

ANDREW J. EDELMAN

Department of Biology
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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

Associate Professor, Department of Biology, University of West Georgia	2017-present
Assistant Professor, Department of Biology, University of West Georgia	2012-2017
NSF Postdoctoral Fellow in Bioinformatics, University of Wyoming	2010-2012
Mentor: David McDonald	
Graduate Teaching Assistant, University of New Mexico	2008-2010
NSF Graduate Fellow in K-12 Education, University of New Mexico	2006-2008
NSF Graduate Fellow in Biocomplexity, University of New Mexico	2005-2006
Graduate Teaching Assistant, University of New Mexico	2004-2005
Graduate Teaching Assistant, University of Arizona	2004
Graduate Research Assistant, Red Squirrel Monitoring Project, Univ. of Arizona	2001-2003

RESEARCH INTERESTS

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

FELLOWSHIPS AND AWARDS

2017	Promotion 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 Cornelison, W.C.*, and **A.J. Edelman**. LiDAR-based assessment of habitat selection by eastern spotted skunks in Alabama.

In review **Edelman, A.J.** Carnivora. In: Encyclopedia of Animal Cognition and Behavior. Springer Press.

In revision **Edelman, A.J.** *Sylvilagus obscurus* (Lagomorpha: Leporidae). Mammalian Species.

Accepted Benson, I.W.*, T.L. Sprayberry*, and W.C. Cornelison*, **A.J. Edelman**. Rest site activity patterns of eastern spotted skunks in Alabama. Southeastern Naturalist.

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 (\$566,055 TOTAL INCLUDING FELLOWSHIPS)

- 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, Fire Ecology, Evolution, Principles of Biology II (major course), and Fundamentals of Biology (nonmajor course); supervised 6 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** (23 undergraduate and 7 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:

- Kasey Arts (current M.S. student): Eastern spotted skunks in south Alabama
Keith Dreyer (current M.S. student): Forest management and bat communities
Michelle Baldwin (current M.S. student): Fire effects on snag abundance
Kaitlyn Rountree (M.S. student): Foraging and roost habitat of endangered bats
William Cornelison (M.S. student): Space use of eastern spotted skunks
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. Ph.D. student at Univ. of Georgia

Graduate Committees:

- Joshua Hubbell (M.S., major advisor H. Banford)
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)
Zachary Bell (supported by UWG SRAP award): M.S. student at Univ. of Wyoming
Isik Benson (supported by UWG SRAP award)
Katherine Chambers (supported by UWG SRAP award)
William Cornelison (supported by UWG UWISE research grant)
Theresa Fuller (supported by UWG LSAMP award)

Timothy Garrabrant (received UWG student travel award)
 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 UWise research grant)
 Matthew Rouse (supported by UWise research grant)
 Megan Smith (supported by UWise Mini-grant)
 Tyler Sprayberry (supported by UWG internal development & UWise research grants)
 Kaley Vorreiter (received UWG student travel award)
 Joanne Wasdin (supported by SRAP grant & LSAMP)
 Thalia Young (supported by SEEP & SRAP grants)

PROFESSIONAL SERVICE

2018-present President-elect, Georgia Chapter of The Wildlife Society
 2013-present Member, Board of Editors, *Southeastern Naturalist*
 2018-present Chair, Eastern Spotted Skunk Cooperative Study Group
 2005-present Manuscript reviewer for *Animal Behaviour*, *Annales Zoologici Fennici*,
Behavioral Ecology, *Bulletin of the Southern California Academy of Sciences*,
Canadian Journal of Zoology, *Current Zoology*, *Ecology*, *Ecology Letters*,
Ethology, *Forest Ecology and Management*, *Journal of Mammalogy*, *Journal of*
Wildlife Management, *Journal of Zoology*, *Mammalian Biology*, *Mammal Study*,
Natural Sciences Education, *Southwestern Naturalist*, *Western North American*
Naturalist, *Wildlife Monographs*, and *Wildlife Society Bulletin*
 2015-present Member, Eastern Spotted Skunk Cooperative Study Group
 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
 2016 Guest expert, LEGO Robotics Club, Carrollton Middle School
 2016 Participant, Southeastern Bat Blitz at Talladega National Forest
 2015 Peer reviewer, Biological Status Review for Eastern Chipmunk, Florida Fish &
 Wildlife Conservation Commission
 2015-2018 Team leader, Alabama Bat Working Group Bat Blitz
 2014 Proposal reviewer, Species Research Funding, State of Texas
 2013-2014 Student presentation evaluator, American Society of Mammalogists Meeting
 2013 Ad hoc proposal reviewer, National Science Foundation IOS
 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

