Spotting a need: Collaborative efforts aim to improve how we understand and conserve eastern spotted skunks. *Wildlife Professional* 16:36-39.

- 2022 Arts, K.J.*, M.K. Hudson, Sharp, N.W., and **A.J. Edelman**. Eastern spotted skunks alter nightly activity and movement in response to environmental conditions. *American Midland Naturalist* 188:33-55.
- 2022 Kays R. et al. SNAPSHOT USA 2020: A second coordinated national camera trap survey of the United States during the COVID-19 Pandemic. *Ecology*:e3775.
- 2022 Dukes, C.G., D.S. Jachowski, S.N. Harris, M.L. Allen, L.E. Dodd, **A.J. Edelman**, S.H. LaRose, R.C. Lonsinger, and D.B. Sasse. A review of camera trapping methodology for eastern spotted skunks. *Journal of Fish & Wildlife Management* 13:295-305.
- 2021 Jachowski, D.S., and **A.J. Edelman**. Advancing small carnivore research and conservation: The Eastern Spotted Skunk Cooperative Study Group model. *Southeastern Naturalist* 20(Special Issue 11):1-12.
- 2021 Butler, A.R., **A.J. Edelman**, R.Y.Y. Eng, S.N. Harris, C. Olfenbuttel, E. Thorne, W.M. Ford, and D.S. Jachowski. Demography of the Appalachian spotted skunk (*Spilogale putorius putorius*). *Southeastern Naturalist* 20(Special Issue 11):95-109.
- 2021 Arts, K.J.*, T.R. Sprayberry*, W.C. Cornelison*, and **A.J. Edelman**. Observations of eastern spotted skunk reproduction, mortality, and behavioral interactions in Alabama. *Southeastern Naturalist* 20(Special Issue 11):119-125.
- 2021 Cove, M.V. et al. SNAPSHOT USA 2019: A coordinated national camera trap survey of the United States. *Ecology* 102:e03353
- 2021 Johnson, J.S., N.W. Sharp, M.N. Monarchino, T.M. Lilley, and **A.J. Edelman**. No sign of infection in free-ranging *Myotis austroriparius* hibernating in the presence of *Pseudogymnoascus destructans* in Alabama. *Southeastern Naturalist* 20:20-28.
- 2020 Pynne, J.T.*, J.M. Stober, and **A.J. Edelman**. Eastern fox squirrel (*Sciurus niger*) occupancy patterns in fragmented montane longleaf pine forests. *Southeastern Naturalist* 19:403-417.
- 2019 **Edelman, A.J.** *Sylvilagus obscurus* (Lagomorpha: Leporidae). *Mammalian Species* 51(984):128-135.
- 2019 **Edelman, A.J.** Carnivora. In: Vonk J., Shackelford T. (eds.), *Encyclopedia of Animal Cognition and Behavior*. Springer, Cham.
- 2019 Benson, I.W.*, T.L. Sprayberry*, W.C. Cornelison*, and **A.J. Edelman**. Rest-site activity patterns of eastern spotted skunks in Alabama. *Southeastern Naturalist* 18:165-172.
- 2018 Sprayberry, T.R.*, and **A.J. Edelman**. Den-site selection and use by eastern spotted skunks in the southern Appalachians. *Journal of Mammalogy* 1:242-251.
- 2017 **Edelman, A.J.**, and J.L. Edelman. An inquiry-based approach to engaging undergraduate students in on-campus conservation research using camera traps. *Southeastern Naturalist* 16:58-69.

- 2017 Cornelison, W.C.*, and **A.J. Edelman**. Eastern spotted skunks in Alabama. *Alabama Wildlife* 81:27-29.
- 2016 Sprayberry, T.R. *, and **A.J. Edelman**. Food provisioning of kits by a female eastern spotted skunk. *Southeastern Naturalist* 15:N53-N56.
- 2016 Koprowski, J.L, K.E. Munroe, and **A.J. Edelman**. Gray not grey: ecology of *Sciurus carolinensis* in their native range in North America. In: Shuttleworth, C.M., Lurz, P.W.W. and Gurnell, J. (eds.), *Grey squirrels: ecology and management of an invasive species in Europe*. European Squirrel Initiative, Suffolk, England. Pp. 1-17.
- 2015 **Edelman, A.J.**, J. Moran, T.J. Garrabrant*, and K.C. Vorreiter*. Muskrat predation of native freshwater mussels in Shoal Creek, Alabama. *Southeastern Naturalist* 14:473-483.
- 2014 **Edelman, A.J.**, and D.B. McDonald. Cooperation between long-term partners and friends of a friend structure male manakin social networks. *Animal Behaviour* 97:125-133.
- 2014 **Edelman, A.J.** Multiple socioecological factors influence timing of natal dispersal in kangaroo rats. *Behavioral Ecology and Sociobiology* 68:1123-1131.
- 2014 Pinter-Wollman, N., E. Hobson, J. Smith, **A.J. Edelman**, D. Shizuka, J. Waters, S. de Silva, S. Prager, T. Sasaki, G. Wittemyer, J. Fewell, and D. McDonald. Response: The dynamics of network dynamics. *Behavioral Ecology* 25:260-261.
- 2014 Pinter-Wollman, N., E. Hobson, J. Smith, **A.J. Edelman**, D. Shizuka, J. Waters, S. de Silva, S. Prager, T. Sasaki, G. Wittemyer, J. Fewell, and D. McDonald. The dynamics of animal social networks: analytical, conceptual, and theoretical advances. *Behavioral Ecology* 25:242-255.
- 2012 **Edelman, A.J.** Positive interactions between desert granivores: localized facilitation of harvester ants by kangaroo rats. *PLoS ONE* 7(2): e30914. doi:10.1371/journal.pone.0030914
- 2011 **Edelman, A.J.** Sex-specific effects of size and condition on timing of natal dispersal in banner-tailed kangaroo rats. *Behavioral Ecology* 22:776-783.
- 2011 **Edelman, A.J.** Kangaroo rats remodel burrows in response to seasonal changes in environmental conditions. *Ethology* 117:430-439.
- 2011 **Edelman, A.J.** A practical guide to merging behavior and conservation. *Trends in Ecology and Evolution* 26:500-501 (Review of *A primer of conservation behavior* by D. Blumstein and E. Fernández-Juricic).
- 2009 **Edelman, A.J.**, J.L. Koprowski, and S.R. Bertelsen*. Potential for nest site competition between native and exotic tree squirrels. *Journal of Mammalogy* 90:167-174.
- 2009 **Edelman, A.J.**, and J.L. Koprowski. Introduced Abert's squirrels in the Pinaleno Mountains: a review of their natural history and potential impacts on the red squirrel. *The Last Refuge of the Mt. Graham Red Squirrel: Ecology of Endangerment* (H.R. Sanderson and J.L. Koprowski, eds.). University of Arizona

Press, Tucson. Pp 370-388.

- 2007 **Edelman, A.J.**, and J.L. Koprowski. Communal nesting in asocial Abert's squirrels: the role of social thermoregulation and breeding strategy. *Ethology* 113:147-154.
- 2006 **Edelman, A.J.**, and J.L. Koprowski. Seasonal changes in home ranges of Abert's squirrels: impact of mating season. *Canadian Journal of Zoology* 84:404-411.
- 2006 **Edelman, A.J.**, and J.L. Koprowski. Influence of female-biased sexual size dimorphism on dominance of female Townsend's chipmunks. *Canadian Journal of Zoology* 84:1859-1863.
- 2006 **Edelman, A.J.**, and J.L. Koprowski. Characteristics of Abert's squirrel (*Sciurus aberti*) cavity nests. *Southwestern Naturalist* 51:64-70.
- 2005 **Edelman, A.J.**, and J.L. Koprowski. Selection of drey sites by Abert's squirrels in an introduced population. *Journal of Mammalogy* 86:1220-1226.
- 2005 **Edelman, A.J.**, and J.L. Koprowski. Diet and tree use of Abert's squirrels (*Sciurus aberti*) in a mixed-conifer forest. *Southwestern Naturalist* 50:461-465.
- 2005 **Edelman, A.J.**, J.L. Koprowski, and J.L. Edelman. Kleptoparasitic behavior and species richness at Mt. Graham red squirrel middens. Connecting mountain islands and desert seas: biodiversity and management of the Madrean Archipelago II. 2004 May 11-15; Tucson, AZ. Proceedings RMRS-P-36. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. Pp 395-398.
- 2005 Koprowski, J.L., **A.J. Edelman**, B.S. Pasch, and D.C. Buecher. A dearth of data on the mammals of the Madrean Archipelago: what we think we know and what we actually do know. Connecting mountain islands and desert seas: biodiversity and management of the Madrean Archipelago II. 2004 May 11-15; Tucson, AZ. Proceedings RMRS-P-36. Fort Collins, CO: U.S. Department of Agriculture, Forest Service, Rocky Mountain Research Station. Pp 412-415.
- 2003 **Edelman, A.J.** *Marmota olympus*. *Mammalian Species* 736:1-5.

