

TRAVIS GALLO

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ACADEMIC AND RESEARCH APPOINTMENTS

2019-present Assistant Professor, Department of Environmental Science and Policy, College of Science, George Mason University, Fairfax, Virginia
2016-2019 Postdoctoral Researcher, Urban Wildlife Institute, Lincoln Park Zoo, Chicago, Illinois
2017 Instructor, Northeastern Illinois University, Chicago, Illinois

EDUCATION

2016 **Ph.D.**, Department of Fish, Wildlife, and Conservation Biology, Colorado State University. Dissertation: *Bird and mammal response to large-scale habitat mitigation*. Advisor: Dr. Liba Pejchar
2008 **M.S.**, Department of Biology, Texas A&M University – Corpus Christi. Thesis: *Predicting current and future distributions of Mexican ground squirrels (*Spermophilus mexicanus parvidens*)*. Advisor: Dr. Graham Hickman
2005 **B.S.**, Department of Biology, Texas A&M University – Corpus Christi

REFEREED PUBLICATIONS

As of May, 2021, **Total**: 20, Google Scholar **Citations**: 436, **h-index**: 9, **i10-index**: 9
Journal 5-year impact factors are in brackets

Lehrer, E.W, **T. Gallo**, M. Fidino, R.J. Kilgour, P.J. Wolff, S. Magle. 2021. Urban bat occupancy is highly influenced by noise and the location of water: Considerations for nature-based urban planning. *Landscape and Urban Planning*. 210:104063. [5.44]

Fidino, M., **Gallo, T.**, Lehrer, E. W., Murray, M. H., Kay, C., Sander, H. A., MacDougall, B., Salsbury, C. M., Ryan, T. J., Angstmann, J. L., Beldire, J. A., Dugelby, B., Schell, C., Stankowich, T., Amaya, M., Drake, D., Hursh, S. H., Ahlers, A. A., Williamson, J., Hartley, L. M., Zellmer, A. J., Simon, K., and Magle, S. B. **in press**. Landscape-scale differences among cities alter common species' responses to urbanization. *Ecological Applications*. [4.43]

Ritzel, K. and **T. Gallo. in press**. Behavior Change in Urban Mammals: A Systematic Review. *Frontiers in Ecology and Evolution*. [2.08]

Gallo, T.*, M. Fidino*, E.W. Lehrer, S. Magle. **2019**. Novel fear dynamics in a highly urban ecosystem. *Journal of Animal Ecology*. 88:793-803 [4.46]

* Both authors contributed equally

Potratz, E., J.S. Brown, **T. Gallo**, C. Anchor, R.M Santymire. **2019**. Effects of demography and urbanization on stress and body condition of urban white-tailed deer. *Urban Ecosystems*. 22:807–816 [2.58]

Magle, S.B., M. Fidino, E.W. Lehrer, **T. Gallo**, M.P. Mulligan, M.J. Ríos, A.A. Ahlers, J. Angstmann, A. Belaire, B. Dugelby, A. Gramza, L. Hartley, B. MacDougall, T. Ryan, C. Salsbury, H. Sander, C. Schell, K. Simon, D. Drake. **2019**. Advancing urban wildlife research through a multi-city collaboration. *Frontiers in Ecology and the Environment*. 17:232-239 [10.93]

Gallo, T. and M. Fidino. **2018**. Insight: Making wildlife welcome in urban areas. *eLife*. 7:e41348 (invited) [7.08]

Gallo, T., E.W. Lehrer, M. Fidino, R.J. Kilgour, P.J. Wolff, S. Magle. **2018**. Need for multiscale planning for conservation of urban bats. *Conservation Biology*. 32:638-647 [5.40]

Pejchar, L., **T. Gallo**, M. Hooten, G. Dailey. **2018**. Predicting effects of large-scale reforestation on native and exotic birds. *Diversity and Distributions*. 24:811-819 [4.09]

Gallo, T., M. Fidino, E.W. Lehrer, S. Magle. **2017**. Mammal diversity and metacommunity dynamics in urban green spaces: implications for urban wildlife conservation. *Ecological Applications*. 27:2330-2341 [4.43]