- 2012 Proposal reviewer, Animal Behavior Society Student Research Grants
- 2011 Student presentation evaluator, American Society of Mammalogists Meeting
- 2010 Technical advisor, Wildlife corridor design project, Arizona Game and Fish Dept.
- 2009 Poster presentation judge, Annual Research Day, Univ. of New Mexico
- 2008-2011 Committee member, ASM Education and Graduate Student Committee
- 2008 Technical advisor on Abert's squirrels, *Audubon Magazine*
- 2008 Grant proposal reviewer, UNM Student Research Allocation Committee
- 2007 Local committee member, American Society of Mammalogists Annual Meeting
- 2007 Science fair judge, Laguna Middle School, NM
- 2006, 2008 Grant proposal reviewer, UNM Biology Graduate Student Association

Institutional service:

- 2018-present Member, UWG Student research assistant program committee
- 2016-present Graduate curriculum committee member & chair, UWG Biology Dept.
- 2013-present Founding member, UWG Institutional Animal Care and Use Committee 2014
- 2016-2018 Member, UWG Sustainability Council
- 2015-2018 Seminar committee member & chair, UWG Biology Dept.
- 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 Finance committee member & chair, UWG Biology Dept.

CERTIFICATIONS

Certified Wildlife Biologist, The Wildlife Society
 Certified Prescribed Fire Crew Member (2016-present): completed U.S. Federal Government IS-100, IS-700, S-110, S-130, S-190, and L-180 training courses; participated in 13 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

- 2018 Bat box demonstration workshop (with J. Killmeier). University 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 University.
- 2013 Teaching more by lecturing less: Implementing active-learning techniques in large, lecture courses. Dean's Teaching and Learning Seminar, University of West Georgia.
- 2012 Burrow remodeling and juvenile dispersal in the banner-tailed kangaroo rat. Lampton Lecture, Biology Dept., University of West Georgia.
- 2012 A tale of two tails: ecosystem engineering by kangaroo rats and cooperation among dancing birds. Biology Dept., University 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 University.
- 2010 Dispersal, facilitation, and burrow architecture in banner-tailed kangaroo rats. Zoology and Physiology Dept., University 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 University.

PRESENTATIONS AT PROFESSIONAL MEETINGS (* DENOTES STUDENT COLLABORATORS)

- 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.*, T. 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.*, T. 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 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 **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 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. 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 Southeastern Bat Diversity Network & 27th Annual Colloquium on the Conservation of Mammals in the Southeastern U.S. Asheville, North Carolina.
- 2017 **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. 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.
- 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. Brown²Fest: A scientific symposium honoring Drs. Brown and Kodric-Brown. Albuquerque, New Mexico

- 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. Symposium on Network Science in Biological, Social, and Geographic Systems, Laramie, Wyoming.
- 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.
- 2009 **Edelman, A.J.** Do kangaroo rats indirectly facilitate harvester ants? Implications of inter-specific spacing patterns (**Runner-up Best Graduate Oral Presentation**). 18th Annual Research Day. Biology Department, University of New Mexico.
- 2008 **Edelman, A.J.** Do kangaroo rats indirectly facilitate harvester ants? Implications of inter-specific spacing patterns. American Society of Mammalogists, Brookings, South Dakota.
- 2008 **Edelman, A.J.** Do kangaroo rats indirectly facilitate harvester ants? Implications of inter-specific spacing patterns (Poster). Regional LTER Symposium, Albuquerque, New Mexico.
- 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.
- 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. American Society of Mammalogists, Albuquerque, New Mexico.
- 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.
- 2003 **Edelman, A.J.**, and J.L. Koprowski. Does it matter where you sleep? A comparison of nest-site characteristics between introduced Abert's squirrels and endangered red squirrels. The Wildlife Society, Burlington, Vermont.
- 2003 **Edelman, A.J.**, and J.L. Koprowski. Space use of sympatric endangered Mt. Graham red squirrels and introduced Abert's squirrels. American Society of Mammalogists, Lubbock, Texas.
- 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.
- 2003 **Edelman, A.J.**, and J.L. Koprowski. Introduced Abert's squirrels on Mt. Graham: Are they contributing to the decline of the red squirrel? Endangered Mount Graham Red Squirrel Symposium, Safford, Arizona.

- 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.
- 2002 **Edelman, A.J.**, and J.L. Koprowski. Comparative nesting ecology of sympatric endangered Mt. Graham red squirrels and introduced Abert's squirrels (Poster). American Society of Mammalogists, Lake Charles, Louisiana.
- 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.