GRANTS AWARDED (\$807,042 TOTAL INCLUDING FELLOWSHIPS)

- 2023 Student Research Assistant Program Award, Univ. of West Georgia (\$1,550)
- 2022 Student Research Assistant Program Award, Univ. of West Georgia (\$1,720)
- 2021 Faculty Research Grant, Univ. of West Georgia (\$5,000)
- 2021 Competitive State Wildlife Grant, USFWS (\$988,384 with multiple collaborators; not funded)
- 2020 Participating Agreement, U.S. Forest Service Shoal Creek Ranger District (\$14,000)
- 2020 White-nose Syndrome Research Grant, USFWS (\$214,697 with C. Cornelison, S. Loeb, & T. McElroy)
- 2020 Alabama Pittman Robertson Grant, Alabama Division of Wildlife (\$652,371 with R. Gitzen & J. Willoughby; not funded)
- 2019 Student Research Assistant Program Award, Univ. of West Georgia (\$1,570)
- 2018 Alabama Pittman Robertson Grant, Alabama Division of Wildlife (\$37,419 with N.

Sharp)

2018 Participating Agreement, U.S. Forest Service Shoal Creek Ranger District (\$5,000)

2018 Student Research Assistant Program Award, Univ. of West Georgia (\$1,450)

2017 Alabama Pittman Robertson Grant, Alabama Division of Wildlife (\$51,136 with N. Sharp)

2017 SEEP Undergraduate Research and Mentoring Program, UWG (\$2,700)

2017 Participating Agreement, U.S. Forest Service Shoal Creek Ranger District (\$33,000)

2017 Student Research Assistant Program Award, Univ. of West Georgia (\$1,650)

2016 Section 6 Endangered Species Grant, Alabama Division of Wildlife (\$25,000 with N. Sharp)

2016 Participating Agreement, U.S. Forest Service Shoal Creek Ranger District (\$25,000)

2016 SEEP Undergraduate Research and Mentoring Program, UWG (\$2,700)

2016 Student Research Assistant Program Award, Univ. of West Georgia (\$1,475)

2016 Faculty Research Grant, Univ. of West Georgia (\$5,000)

2015 White-nose Syndrome Small Grant, U.S. Fish & Wildlife Service (\$30,000 with J. Johnson & J. Stober).

2015 Section 6 Endangered Species Grant, Alabama Division of Wildlife (\$25,000)

2015 Participating Agreement, U.S. Forest Service Shoal Creek Ranger District (\$12,000)

2015 Student Research Assistant Program Award, Univ. of West Georgia (\$1,700)

2015 Presidential Research Grant, Univ. of West Georgia (\$5,000 with G. Payne)

2014 Participating Agreement, U.S. Forest Service Shoal Creek Ranger District (\$5,000)

2014 COSM Faculty Research Grant, Univ. of West Georgia (\$1,250)

2014 UWise Student Research Grant, Univ. of West Georgia (\$5,000)

2014 Student Research Assistant Program Award, Univ. of West Georgia (\$1,800)

2013 UWise Student Research Grant, Univ. of West Georgia (\$8,100)

2013 UWise Instruction Mini-grant, Univ. of West Georgia (\$2,700)

2013 COSM Faculty Research Grant, Univ. of West Georgia (\$1,250)

2013 Student Research Assistant Program Award, Univ. of West Georgia (\$2,900)

2013 Internal Development Grant, Univ. of West Georgia (\$7,500)

2012 UWise Instruction Mini-grant, Univ. of West Georgia (\$11,500)

2011 Colonel Rogers Excellence Fund, Univ. of Wyoming (\$6,300 with D. McDonald)

2011 Publication Reimbursement Award, UNM Bio. Graduate Student Organization (\$300)

2009 Joseph Gaudin Scholarship in Mammalogy, UNM Biology Dept. (\$2,000)

2008 Graduate Student Summer Grant, Sevilleta LTER (\$3,500)

2008 Joseph Gaudin Scholarship in Mammalogy, UNM Biology Dept. (\$1,500)

2007 Research Grant, UNM Student Research Allocation Committee (\$500)

2007 Research Grant, UNM Biology Graduate Student Organization (\$300)

2006 Grant-in-Aid of Research, American Society of Mammalogists (\$1,500)

2006 McCarley Student Research Award, Southwestern Association of Naturalists (\$1,000)

2006 Graduate Student Summer Grant, Sevilleta LTER (\$3,500)

2006 Research Grant, UNM Biology Graduate Student Organization (\$250)

2006 Travel Grant, UNM Biology Graduate Student Organization (\$150)

2005 Grant for Conservation Biology Research, T & E, Inc. (\$2,500)

2005 Graduate Student Summer Grant, Sevilleta LTER (\$3,500)

2005 Research Project and Travel Grant, UNM Graduate College (\$700)

2005 Research Grant, UNM Student Research Allocation Committee (\$500)

- 2005 Research Grant, UNM Biology Graduate Student Organization (\$100)
- 2005 Graduate Research Development Fund, UNM (\$750)
- 2004 Research Project and Travel Grant, UNM Graduate College (\$800)
- 2004 Research Grant, UNM Student Research Allocation Committee (\$500)
- 2004 Research Grant, UNM Biology Graduate Student Organization (\$300)
- 2003 Grant for Conservation Biology Research, T & E, Inc. (\$2,500)
- 2003 Bursary Award, 3rd International Tree Squirrel Colloquium (\$140)
- 2002 Student Research Grant, Animal Behavior Society (\$1,000)
- 2001 Grant-in-Aid of Research, Sigma Xi (\$400)

TEACHING EXPERIENCE

- 2012-present **Professor**, Conservation Biology, Ecology, Fire Ecology, Wildlife Techniques, Evolution, Principles of Biology II (science majors), and Fundamentals of Biology (nonmajors); supervised 8 honors students, Univ. of West Georgia.
- 2011-2013 **Postdoctoral scholar**, NSF Faculty Institutes for Reforming Science Teaching (FIRST) IV Program in Undergraduate Teaching, Michigan State Univ. Received training and mentoring in inquiry-based, student-centered science instruction for undergraduate courses.
- 2011 **Co-instructor**, General Biology, Univ. of Wyoming.
- 2011-2012 **Guest lecturer**, Fish and Wildlife Management (1 lecture) and Mammalogy (1 lecture), Univ. of Wyoming.
- 2008-2010 **Graduate teaching assistant**, Ecology and Evolution & Plant and Animal Form and Function courses, Univ. of New Mexico.
- 2006-2008 **NSF graduate teaching in K-12 education fellow**, Taught inquiry-based science lessons to middle school students, Univ. of New Mexico.
- 2006-2007 **Guest lecturer**, Animal Behavior (4 lectures), Univ. of New Mexico.
- 2004-2005 **Graduate teaching assistant**, Cell Biology and Genetics, Univ. of New Mexico.
- 2004 **Graduate teaching assistant**, Introductory Biology, Univ. of Arizona.
- 1996-1999 **Undergraduate teaching assistant**, Ecology and Introductory Biology, Willamette Univ.

MENTORING EXPERIENCE

- 2012-present **Research mentor** (26 undergraduate and 8 graduate students), Univ. of West Georgia. Participated in research student mentoring programs including UWise, SRAP, and Louis Stokes Alliance for Minority Participation (LSAMP).
- 2006-2008 **Independent research mentor** (3 undergraduate students), NSF Research Experiences for Undergraduates (REU), Sevilleta Long Term Ecological Research Site (LTER). Mentored undergraduate students in ecological research projects focused on kangaroo rats.
- 2006-2008 **Summer research mentor** (> 15 undergraduate students), Sevilleta LTER Summer Internship Program. Supervised undergraduate interns participating in research on kangaroo rats.
- 2008 **Science instructor** (> 20 students), Univ. of New Mexico GK-12 Sevilleta Science Camp. Provided middle school students with experiences with desert wildlife and research techniques.