Gallo, T., L.T. Stinson, L. Pejchar. **2017**. Mitigation for energy development fails to mimic natural disturbance for birds and mammals. *Biological Conservation*. 212:39-47 [4.66]

Gallo, T. and L. Pejchar. **2017**. Woodland reduction and long-term change in breeding bird communities. *Journal of Wildlife Management*. 81:259-268 [2.05]

Farr, C., D. Bennett, S. Bombaci, **T. Gallo**, A. Mangan, T. Nogeire, H. Riedl, L. Stinson, K. Wilkins, L. Pejchar. **2017**. Addressing the gender gap in distinguished speakers at professional ecological conferences. *Bioscience*. 67:464-468 [8.28]

Bombaci, S., **T. Gallo**, L. Pejchar. **2017**. Small-scale woodland reduction practices have neutral or negative short-term effects on birds and small mammals. *Rangeland Ecology and Management*. 70:363-373 [2.09]

Miller, A., E. Goad, **T. Gallo**, L. Pejchar, L. Bailey, S. Reed. **2017**. The impact of exurban housing density on wintering birds. *The Wilson Journal of Ornithology*. 129:85-97 [0.67]

Riedl, H., D. Bennett, A. Mangan, L. Stinson, K. Wilkins, **T. Gallo**, L. Pejchar. **2017**. The Paradox of the Carnivorous Conservationist. *Biological Conservation*. 205:111-112. [book review]

Gallo, T., L.T. Stinson, L. Pejchar. **2016**. Pinyon-juniper removal has long-term effects on mammals. *Forest Ecology and Management* 377:93-100 [3.12]

Gallo, T. and L. Pejchar. **2016**. Improving habitat for game animals has mixed consequences for biodiversity conservation. *Biological Conservation* 197:47:52 [4.66]

Bombaci, S., C. Farr, **T. Gallo**, A. Mangan, L. Stinson, M. Kaushik, L. Pejchar. **2015**. Using Twitter to communicate conservation science beyond professional conferences. *Conservation Biology* 30:216-225 [5.40]

Gallo T. and D. Waitt. **2011**. Creating a successful citizen science model to detect and report invasive species. *Bioscience* 61:459-465 [8.28]

TECHNICAL REPORTS

Bertleson, M., M. O’Toole, **T. Gallo**. 2012. City of Austin Invasive Species Management Plan. Austin, Texas.

Hickman, G. C., A. Baxter, **T. Gallo**. 2007. Species inventory update at NAS Corpus Christi, Texas: Including NALF Waldron, NALF Cabaniss, and the Perry Place Transmitter Site. June 2007.

POPULAR SCIENCE PUBLICATIONS

Gallo, T. 2016. To better conserve wildlife, consider all kinds of animals, not just the ones we hunt. *The Conversation*, May 2016.

Gallo, T. and S. Windhager. 2011. Accepting ‘The New Normal’? Not so fast... *Conservation Magazine*, Spring 2011.

GRANTS AND AWARDS

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|-----------|--|
| 2020-2021 | 400 Years of African American History Commission (National Park Service), Write a New History Grant (\$20,000) - The Hidden History of Enslaved Naturalist, 1619, and 1863 |
| 2018-2020 | Urban Wildlife Information Network Expansion Grant (\$250,000) |
| 2014-2016 | XTO Energy Development and Conservation Grant (\$40,000) |
| 2014-2015 | Lois Webster Conservation Grant. Denver Audubon (\$750) |
| 2014-2015 | Colorado Parks and Wildlife Conservation Research Grant (\$1,000) |
| 2014-2015 | Sustainability Leadership Fellowship, School of Global Environmental Sustainability, Colorado State University |
| 2011-2012 | Invasive Species Pulling Together Initiative. U. S. Forest Service, Forest Health Protection. (\$20,000) |
| 2011-2010 | APHIS Farm Bill: Creating a sentinel network to detect insect pest of regulatory significance. (\$74,000) |
| 2011-2012 | Creating a citizen science program to map invasive species and monitor rare plants on National Forests and Grasslands in Texas. National Forest Foundation. (\$20,000) |
| 2010-2011 | Public Servant of the Year, Texas Invasive Plant and Pest Council |
| 2009-2010 | Invasive Species Pulling Together Initiative. U. S. Forest Service, Forest Health Protection. (\$45,000) |
| 2009-2010 | Invaders of Texas: Student and Teacher Training in Austin, TX. City of Austin Urban Forest Grant Program (\$5,925) |
| 2005-2006 | TAMU-CC Science & Technology Graduate Scholarship (\$500) |