2001-2006 **Research supervisor** (5 undergraduate students), Univ. of Arizona and Univ. of New Mexico. Supervised undergraduate students assisting in wildlife research.

Graduate Theses:

- Andrew Pitt (M.S. student): Impacts of prescribed fire on bats and insects. Bat biologist for the Biodiversity Research Institute.
- Jessica Anderson (M.S. student): Microbiota of tricolored bats. Ecologist for Eastern Research Group Consulting.
- Kassandra Arts (M.S. student): Eastern spotted skunk movement and activity patterns. Works for National Park Service.
- Michelle Baldwin (M.S. student): Fire effects on snag abundance. Ecologist for VHB.
- Kaitlyn Rountree (M.S. student): Foraging and roost habitat of endangered bats. Bat biologist for Western EcoSystems Technology.
- William Cornelison (M.S. student): Space use of eastern spotted skunks. Ecologist for Georgia Department of Transportation
- Tyler Sprayberry (M.S.): Denning ecology of eastern spotted skunks. Ecologist for Georgia Department of Transportation
- JT Pynne (M.S.): Occupancy estimation of southeastern fox squirrels. Received Ph.D. from Univ. of Georgia. Private lands biologist for Georgia Wildlife Federation.

Graduate Committees:

- Joshua Hubbell (M.S., major advisor H. Banford)
- Antasia Parks (nonthesis M.S.)
- Devan Rediger (nonthesis M.S.)
- Toby Saunders (M.S., major advisor D. Morgan)
- Justin Smith (nonthesis M.S.)
- Brian Stogner (M.S., major advisor J. Hendricks)

Undergraduate Researchers:

- Melchisedec Adobah (supported by UWG LSAMP award)
- Dino Alabre (supported by UWG LSAMP award)
- Hannah Alexander (supported by USFS grant)
- Zachary Bell (supported by UWG SRAP award)
- Isik Benson (supported by UWG SRAP award)
- Grace Camp (supported by UWG SRAP award)
- Katherine Chambers (supported by UWG SRAP award)
- William Cornelison (supported by UWG UWide research grant)
- Blue Dalton (supported by UWG SRAP award)
- Caitlin Forkin (supported by UWG SRAP award)
- Theresa Fuller (supported by UWG LSAMP award)
- Timothy Garrabrant (received UWG student travel award)
- Janet Gembe Garcia (supported by USFS & SRAP grants)
- Jordan Gibson
- Joseph Hancock (received research credits)
- Amalia Hernandez (supported by UWG SRAP & LSAMP award)
- Joseph Kim (supported by USFS grant)
- Anthony King (supported by UWG LSAMP award)

Austin Kirkland (supported by UWG SRAP award)
Mattea Lewis (supported by USFS grant)
Montana Lewis (supported by SEEP grant)
Shelby Lewis (supported by UWide research grant)
Matthew Rouse (supported by UWide research grant)
Megan Smith (supported by UWide Mini-grant)
Tyler Sprayberry (supported by UWG internal development & UWide research grants)
Kaley Vorreiter (received UWG student travel award)
Joanne Wasdin (supported by SRAP grant & LSAMP)
Thalia Young (supported by SEEP & SRAP grants)

Undergraduate Mentorship:

Zach Bell, Honors thesis
Grace Camp, Honors thesis
Sasha Catalan, Interdisciplinary program
Kesiena Tuoyo, Honors thesis
Thalia Young, Honors thesis

PROFESSIONAL SERVICE

Societies & Working Groups

2023-present Past President, Georgia Chapter of The Wildlife Society
2023-present Advisory Board Member, Eastern Spotted Skunk Cooperative Study Group
2020-2023 President, Georgia Chapter of The Wildlife Society
2018-2022 Chair, Eastern Spotted Skunk Cooperative Study Group (**Recipient of 2022 Group Achievement Award from The Wildlife Society**)
2018-2020 President-elect, Georgia Chapter of The Wildlife Society
2019-2020 Organizer, Annual workshop of the Eastern Spotted Skunk Cooperative Study Group
2019 Meeting host, Georgia Chapter of The Wildlife Society Annual Meeting, Carrollton
2015-2018 Secretary, Georgia Chapter of The Wildlife Society
2014-2018 Member, ASM Honoraria Committee
2017 Meeting host, Georgia Bat Working Group Annual Meeting, Carrollton
2014-2016 Student presentation evaluator, Georgia Wildlife Society Meeting
2013-2014 Student presentation evaluator, American Society of Mammalogists Meeting
2012 Participant, Georgia universities teaching non-major biology working group
2012 Program chair, Symposium on Network Science in Biological, Social, and Geographic Systems, Univ. of Wyoming
2012 Evolution session organizer, Research Symposium honoring James Brown and Astrid Kodric-Brown retirements. Univ. of New Mexico
2011 Student presentation evaluator, American Society of Mammalogists Meeting
2009 Poster presentation judge, Annual Research Day, Univ. of New Mexico
2008-2011 Committee member, ASM Education and Graduate Student Committee
2007 Local committee member, American Society of Mammalogists Annual Meeting

Reviewing & Editing

2013-present Member, Board of Editors, *Southeastern Naturalist*
 2005-present Manuscript reviewer for *African Zoology*, *Animal Behaviour*, *Annales Zoologici Fennici*, *Behavioral Ecology*, *Bulletin of the Southern California Academy of Sciences*, *Canadian Field-Naturalist*, *Canadian Journal of Zoology*, *Current Zoology*, *Ecological Indicators*, *Ecology*, *Ecology Letters*, *Ecoscience*, *Ethology*, *Forest Ecology and Management*, *Journal of Mammalogy*, *Journal of Wildlife Management*, *Journal of Zoology*, *Mammalian Biology*, *Mammal Study*, *Natural Sciences Education*, *Northeastern Naturalist*, *Southwestern Naturalist*, *Western North American Naturalist*, *Wildlife Monographs*, and *Wildlife Society Bulletin*
 2023 Book proposal reviewer, Univ. of Georgia Press
 2020-2021 Special Issue Editor, Ecology and Conservation of the Eastern Spotted Skunk, *Southeastern Naturalist* 20(Special Issue 11)
 2020 Ad-hoc reviewer, NSF Directorate of Engineering
 2019 External tenure reviewer, Missouri State Univ.
 2013, 2019 Ad hoc proposal reviewer, National Science Foundation IOS
 2018 Peer reviewer, Yellowstone Scientific Research Permit, National Park Service.
 2014 Proposal reviewer, Species Research Funding, State of Texas
 2012 Proposal reviewer, Animal Behavior Society Student Research Grants
 2008 Grant proposal reviewer, UNM Student Research Allocation Committee
 2006, 2008 Grant proposal reviewer, UNM Biology Graduate Student Association

Technical & Educational Outreach

2024 Member, Alabama State Wildlife Action Plan Mammal Taxa Team
 2023 Member, Georgia State Wildlife Action Plan Mammal Technical Team
 2023 Moderator, Georgia High School Regional Science Bowl
 2023-2024 Moderator, Georgia Middle School Regional Science Bowl
 2023 Contributing expert on skunks, *NatGeo Kids Magazine*
 2019, 2023 Pollinator workshop presenter, Carrollton Junior High School Science Club
 2022 Outreach consultant for Weaver Cave, Georgia-Alabama Land Trust
 2021-2022 Member, Plains Spotted Skunk Species Status Assessment Expert Team, USFWS
 2015-2019 Team leader, Alabama Bat Working Group Bat Blitz
 2017 Biological review group member, Biological Status Review for Sherman's Fox Squirrel, Florida Fish & Wildlife Conservation Commission
 2016 Participant, Southeastern Bat Blitz at Talladega National Forest
 2016 Guest expert, LEGO Robotics Club, Carrollton Middle School
 2015 Peer reviewer, Biological Status Review for Eastern Chipmunk, Florida Fish & Wildlife Conservation Commission
 2010 Technical advisor, Wildlife corridor design project, Arizona Game and Fish Dept.
 2008 Technical advisor on Abert's squirrels, *Audubon Magazine*
 2007 Science fair judge, Laguna Middle School, NM