TEACHING

Instructor

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|------|---|
| 2021 | Applied Ecology [EVPP 377], Department of Environmental Science and Policy, George Mason University |
| 2021 | Biodiversity and Ecosystem Services [EVPP 301], Department of Environmental Science and Policy, George Mason University |

- 2021 R Programming for Environmental Science [EVPP 505], Department of Environmental Science and Policy, George Mason University
- 2020 Principles of Wildlife Ecology [EVPP 490], Department of Environmental Science and Policy, George Mason University
- 2019 - 2021 Principles of Conservation Biology [EVPP 318/518], Department of Biology, George Mason University
- 2019 Conservation in Urban Ecosystems [EVPP 991], Department of Environmental Science and Policy, George Mason University
- 2017 General Ecology [BIOL 305], Department of Biology, Northeastern Illinois University. Writing Intensive Program sanctioned course. Instructor with full responsibility
- 2016 Principles of Wildlife Management [FWCB 280], Department of Fish, Wildlife, and Conservation Biology, Colorado State University. Co-instructor with full responsibility

Teaching Assistantships

- 2015 Ecology, Department of Natural Resources, Colorado State University, Instructor: Dr. Liba Pejchar
- 2013 Ornithology, Department of Biology, Colorado State University, Instructor: Dr. Cameron Ghalambor
- 2008 Vertebrate Biology, Department of Biology, Texas A&M University-Corpus Christi, Instructor: Dr. Graham Hickman
- 2008 Ornithology, Department of Biology, Texas A&M University-Corpus Christi, Instructor: Dr. Graham Hickman
- 2007 Mammalogy, Department of Biology, Texas A&M University-Corpus Christi, Instructor: Dr. Graham Hickman
- 2007 Vertebrate Biology, Department of Biology, Texas A&M University-Corpus Christi, Instructor: Dr. Graham Hickman
- 2006 Vertebrate Biology, Department of Biology, Texas A&M University-Corpus Christi, Instructor: Dr. Graham Hickman

Guest Lectures

- 2018 General Ecology (300-level course), Department of Biology, Loyola University, "Urban Ecology"
- 2016 Biological Diversity (300-level course), Department of Fish, Wildlife, and Conservation Biology, Colorado State University, "Communicating Conservation Science"
- 2014 Conservation Biology (400-level course), Department of Fish, Wildlife, and Conservation Biology, Colorado State University, "Public Participation in Research: aka Citizen Science"
- 2012 Conservation Biology (400-level course), Department of Fish, Wildlife, and Conservation Biology, Colorado State University, "Public Participation in Research: aka Citizen Science"

Informal Teaching

- 2017 R programming and occupancy modeling workshop for UWIN partners, Urban Wildlife Institute, Lincoln Park Zoo, Chicago, Illinois
- 2011 Early Naturalists and Texas Ecology, University of Texas at Austin, Texas

STUDENT ADVISING

Chair of Graduate Student Committee

Merri Collins (PhD), 2020-current – Population and Community Ecology of Urban Mammals
Krista Shires (PhD), 2020-current – Anthropogenic impacts on urban mammals
Angela Gaal (MS), 2020-current – Distribution of ecosystem services provisioned by public trees
Dan Herrera (MS), 2020-current – Effects of non-tangible variables on urban wildlife
Kate Ritzel (MS), 2019-current – Differences between urban and rural racoon behavior