Institutional Service

2023-present Graduate Program Coordinator, UWG M.S. Biology Program
 2022-present Co-director, UWG Wildlife Ecology Certificate Program (25 students)
 2021-present Advisor, UWG Wildlife Club student organization (~40 students)
 2021-present Member, UWG Bachelor of Interdisciplinary Studies in Natural Resources

Management Advisory Committee
 2018-present Member, UWG Student Research Assistant Program Committee
 2013-present Member, UWG Institutional Animal Care and Use Committee
 2022-present Member, UWG Biology Personnel Committee
 2021-present UWG Biology Scholarship Committee
 2023 Organizing Committee, GA-AL Louis Stokes Alliance for Minority Participation
 Annual Research Symposium
 2022 Interviewer, UWG Presidential Scholarship Committee
 2019-2021 Co-manager, UWG Apiary
 2020-2021 Member, UWG CACSI Secondary Education Committee
 2021 Co-developed successful proposal for UWG Bachelor of Interdisciplinary Studies
 in Natural Resources Management
 2021 Chair, UWG Biology Lab Coordinator Search Committee
 2020 Member, UWG Biology Tenure & Promotion Committee
 2019 Bees & pollinator presentation, Carrollton Junior High School Science Club
 2016-2019 Member & chair, UWG Biology Dept. Graduate Curriculum Committee
 2016-2018 Member, UWG Sustainability Council
 2015-2018 Member & chair, UWG Biology Dept. Seminar Committee
 2015-2017 Classroom liaison, UWG Biology Building Remodeling Committee
 2017 Chair, Scholarship Committee, UWG Biology Dept.
 2016 Member, UWG Center for Teaching and Learning Advisory Board
 2016 Above & Beyond Award, UWG Risk Management/Environmental Health
 2014 Reviewer, UWG Regents Teaching Excellence Award
 2014 Member, UWG Biology Dept. Search Committee
 2013-2015 Member, UWG Admissions Appeals Committee
 2013-2015 Member & chair, UWG Biology Dept. Finance Committee

CERTIFICATIONS

Certified Wildlife Biologist, The Wildlife Society
 USFWS Endangered & Threatened Species Permit: *Myotis grisescens*, *M. sodalis*, & *M. septentrionalis* (2020-2025, AL, GA, & SC)
 Certified Prescribed Fire Crew Member (2016-2018): completed U.S. Federal Government IS-100, IS-700, S-110, S-130, S-190, and L-180 training courses; participated in over 50 controlled burns with USFS, The Nature Conservancy, and private landowners

MEMBERSHIPS IN PROFESSIONAL SOCIETIES

Alabama Bat Working Group
 American Society of Mammalogists (Life member)
 Georgia Bat Working Group
 Southeastern Bat Diversity Network
 The Wildlife Society (National, Southeastern Section, Alabama, and Georgia Chapters)

WORKSHOPS ATTENDED

2018 Bats in Bridges Workshop. Georgia Department of Natural Resources.
 2015 Prescribed Burn Certification Class. Georgia Forestry Commission. White Plains,

- GA.
- 2014 NIMBioS Investigative Workshop: The dynamics of small non-human social networks, Knoxville, TN
- 2012 NSF FIRST IV Postdoctoral Workshop in Undergraduate Teaching, Colorado Mountain Research Station
- 2011 NSF FIRST IV Postdoctoral Workshop in Undergraduate Teaching, Colorado Mountain Research Station
- 2010 Social Network Dynamics, University of Kansas Summer Institute in Statistics

INVITED SEMINARS

- 2022, 2023 Weaver Cave ecology tour, Georgia-Alabama Land Trust Open Cave Day.
- 2019 Bats of the southeast. Friends of McIntosh Reserve, Carrollton.
- 2019 Burning the woods to benefit wildlife. UWG Wolf Science Cafe Series.
- 2019 Setting the woods on fire: response of mammal communities to forest restoration in the southern Appalachians. Ecology, Evolution, Behavior, & Organismal Seminar Series, Kennesaw State Univ.
- 2018 Bat box demonstration workshop (with J. Killmeier). Univ. of West Georgia.
- 2017 Bats of Alabama (with W. Stone). Turkey Creek Nature Preserve, Alabama.
- 2017 Mammal communities and prescribed fire in the southern Appalachians. UWG Biology Seminar Series.
- 2016 Talladega nights: Bats of the Shoal Creek Ranger District. Alabama Bat Festival
- 2015 Teaching methods for collaborative learning (with J. Genz). UWG Center for Teaching and Learning Workshop.
- 2014 Ecology and behavior of dancing birds and rodent engineers. Ecology, Evolution, Behavior, & Organismal Seminar Series, Kennesaw State Univ.
- 2013 Teaching more by lecturing less: Implementing active-learning techniques in large, lecture courses. Dean's Teaching and Learning Seminar, Univ. of West Georgia.
- 2012 Burrow remodeling and juvenile dispersal in the banner-tailed kangaroo rat. Lampton Lecture, Biology Dept., Univ. of West Georgia.
- 2012 A tale of two tails: ecosystem engineering by kangaroo rats and cooperation among dancing birds. Biology Dept., Univ. of West Georgia.
- 2011 The unique ecology and behavior of kangaroo rats. Laramie Audubon Society.
- 2011 The conservation of a sky island endemic, the Mt. Graham red squirrel. University of Wyoming Student Chapter of The Wildlife Society.
- 2011 Merging teaching and research in ecology. Biology Dept. Angelo State Univ.
- 2010 Dispersal, facilitation, and burrow architecture in banner-tailed kangaroo rats. Zoology and Physiology Dept., Univ. of Wyoming.
- 2008 The banner-tailed kangaroo rat: ecosystem engineer of desert grasslands. Sevilleta Long Term Ecological Research (LTER) Field Station, New Mexico.
- 2007 The banner-tailed kangaroo rat: ecosystem engineer of desert grasslands. Sevilleta LTER Field Station, New Mexico.
- 2004 Selection of drey sites by Abert's squirrels: the role of structure versus tree species. Division of Biology, Kansas State Univ.

PRESENTATIONS AT PROFESSIONAL MEETINGS (* DENOTES STUDENT COLLABORATORS)

- 2023 **Edelman, A.J.**, A. Pitt*, J. Stober, and J. Johnson. Pyrodiversity Promotes Biodiversity: Response of Bat and Insect Communities to Prescribed Fire Regimes. Georgia Bat Working Group Annual Meeting. Winder, GA.
- 2023 Larkin, K., L. Henderson, T.C. McElroy, J. Upton, M. Ferrarri, S.C. Loeb, **A.J. Edelman**, and C.T. Cornelison. Population genetic structure of tricolored bats (*P. subflavus*) in the coastal plains of the southeastern U.S. Georgia Bat Working Group Annual Meeting. Winder, GA.
- 2023 Stober, J., **A.J. Edelman**, J. Johnson, K. Torrey*, M. Baldwin*, and A. Pitt*. Prescribed fire regimes effects on snags, bats, and insects. Alabama Bat Working Group Annual Meeting. Clanton, AL.
- 2023 Larkin, K., L. Henderson, T.C. McElroy, J. Upton, M. Ferrarri, S.C. Loeb, **A.J. Edelman**, and C.T. Cornelison. Population genetic structure of tricolored bats (*P. subflavus*) in the coastal plains of the southeastern U.S. (Poster). Association of Southeastern Biologists, Winston-Salem, North Carolina.
- 2023 Larkin, K., L. Henderson, T.C. McElroy, J. Upton, M. Ferrarri, S.C. Loeb, **A.J. Edelman**, and C.T. Cornelison. Population genetic structure of tricolored bats (*P. subflavus*) in the coastal plains of the southeastern U.S. (Poster). Southeastern Bat Diversity Network Annual Meeting, Jonesboro, Arkansas.
- 2023 Pitt, A.* , J. Johnson, J. Stober, and **A.J. Edelman**. Bat foraging activity in response to shifts in prescribed fire on insect abundance in the southern Appalachians (Poster). Northeast Bat Working Group Meeting, Burlington, Vermont.
- 2022 McElroy, T.C., C.T. Cornelison, S. Loeb, and **A.J. Edelman**. Population genetic structure of tricolored bats in the coastal plains of the southeastern U.S. Georgia Bat Working Group Annual Meeting, Athens.
- 2022 Pitt, A.* , J.J. Johnson, J.M. Stober, and **A.J. Edelman**. Bat foraging activity in response to shifts in prescribed fire on insect abundance in the southern Appalachians (Poster). Georgia Bat Working Group Annual Meeting, Athens.
- 2022 Upton, J.R.* , Ferrari, M.N.* , E. Ferrall, J. Anderson*, T.C. McElroy, S. Loeb, **A.J. Edelman**, K.T. Gabriel, and C.T. Cornelison. Investigating winter activity of *Perimyotis subflavus* in subterranean and transportation-based hibernacula as it relates to susceptibility to white-nose syndrome (Poster). Georgia Bat Working Group Annual Meeting, Athens.
- 2022 Anderson, J.* , M.N. Ferrari*, J.R. Upton*, E. Ferrall, K.T. Gabriel, S. Loeb, T.C. McElroy, and **A.J. Edelman**, Winter growth patterns of *Pseudogymnoascus destructans*, the causative agent of white-nose syndrome, in the southeastern U.S. (Poster). North American Symposium on Bat Research, Austin, Texas.
- 2022 Ferrari, M.N.* , J.R. Upton*, E. Ferrall, J. Anderson*, T.C. McElroy, S. Loeb, **A.J. Edelman**, K.T. Gabriel, and C.T. Cornelison. Investigating winter activity of *Perimyotis subflavus* in subterranean and anthropogenic surface-based hibernacula as it relates to susceptibility to white-nose syndrome (Poster). White-nose Syndrome Annual Meeting.
- 2022 Anderson, J.R.* , C.T. Cornelison, S.C. Loeb, T.C. McElroy, and **A.J. Edelman**. Evaluating the influence of gating on internal microclimates for cave management

- (Poster). 27th Annual Meeting of the Southeastern Bat Diversity Network & 32th Annual Colloquium on the Conservation of Mammals in the Southeastern U.S., Virtual meeting.
- 2022 Pitt, A.* , J.J. Johnson, J. Stober, and **A.J. Edelman**. Bat foraging activity in response to shifts in prescribed fire on insect abundance in the southern Appalachians (Poster). 27th Annual Meeting of the Southeastern Bat Diversity Network & 32th Annual Colloquium on the Conservation of Mammals in the Southeastern U.S., Virtual meeting.
- 2022 Pitt, A.* , J. Stober, and **A.J. Edelman**. The effect of prescribed fire on insect abundance in the southern Appalachians (**Best Graduate Student Poster Award**). Georgia Wildlife Society Annual Meeting, Covington.
- 2022 Anderson, J.R.* , C.T. Cornelison, S.C. Loeb, T.C. McElroy, and **A.J. Edelman**. Effects of gate installation on cave internal microclimate (Poster). Georgia Wildlife Society Annual Meeting, Covington.
- 2020 **Edelman, A.J.** , K.J. Arts, and N. Sharp. 2020. Environmentally driven activity and movement patterns of eastern spotted skunks based on accelerometer-informed GPS telemetry. 25th Annual Meeting of the Southeastern Bat Diversity Network & 30th Annual Colloquium on the Conservation of Mammals in the Southeastern U.S. Athens, Georgia.
- 2020 Gembe Garcia, J.* , J. Stober, and **A.J. Edelman**. 2020. Impacts of prescribed fire frequency on insect diversity in montane longleaf pine (Poster). 25th Annual Meeting of the Southeastern Bat Diversity Network & 30th Annual Colloquium on the Conservation of Mammals in the Southeastern U.S., Athens, Georgia.
- 2019 **Edelman, A.J.**, M. Baldwin*, J. Johnson, J. Stober, and K. Torrey*. Bats and Prescribed Fire in Talladega National Forest, Georgia Bat Working Group Meeting, Kennesaw.
- 2019 Wasdin, J.R.* , T.I. Young*, W.C. Cornelison*, and N. Sharp, and **A.J. Edelman**. Family feud: temporal partitioning between two mammalian predators (**Best Undergraduate Student Poster**). Georgia Wildlife Society Annual Meeting, Carrollton.
- 2019 Wasdin, J.R.* , T. Hawig, and **A.J. Edelman**. Into the wild: field practices in ecology for the science classroom (Poster). Georgia Wildlife Society Annual Meeting, Carrollton.
- 2019 Gembe Garcia, J.* , J. Stober, and **A.J. Edelman**. Impacts of prescribed fire frequency on insect diversity in montane longleaf pine (Poster). Georgia Wildlife Society Annual Meeting, Carrollton.
- 2019 Arts, K.* , A.J. Edelman, and N. Sharp. Influence of abiotic factors on activity patterns of eastern spotted skunks (*Spilogale putorius*). Georgia Wildlife Society Annual Meeting, Carrollton.
- 2019 Wasdin, J.R.* , T.I. Young*, W.C. Cornelison*, and N. Sharp, and **A.J. Edelman**. Family feud: temporal partitioning between two mammalian predators (Poster). UWG Scholar's Day, Carrollton.
- 2019 Wasdin, J.R.* , T.I. Young*, W.C. Cornelison*, and N. Sharp, and **A.J. Edelman**. Family feud: temporal partitioning between two mammalian predators (**2nd Place Undergraduate Student Poster**). Georgia-Alabama Louis Stokes Alliance for Minority Participation. Atlanta.

- 2019 Baldwin, M.*, and **A.J. Edelman**. Effects of prescribed fire on the quality of snag habitat in the southern Appalachians (**Best graduate student poster award**). 24nd Annual Meeting of the Southeastern Bat Diversity Network & 29th Annual Colloquium on the Conservation of Mammals in the Southeastern U.S. Jacksonville, Florida.
- 2019 Torrey, K. *, **A.J. Edelman**, J. Johnson, and J. Stober. Interactions between imperiled bat species and a fire maintained ecosystem in the southern Appalachian Mountains (Poster). 24nd Annual Meeting of the Southeastern Bat Diversity Network & 29th Annual Colloquium on the Conservation of Mammals in the Southeastern U.S. Jacksonville, Florida.
- 2019 Wasdin, J.R. *, T.I. Young*, W.C. Cornelison*, and N. Sharp, and **A.J. Edelman**. Family feud: temporal partitioning between two mammalian predators (Poster). 24nd Annual Meeting of the Southeastern Bat Diversity Network & 29th Annual Colloquium on the Conservation of Mammals in the Southeastern U.S. Jacksonville, Florida.
- 2019 Pynne, J.T. *, and **A.J. Edelman**. Southeastern fox squirrel (*Sciurus niger*) occupancy patterns in fragmented montane longleaf pine forests in Alabama (Poster). 24nd Annual Meeting of the Southeastern Bat Diversity Network & 29th Annual Colloquium on the Conservation of Mammals in the Southeastern U.S. Jacksonville, Florida.
- 2018 **Edelman, A.J.**, and N. Sharp. Distribution and habitat use of the eastern spotted skunk in Alabama (Invited talk). Eastern Spotted Skunk Symposium, The Wildlife Society Annual Conference, Cleveland, Ohio.
- 2018 Arts, K. *, **A.J. Edelman**, and N. Sharp. Getting skunked in Conecuh National Forest (**Best graduate student poster award**). Georgia Wildlife Society Annual Meeting, Tifton.
- 2018 Baldwin, M. *, and **A.J. Edelman**. Prescribed fire effects on snags in the southern Appalachian Mountains (Poster). Georgia Wildlife Society Annual Meeting, Tifton.
- 2018 Wasdin, J.R. *, T.I. Young*, and **A.J. Edelman**. Night and day: temporal partitioning among three mammalian carnivores (Poster). Georgia Wildlife Society Annual Meeting, Tifton.
- 2018 **Edelman, A.J.**, W.C. Cornelison* and N. Sharp. Using citizen scientists and camera traps to survey for eastern spotted skunks in Alabama (Invited talk). Alabama Department of Conservation and Natural Resources, Wildlife Section Annual Meeting, Auburn.
- 2018 Wasdin, J.R. *, T.I. Young*, and **A.J. Edelman**. Strike a pose: using camera traps to understand coexistence among terrestrial mammals (Poster). UWG Scholar's Day, Carrollton.
- 2018 Baldwin, M. *, and **A.J. Edelman**. Prescribed fire effects on snags in the southern Appalachian Mountains (Poster). North American Joint Bat Working Group Meeting, Roanoke, Virginia.
- 2018 Lewis, M. *, K. Torrey*, **A.J. Edelman**, J. Stober, and J. Johnson. Basal hollow maternity roosts of southeastern myotis in Alabama. (Poster). North American Joint Bat Working Group Meeting, Roanoke, Virginia.