Member, Graduate Student Committee

Meadhbh Molloy (PhD), 2020-current – Disease ecology of urban Tasmanian devils
Katrina Cazal (MS), 2020-current – Defense mechanisms of urban mammals
Shawn Smith (PhD), 2019-current – Annual cycle and population dynamics of urban bird
Megan Gisonda (MS), 2019-current – Indigenous perspective of Tongass Roadless Area
Christine Nguyen (MS), 2019-2019 – Spatial distribution of desert rodents

Undergraduate Student and Technician Supervision

Aly Cervantes, 2018-2019, supervising undergraduate research internship
Molly Warner, 2014-2017, supervising undergraduate honors thesis
Adam Miller, 2014-2016, supervising publication of undergraduate honors thesis
Aaron Campbell, 2012-2014, field technician
Kelsey Hatcher, 2012-2013, lab technician

SERVICE ACTIVITIES

2020-current Faculty-sponsor, Anti-Racism and Ecojustice Alliance, Environmental Science and Policy, George Mason University
2019-current Chair, Seminar Committee, Environmental Science and Policy, George Mason University
2019-current Faculty-sponsor, The Wildlife Society Student Chapter, George Mason University

SCIENTIFIC ADVISING

2014-current The Tumble Podcast: a science podcast for kids. Science Advisory Board.
2015 Bird Conservancy of the Rockies. Occupancy Analysis of Wintering Grassland Birds in Chihuahua, Mexico.

SCIENCE COMMUNICATION AND OUTREACH

2020 COMPASS Communication Training, George Mason University, Fairfax, Virginia.
2015-2017 Co-founder and co-host. The School of Global Environmental Sustainability's *Sustainability Hour* radio program. 90.5 KCSU Fort Collins.
2014-2015 Sustainability Leadership Fellow. The School of Global Environmental Sustainability, Colorado State University, Fort Collins, Colorado.

SYMPOSIA AND PANELS ORGANIZED

2020 **Gallo T.** and S. Corrao. Creating and Designing Wildlife Friendly Cities. The Wildlife Society Annual Conference. Virtual Conference.
2019 **Gallo T.** and C. Schell. Plenary Keynote Panel: Collaboration and Conservation: Applications to Urban Wildlife. International Urban Wildlife Conference, Portland, Oregon, US.

- 2019 **Gallo T.** and C. Schell. Inclusive Urban Ecosystems: Integrating urban ecology research with community engagement. International Urban Wildlife Conference, Portland, Oregon, US.
- 2018 **Gallo T.** Nature in the City: connecting the urban to the wild through green infrastructure initiatives. North American Congress for Conservation Biology, Toronto, Ontario, Canada
- 2017 **Gallo T.,** M. Wilkerson, L. Bailey, M. Draheim, L. Kövér. Conservation Science in an Urbanizing World: practicing conservation science in urban systems. 28th International Congress for Conservation Biology, Cartagena, Colombia.
- 2017 Wilkerson M., **T. Gallo,** L. Bailey, M. Draheim, L. Kövér. Conservation Science in an Urbanizing World: how is science and conservation changing in urban ecosystems? 28th International Congress for Conservation Biology, Cartagena, Colombia

INVITED SEMINARS, SYMPOSIA, AND PANELS

- 2020 *Symposium:* Expanding Boundaries Through Allyship in Conservation Biology. North American Congress of Conservation Biology. Virtual Conference.
- 2018 *Symposium:* Urban Carnivore Ecology. The Wildlife Society's Annual Meeting, Cleveland, Ohio.
- 2018 *Seminar:* Department of Biological Sciences Seminar Series, University of Northern Illinois, DeKalb, Illinois.
- 2017 *Seminar:* Faculty and Student Seminar Series. Ecology and Evolution Program, University of Illinois at Chicago, Chicago, Illinois.
- 2016 *Seminar:* Conservation and Science Research Seminar Series. Department of Conservation and Science, Lincoln Park Zoo, Chicago, Illinois.
- 2014 *Symposium:* Wildlife and Natural Gas Extraction in the Piceance Basin, Colorado: Impacts and Mitigation. 2014 Colorado Chapter of the Wildlife Society Annual Winter Meeting, Fort Collins, Colorado.
- 2011 *Panel:* Invasive Species Management, Control, and Early Detection. 2011 Natural Areas Conference, Tallahassee, Florida.
- 2011 *Panel:* Eyes in the Field, Boots on the Ground: Citizen Science. 2011 South by Southwest Eco, Austin, Texas.