- 2018 Torrey, K.*, **A.J. Edelman**, J. Johnson, and J. Stober. Interactions between imperiled bat species and a fire dependent ecosystem in the southern Appalachians (Poster). North American Joint Bat Working Group Meeting, Roanoke, Virginia.
- 2018 **Edelman, A.J.**, W.C. Cornelison*, and N. Sharp. Using citizen scientists and camera traps to survey for eastern spotted skunks in Alabama. North American Joint Bat Working Group Meeting, Roanoke, Virginia.
- 2017 Lewis, M.*, K. Rountree-Torrey*, **A.J. Edelman**, J. Stober, and J. Johnson. Basal hollow maternity roosts of southeastern myotis in Alabama. (Poster). Georgia Bat Working Group Meeting, Carrollton, Georgia.
- 2017 Rountree-Torrey, K.*, **A.J. Edelman**, J. Johnson, and J. Stober. Interactions between imperiled bat species and a fire dependent ecosystem in the southern Appalachians. Alabama Bat Working Group Meeting, Pelham, Alabama.
- 2017 Lewis, M.*, K. Rountree-Torrey*, **A.J. Edelman**, J. Stober, and J. Johnson. Basal hollow maternity roosts of southeastern myotis in Alabama. (Poster). North American Symposium on Bat Research, Knoxville, Tennessee.
- 2017 Rountree-Torrey, K.*, **A.J. Edelman**, J. Johnson, and J. Stober. Interactions between imperiled bat species and a fire dependent ecosystem in the southern Appalachians. North American Symposium on Bat Research, Knoxville, Tennessee.
- 2017 Benson, I. W.*, and **A.J. Edelman**. Activity patterns of eastern spotted Skunks in Alabama (Poster). Georgia Wildlife Society Annual Meeting, Covington.
- 2017 Cornelison, W.C.* and **A.J. Edelman**. Eastern spotted skunk habitat selection at multiple spatial scales in the southern Appalachian Mountains. Georgia Wildlife Society Annual Meeting, Covington.
- 2017 Lewis, M.*, K. Rountree-Torrey*, **A.J. Edelman**, J. Stober, and J. Johnson. 2017. Basal hollow maternity roosts of southeastern myotis in Alabama. (**Best Undergraduate Poster Award**). Georgia Wildlife Society Annual Meeting, Covington.
- 2017 Torrey, K.*, **A.J. Edelman**, J. Johnson, and J. Stober. Interactions between imperiled bat species and a fire dependent ecosystem in the southern Appalachians. Georgia Wildlife Society Annual Meeting, Covington.
- 2017 Lewis, M.*, K. Rountree*, **A.J. Edelman**, J. Stober, and J. Johnson. 2016. Extra limit maternity colony of southeastern myotis in northeastern Alabama (Poster). UWG Scholars' Day, Carrollton, Georgia.
- 2017 Benson, I.*, W.C. Cornelison*, and **A.J. Edelman**. Activity patterns of eastern spotted skunk in Alabama (Poster). UWG Scholars' Day, Carrollton, Georgia.
- 2017 Adobah, M.*, D. Alabre*, **A.J. Edelman**, W. Cornelison*, and I. Benson*. Home range size of *Spilogale putorius* in the TNF, Alabama. UWG Scholars' Day, Carrollton, Georgia.
- 2017 Adobah, M.*, D. Alabre*, **A.J. Edelman**, W. Cornelison*, and I. Benson*. Home range size of *Spilogale putorius* in the TNF, Alabama. LSAMP Scholars Symposium. Morehouse College, Atlanta, Georgia.
- 2017 Cornelison, W.C.* and **A.J. Edelman**. Landscape-level habitat selection of eastern spotted skunks in Alabama (Poster). 22nd Annual Meeting of the

- 2017 Southeastern Bat Diversity Network & 27th Annual Colloquium on the Conservation of Mammals in the Southeastern U.S. Asheville, North Carolina. **Edelman, A.** and T.R. Sprayberry*. Den-site selection of eastern spotted skunks in the southern Appalachians. 22nd Annual Meeting of the Southeastern Bat Diversity Network & 27th Annual Colloquium on the Conservation of Mammals in the Southeastern U.S. Asheville, North Carolina.
- 2017 Lewis, M.*, K. Rountree-Torrey*, A.J. Edelman, J. Stober, and J. Johnson. 2017. Extra limit maternity colony of southeastern myotis in northeastern Alabama (Poster). 22nd Annual Meeting of the Southeastern Bat Diversity Network & 27th Annual Colloquium on the Conservation of Mammals in the Southeastern U.S. Asheville, North Carolina.
- 2017 Rountree-Torrey, K. *, **A.J Edelman**, J. Johnson, and J. Stober. Influence of prescribed fire on endangered bats in the southern Appalachians. 22nd Annual Meeting of the Southeastern Bat Diversity Network & 27th Annual Colloquium on the Conservation of Mammals in the Southeastern U.S. Asheville, North Carolina.
- 2017 Benson, I. *, W.C. Cornelison*, and **A.J. Edelman**. Activity patterns of eastern spotted skunk in Alabama (Poster). 22nd Annual Meeting of the Southeastern Bat Diversity Network & 27th Annual Colloquium on the Conservation of Mammals in the Southeastern U.S. Asheville, North Carolina.
- 2016 **Edelman, A.**, Rountree, K. *, J. Stober, and J. Johnson. Habitat use of endangered bats in a fire-maintained mosaic landscape. Georgia Bat Working Group Meeting, Athens.
- 2016 Lewis, M. *, K. Rountree*, **A. Edelman**, J. Stober, and J. Johnson. Extra limit maternity colony of southeastern myotis in northeastern Alabama (Poster). Georgia Bat Working Group Meeting, Athens.
- 2016 Rountree, K. *, **A. Edelman**, J. Stober, and J. Johnson. Influence of prescribed fire on endangered bats in the southern Appalachians. Alabama Bat Working Group Meeting, Birmingham.
- 2016 Rountree, K. *, **A. Edelman**, J. Stober, and J. Johnson. Influence of prescribed fire on endangered bats in the southern Appalachians. Tennessee Bat Working Group Meeting, Montgomery Bell State Park.
- 2016 Lewis, M. *, K. Rountree*, **A. Edelman**, J. Stober, and J. Johnson. Extra limit maternity colony of southeastern myotis in northeastern Alabama (Poster). Tennessee Bat Working Group Meeting, Montgomery Bell State Park.
- 2016 Lewis, M. *, K. Rountree*, **A.J. Edelman**, J. Stober, and J. Johnson. 2016. Extra limit maternity colony of southeastern myotis in northeastern Alabama (Poster and Talk). Georgia Undergraduate Research Conference, Milledgeville, Georgia.
- 2016 **Edelman, A.**, Rountree, K. *, J. Johnson, and J. Stober. Influence of prescribed fire on endangered bats in the southern Appalachians (Poster). North American Symposium on Bat Research, San Antonio, Texas.
- 2016 **Edelman, A.** and T.R. Sprayberry. Den-site selection of eastern spotted skunks in the southern Appalachians. Georgia Wildlife Society Annual Meeting, Tifton.
- 2016 Rountree, K. *, **A. Edelman**, J. Johnson, and J. Stober. Influence of prescribed fire on northern myotis and Indiana myotis in the southern Appalachians (**Best Graduate Poster Award**). Georgia Wildlife Society Annual Meeting, Tifton.

- 2016 Lewis, M.*, K. Rountree*, **A. Edelman**, J. Stober, and J. Johnson. Extra limit maternity colony of southeastern myotis in northeastern Alabama (**Best Undergraduate Poster Award**). Georgia Wildlife Society Annual Meeting, Tifton.
- 2016 Benson, I.*, W.C. Cornelison*, and **A.J. Edelman**. Activity patterns of eastern spotted skunk in Alabama (Poster). Georgia Wildlife Society Annual Meeting, Tifton.
- 2016 Cornelison, W.C.* and **A.J. Edelman**. Home range size of eastern spotted skunks in Alabama (Poster). Georgia Wildlife Society Annual Meeting, Tifton.
- 2016 Bell, Z.* **A.J. Edelman**, and W.C. Cornelison*. Mesocarnivore occupancy in the Talladega National Forest (Poster). Alabama Chapter Wildlife Society Meeting, Solon Dixon Center.
- 2016 Cornelison, W.C.* and **A.J. Edelman**. Home range size of *Spilogale putorius* in Talladega National Forest, Alabama (Poster). Alabama Chapter Wildlife Society Meeting, Solon Dixon Center.
- 2016 Bell, Z.* **A.J. Edelman**, and W.C. Cornelison*. Mesocarnivore occupancy in the Talladega National Forest (Poster). Undergraduate Research Night, University of West Georgia.
- 2016 Melchisedec, A.*, A. King*, W.C. Cornelison*, and **A.J. Edelman**. Home range size of *Spilogale putorius* in Talladega National Forest, Alabama (Poster). Undergraduate Research Night, University of West Georgia.
- 2016 Melchisedec, A.*, A. King*, W.C. Cornelison*, and **A.J. Edelman**. Home range size of *Spilogale putorius* in Talladega National Forest, Alabama (Poster). LSAMP Scholars Symposium. Clark Atlanta University, Atlanta, Georgia.
- 2016 Bell, Z.* **A.J. Edelman**, and W.C. Cornelison*. Mesocarnivore occupancy in the Talladega National Forest. Undergraduate Research Day Competition, University of West Georgia.
- 2016 **Edelman, A.J.**, J. Johnson, and J. Stober. Bat communities and prescribed fire in the southern Appalachians. 21st Annual Meeting of the Southeastern Bat Diversity Network and 26th Annual Colloquium on the Conservation of Mammals in the Southeastern U.S., Guntersville, Alabama.
- 2016 Sprayberry, T.*, and **A.J. Edelman**. Den use and activity patterns of eastern spotted skunks in the Talladega National Forest, Alabama. 21st Annual Meeting of the Southeastern Bat Diversity Network and 26th Annual Colloquium on the Conservation of Mammals in the Southeastern U.S., Guntersville, Alabama.
- 2016 Cornelison, W.*, **A.J. Edelman**, and T. Sprayberry*. Habitat selection, home range size, and survival of *Spilogale putorius* in Talladega National Forest, Alabama (Poster). 21st Annual Meeting of the Southeastern Bat Diversity Network and 26th Annual Colloquium on the Conservation of Mammals in the Southeastern U.S., Guntersville, Alabama.
- 2016 Bell, Z.* **A.J. Edelman**, and W.C. Cornelison*. Mesocarnivore occupancy in the Talladega National Forest (Poster). National Conference of Undergraduate Research, University of North Carolina-Asheville.
- 2015 **A.J. Edelman**, J. Johnson, and J. Stober (Invited presentation). Endangered bats and prescribed fire in the southern Appalachians, Georgia Bat Working Group Meeting, Athens.

- 2015 Cornelison, W.C.*, A. Kirkland*, **A.J. Edelman**, and T. Sprayberry*. Impacts of Prescribed Fire Management in Montane Longleaf Pine Forest on Mesocarnivore Occupancy (**First place poster award**). Georgia Wildlife Society Annual Meeting, Athens.
- 2015 Sprayberry, T.*, and **A.J. Edelman**. Den use and activity patterns of *Spilogale putorius* in the Talladega National Forest, Alabama (Poster). Georgia Wildlife Society Annual Meeting, Athens.
- 2015 Benson, I.* and **A.J. Edelman**. Impacts of prescribed fire on riparian small mammal diversity in montane longleaf (Poster). Georgia Wildlife Society Annual Meeting, Athens.
- 2015 Chambers, K.* and **A.J. Edelman**. Understanding the research bias within the publication record of Georgia's mammals (Poster). Georgia Wildlife Society Annual Meeting, Athens.
- 2015 Bell, Z.* and **A.J. Edelman**. Identifying *Myotis septentrionalis* roosts in Talladega National Forest (Poster). Georgia Wildlife Society Annual Meeting, Athens.
- 2015 Pynne, J.T.*, and **A.J. Edelman**. Influence of pine forest fragmentation on southeastern fox squirrel occupancy patterns. International Colloquium on Arboreal Squirrels, Helsinki, Finland.
- 2015 Pynne, J.T.*, and **A.J. Edelman**. Influence of pine forest fragmentation on southeastern fox squirrel occupancy patterns. American Society of Mammalogists Annual Meeting. Jacksonville, Florida
- 2015 Sprayberry, T.*, and **A.J. Edelman**. Den use and activity patterns of *Spilogale putorius* in the Talladega National Forest, Alabama (Poster). American Society of Mammalogists Annual Meeting. Jacksonville, Florida.
- 2015 Genz, J. and **A.J. Edelman**. Teaching methods for collaborative learning. UWG Innovations in Pedagogy Conference, Carrollton.
- 2015 Cornelison, W.C.*, A. Kirkland*, **A.J. Edelman**, T. Sprayberry*, and M. Rouse*. Impacts of prescribed fire on small mammal diversity in montane longleaf (**Second place poster award**). UWG Big Night.
- 2015 Kirkland, A.*, W.C. Cornelison*, **A.J. Edelman**, T. Sprayberry*, and M. Rouse*. Mesocarnivore activity patterns in Talladega National Forest (Poster). UWG Big Night.
- 2015 **Edelman, A.J.** Response of small mammals to fire-based restoration of montane longleaf pine. Alabama Wildlife Society Annual Meeting, Guntersville.
- 2015 J. Stober, J. Johnson, and **A.J. Edelman**. Bat communities and prescribed fire management in the Talladega National Forest (Poster). Alabama Wildlife Society Annual Meeting, Guntersville.
- 2015 Cornelison, W.C.*, A. Kirkland*, **A.J. Edelman**, T. Sprayberry*, and M. Rouse*. Impacts of prescribed fire on small mammal diversity in montane longleaf (Poster). Alabama Wildlife Society Annual Meeting, Guntersville.
- 2015 Kirkland, A.*, W.C. Cornelison*, **A.J. Edelman**, T. Sprayberry*, and M. Rouse*. Mesocarnivore activity patterns in Talladega National Forest (Poster). Alabama Wildlife Society Annual Meeting, Guntersville.
- 2015 Pynne, J.T.*, and **A.J. Edelman**. Influence of pine forest fragmentation on southeastern fox squirrel occupancy patterns (Poster). Alabama Wildlife Society Annual Meeting, Guntersville.

- 2015 Sprayberry, T.*, and **A.J. Edelman**. Den sites of eastern spotted skunks (Poster). Alabama Wildlife Society Annual Meeting, Guntersville.
- 2014 **A.J. Edelman**, J. Stober, and J. Johnson. Effects of prescribed fire on bat communities in the Talladega National Forest, Georgia Bat Working Group Meeting, Barnesville.
- 2014 **A.J. Edelman**, J. Stober, and J. Johnson. Effects of prescribed fire on bat communities in the Talladega National Forest, Alabama Bat Working Group Meeting, Tanner.
- 2014 Pynne, J.T.*, and **A.J. Edelman**. Influence of pine forest fragmentation on southeastern fox squirrel occupancy patterns. Georgia Wildlife Society Annual Meeting, Tifton.
- 2014 Cornelison, W.C.*, and **A.J. Edelman**. Impacts of prescribed fire on small mammal diversity in montane longleaf. Georgia Wildlife Society Annual Meeting, Tifton.
- 2014 Sprayberry, T.*, and **A.J. Edelman**. Influence of prescribed fire management on mesocarnivore occupancy in montane longleaf pine forests. Georgia Wildlife Society Annual Meeting, Tifton.
- 2014 **A.J. Edelman**. Response of small mammals to fire-based restoration of montane longleaf pine. American Society of Mammalogists Annual Meeting. Oklahoma City.
- 2014 Pynne, J.T.*, **A.J. Edelman**, and A. Hernandez. Influence of pine forest fragmentation on southeastern fox squirrel occupancy patterns. American Society of Mammalogists Annual Meeting. Oklahoma City.
- 2014 Sprayberry, T.*, and **A.J. Edelman**. Influence of prescribed fire management on mesocarnivore occupancy in montane longleaf pine forests. American Society of Mammalogists Annual Meeting. Oklahoma City.
- 2014 **Edelman, A.J.** Use of active-learning techniques to improve student outcomes in large-enrollment courses. UWG Innovations in Pedagogy Conference, Carrollton.
- 2014 Hernandez, A.*, **A.J. Edelman**, T. Sprayberry*, and J. Hubbell*. Fire-based restoration impacts on terrestrial vertebrates in mountain longleaf pine forests. LSAMP Scholars Symposium. Clark Atlanta University, Atlanta, Georgia.
- 2014 Hernandez, A.*, **A.J. Edelman**, T. Sprayberry*, and J. Hubbell* (**Third place poster award**). Fire-based restoration impacts on terrestrial vertebrates in mountain longleaf pine forests. University of West Georgia Big Night, Carrollton.
- 2014 Sprayberry, T.* and **A.J. Edelman**. Influence of prescribed fire management on mesocarnivore occupancy in montane longleaf pine forests. University of West Georgia Research Day, Carrollton.
- 2014 **Edelman, A.J.** and D.B. McDonald. Generating manakin social networks with exponential random graph models (**Invited Talk**). NIMBioS Investigative Workshop: The dynamics of small non-human social networks. Knoxville, Tennessee.
- 2014 **Edelman, A.J.**, K.C. Vorreiter*, and T.J. Garrabrant*. Muskrat predation of freshwater mussels in Shoal Creek, Alabama. Alabama Annual Mollusk & Crayfish Meeting. Cheaha State Park.