SELECTED CONFERENCE PRESENTATIONS

- 2020 **T. Gallo,** M. Blair, M. Groom. Individual and Institutional Allyship that Creates Supportive Workplaces for All Conservationists. North American Congress of Conservation Biology. Virtual Conference.
- 2017 **Gallo, T.,** M. Fidino, E.W. Lehrer, S. Magle. Rethinking the landscape of fear in urban ecosystems. The Wildlife Society Annual Meeting, Albuquerque, New Mexico.
- 2017 **Gallo, T.,** M. Fidino, E.W. Lehrer, S. Magle. Metacommunity dynamics of mammals in urban green spaces. International Congress of Conservation Biology, Cartagena, Colombia.
- 2017 **Gallo, T.,** M. Fidino, E.W. Lehrer, S. Magle. If you build it will they come? Metacommunity and metapopulation dynamics of mammals in urban green spaces. International Urban Wildlife Conference, San Diego, California.
- 2016 **Gallo, T.** and L. Pejchar. Management for game species has unintended consequences for non-target species. North American Congress for Conservation Biology, Madison, Wisconsin.
- 2015 **Gallo, T.,** L.T. Stinson, L. Pejchar. Long-term effects of tree removal on animal

- communities in the Piceance Basin, Colorado. Ecological Society of America, Baltimore, Maryland.
- 2015 **Gallo, T.**, L.T. Stinson, L. Pejchar. Long-term effects of tree removal on animal communities in the Piceance Basin, Colorado. International Congress for Conservation Biology, Montpellier, France.
- 2015 **Gallo, T.** Long-term impacts of chaining on bird communities in the Piceance Basin. Front Range Student Ecology Symposium, Fort Collins, Colorado.
- 2015 **Gallo, T.** Long-term impacts of chaining on bird communities in the Piceance Basin. Colorado Chapter of the Wildlife Society Annual Winter Meeting, Grand Junction, Colorado.
- 2014 **Gallo, T.**, Bombaci, S., C. Farr, A. Mangan, L. Stinson, L. Pejchar. How well does Twitter communicate conservation science?: a case study of ICCB 2013. North American Congress of Conservation Biology, Missoula, Montana.
- 2014 **Gallo, T.** Does mechanical disturbance mimic natural disturbance? Avian response to hydroax and fire. Front Range Student Ecology Symposium, Fort Collins, Colorado.
- 2014 **Gallo, T.** Does mechanical disturbance mimic natural disturbance? Avian response to hydroax and fire. Colorado Chapter of the Wildlife Society Annual Winter Meeting, Fort Collins, Colorado.
- 2011 **Gallo, T.** Introducing the Eradicator Calculator: a new tool for recording the cost and efforts to control and manage invasive species in Texas. 2011 Texas Invasive Plant and Pest Conference, Austin, Texas
- 2010 **Gallo, T.** Creating a successful citizen science model to detect and report invasive species. 2010 Texas Academy of Science Annual Meeting, Austin, Texas.
- 2010 **Gallo, T.** Creating a successful citizen science model to detect and report invasive species. 2010 Texas Plant Conservation Conference, Austin, Texas.
- 2009 **Gallo, T.** Using citizen scientists to update the distribution of key invasive species in Texas. 2009 Texas Invasive Plant and Pest Conference, San Antonio, Texas.
- 2009 **Gallo, T.**, D. Waitt. Using citizen scientists to update the distribution of key invasive species in Texas. 2009 Texas Plant Conservation Conference, Austin, Texas.
- 2009 **Gallo, T.** Using citizen scientists to better understand the distribution of invasive plants in Texas. 2009 South East Entomology Symposium, Nacogdoches, Texas.

POSTER PRESENTATIONS

- 2013 **Gallo, T.** Avian response to mule deer management techniques in the Piceance Basin, Colorado. Front Range Student Ecology Symposium, Fort Collins, Colorado.
- 2013 **Gallo, T.** Avian response to mule deer management techniques in the Piceance Basin, Colorado. Colorado Parks and Wildlife Annual Winter Meeting, Colorado Springs, Colorado.
- 2008 **Gallo, T.** Predicting current and future distributions of Mexican ground squirrels (*Spermophilus mexicanus parvidens*). 2008 Texas Academy of Science Annual Meeting, Corpus Christi, Texas.

PROFESSIONAL ACTIVITIES

Professional Societies

Society for Conservation Biology

Member: Urban Ecology Working Group

Member: Participatory and Citizen Science Working Group

The Wildlife Society

Member: Urban Wildlife Working Group
Ecological Society of America
Member: Urban Ecology Section
Member: Early Career Ecologist Section

Associated Editor

Urban Ecosystems

Editorial Board

Biological Conservation

Review of Journal Articles

Ecological Applications
Scientific Reports
Journal of Applied Ecology
Bioscience
Biological Conservation
Urban Ecosystems
Journal of Urban Ecology
Journal of Wildlife Management
Journal of Mammalogy

PROFESSIONAL EXPERIENCE

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|-----------|---|
| 2016-2019 | Postdoctoral Researcher, Urban Wildlife Institute, Lincoln Park Zoo, Chicago, Illinois |
| 2016 | Research and Social Media Coordinator, Global Biodiversity Center, Colorado State University, Fort Collins, Colorado |
| 2012-2016 | Graduate Research Assistant, Colorado State University, Fort Collins, Colorado |
| 2008-2012 | Program Coordinator, Invaders of Texas Citizen Science Program, University of Texas at Austin, Lady Bird Johnson Wildflower Center, Austin, Texas |
| 2011 | Contract Biologist, Audubon Texas, San Antonio, Texas |
| 2008-2009 | Important Bird Areas Coordinator, Travis Audubon Society, Austin, Texas |
| 2008 | Biological Technician, United States Geological Survey Texas Snowy Plover Consensus, Rio Hondo, Texas |
| 2006-2008 | Biological Technician, United States Geological Survey Wintering Grassland Bird Survey, Corpus Christi, Texas |
| 2005-2008 | Biological Technician, Texas A&M University – Corpus Christi U.S. Navy Vertebrate Surveys, Corpus Christi, Texas |

SELECTED MEDIA COVERAGE

Bobcat spotted roaming Washington D.C. in rare sighting. *National Geographics*. January, 24, 2020
How Hunting Still Rules Our Wildlife Agencies. *TakePart.com*. March 18, 2016
Management Efforts for Elk and Deer May Not Benefit All Wildlife. *Science Daily*. April 5, 2016
Management Efforts for Elk and Deer May Not Benefit All Wildlife. *CSU Source*. April 5, 2016
CSU Research Examines Mixed Effects of Habitat Projects. *Reporter-Herald*. April 6, 2016
New Wildlife Research May Affect Mule Deer Efforts. *Aspen Public Radio*. April 11, 2016
Game Not Always Umbrella Species for Conservation. *Wildlife Professional*. April 15, 2016

COMMUNITY INVOLVEMENT

2017 Mentor, After School Matters Teen Hack-a-Thon, Chicago, Illinois.
2016 – Zooniverse Moderator
2010-2012 Leadership Council, Emerging Professionals in Conservation, Hill Country Conservancy, Austin, Texas.
2010-2012 Committee Member, Bouldin Creek Neighborhood Association Parks Committee, Austin, Texas.
2009 Instructor, Bird Study Course at Boy Scouts of America Hornaday Camp, Bastrop, Texas.
2008-2009 Board Member, Urban Forest Board, Austin, Texas.
2006- 2008 Conservation Chair, Coastal Bend Audubon Society, Corpus Christi, Texas.
2006-2008 Annual Breeding Bird Surveys, USGS, Corpus Christi, Texas.
2005 Hurricane Katrina Relief Efforts, American Red Cross, Corpus Christi, Texas.