- 2013 Hubbell, J.*, Sprayberry, T.*, Hernandez, A.* and **A.J. Edelman**. Influence of mountain longleaf pine restoration on small mammal communities. Georgia Wildlife Society Annual Meeting. Athens.
- 2013 **Edelman, A.J.**, and M.N. Smith*. How much do we actually know about mammals of the southeastern U.S.? American Society of Mammalogists. Philadelphia.
- 2013 Hobson, E., N. Pinter-Wollman, J. Smith, **A.J. Edelman**, D. Shizuka, J. Waters, S. de Silva, S. Prager, T. Sasaki, G. Wittemyer, J. Fewell, and D. McDonald. The dynamics of animal social networks: analytical, conceptual, and theoretical advances (Poster). Animal Behavior Society, Boulder, Colorado.
- 2013 **Edelman, A.J.**, and M.N. Smith*. How much do we actually know about mammals of the southeastern U.S.? 23rd Colloquium on Conservation of Mammals in the Southeastern United States. Fall Creek Falls State Park, Tennessee.
- 2013 Vorreiter, K.C.*, T.J. Garrabrant*, and **A.J. Edelman**. Predation of native freshwater mussels by muskrats in Shoal Creek, Alabama (Poster). 23rd Colloquium on Conservation of Mammals in the Southeastern United States. Fall Creek Falls State Park, Tennessee.
- 2012 **Edelman, A.J.**, and D.B. McDonald. Complexity of manakin social networks emerges from cooperation with long-term partners and friends of a friend. Animal Behavior Society, Albuquerque, New Mexico.
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- 2011 **Edelman, A.J.**, and D.B. McDonald. Structure of cooperation networks in long-tailed manakins (Poster). Animal Behavior Society, Bloomington, Indiana.
- 2011 **Edelman, A.J.** Male-biased sex ratio in litters of banner-tailed kangaroo rats. American Society of Mammalogists, Portland, Oregon.
- 2010 **Edelman, A.J.** Sex-specific effects of size and condition on timing of natal dispersal in kangaroo rats. American Society of Mammalogists, Laramie, Wyoming.
- 2009 **Edelman, A.J.** Interspecific spatial patterns support indirect facilitation of harvester ants by kangaroo rats (Poster). LTER All Scientists Meeting, Estes Park, Colorado.
- 2009 **Edelman, A.J.** Do kangaroo rats indirectly facilitate harvester ants? Implications of inter-specific spacing patterns. Ecology Society of America Annual Meeting, Albuquerque, New Mexico
- 2009 **Edelman, A.J.** Benefits and timing of delayed dispersal in solitary kangaroo rats (**Shadle Fellowship, Plenary Session**). American Society of Mammalogists, Fairbanks, Alaska.

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- 2008 Johnson, S.*, and **A. J. Edelman.** Kangaroo rat (*Dipodomys spectabilis*): ecosystem engineers (Poster). Regional LTER Symposium, Albuquerque, New Mexico.
- 2008 **Edelman, A.J.** Do kangaroo rats indirectly facilitate harvester ants? Implications of inter-specific spacing patterns (Poster). 17th Annual Research Day. Biology Department, University of New Mexico.
- 2007 **Edelman, A.J.** Extended parental care by kangaroo rat mothers: Does delayed dispersal benefit offspring? (Poster). Joint Symposium on Long Term Ecological Research Programs in New Mexico, Las Cruces, New Mexico.
- 2007 Whiteman, S.B.*, and **A.J. Edelman.** Is anyone home? The effect of banner-tailed kangaroo rat (*Dipodomys spectabilis*) mound occupancy on reptile diversity (Poster). Joint Symposium on Long Term Ecological Research Programs in New Mexico, Las Cruces, New Mexico.
- 2007 Whiteman, S.B.*, and **A.J. Edelman.** Is anyone home? The effect of banner-tailed kangaroo rat (*Dipodomys spectabilis*) mound occupancy on reptile diversity (Poster). Ecological Society of America/Society for Ecological Restoration International Joint Meeting, San Jose, California.
- 2007 **Edelman, A.J.** Extended parental care by kangaroo rat mothers: Does delayed dispersal benefit offspring? (Poster). American Society of Mammalogists, Albuquerque, New Mexico.
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- 2007 Koprowski, J.L., **A.J. Edelman,** and M.J. Merrick. Space and habitat use of introduced Abert's squirrels and endemic Mt. Graham red squirrels. American Society of Mammalogists, Albuquerque, New Mexico.
- 2006 **Edelman, A.J.,** and J.L. Koprowski. Communal nesting in an asocial tree squirrel, *Sciurus aberti*: a test of the social thermoregulation hypothesis (**Best Graduate Oral Presentation Award**). 15th Annual Research Day. Biology Department, University of New Mexico.
- 2006 **Edelman, A.J.** Delayed dispersal in banner-tailed kangaroo rat juveniles (Poster). Sevilleta Long Term Ecological Research Project and Sevilleta National Wildlife Refuge Annual Research Symposium. San Acacia, New Mexico.
- 2006 **Edelman, A.J.,** J.L. Koprowski, and S.R. Bertelsen*. Comparison of nest-site characteristics between endangered Mt. Graham red squirrels and introduced

- Abert's squirrels. Arizona/New Mexico Chapters of The Wildlife Society, Flagstaff, Arizona.
- 2004 **Edelman, A.J.**, and J.L. Koprowski. Influence of sex on seasonal space use in Abert's squirrels. American Society of Mammalogists, Arcata, California.
- 2004 **Edelman, A.J.**, and J.L. Koprowski. Kleptoparasitic behavior and species richness at Mt. Graham red squirrel middens. Biodiversity and Management of the Madrean Archipelago II: Connecting Mountain Islands and Desert Seas, Tucson, Arizona.
- 2004 Koprowski, J.L., **A.J. Edelman**, B.S. Pasch, and D.C. Buecher A dearth of data on the mammals of the Madrean Archipelago: what we think we know and what we do. Biodiversity and Management of the Madrean Archipelago II: Connecting mountain islands and Desert Seas.
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- 2003 **Edelman, A.J.**, and J.L. Koprowski. Space use of sympatric endangered Mt. Graham red squirrels and introduced Abert's squirrels. 3rd International Tree Squirrel Colloquium, Northumberland, United Kingdom.
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- 2003 **Edelman, A.J.**, and J.L. Koprowski. Nesting ecology of an introduced population of Abert's squirrels in mixed conifer forests. Arizona/New Mexico Chapters of The Wildlife Society, Gallup, New Mexico.
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- 1999 **Edelman, A.J.** The effect of reversed sexual size dimorphism on agonistic encounters in the Townsend's chipmunk (*Tamias townsendii*). Oregon Academy of Science Convention, Salem, Oregon.