

# Travis Gallo, PhD

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## Appointments

- 2016 – Postdoctoral Researcher, Urban Wildlife Institute, Lincoln Park Zoo, Chicago, Illinois. Advisor: Dr. Seth Magle
- 2017 – Adjunct Instructor, Department of Biology, Northeastern Illinois University, Chicago, Illinois.
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## 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
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## Refereed Publications

Click on titles to link to articles

[ResearchGate Profile \(link\)](#)

[Google Scholar Profile \(link\)](#)

- [13] **Gallo, T.**, E.W. Lehrer, M. Fidino, R.J. Kilgour, P.J. Wolff, S. Magle. **In press**. Need for multiscale planning for conservation of urban bats. *Conservation Biology*.
- [12] Pejchar, L., **T. Gallo**, M. Hooten, G. Dailey. **In press**. Contrasting effects of large-scale reforestation on native and exotic birds. *Diversity and Distributions*.

- [11] **Gallo, T.**, M. Fidino, E.W. Lehrer, S. Magle. **In press**. Mammal diversity and metacommunity dynamics in urban green spaces: implications for urban wildlife conservation. *Ecological Applications*.
- [10] **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.
- [9] **Gallo, T.** and L. Pejchar. **2017**. Woodland reduction and long-term change in breeding bird communities. *Journal of Wildlife Management*. 81:259-268.
- [8] 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.
- [7] 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.
- [6] 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.
- [5] 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]
- [4] **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] **Gallo, T.** and L. Pejchar. **2016**. Improving habitat for game animals has mixed consequences for biodiversity conservation. *Biological Conservation* 197:47:52.
- [2] 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.
- [1] **Gallo T.** and D. Waitt. **2011**. Creating a successful citizen science model to detect and report invasive species. *Bioscience* 61:459-465.

### **Publications in Review**

**Gallo, T.**, M. Fidino, E.W. Lehrer, S.B. Magle. **In review**. Novel fear dynamics in an urban

landscape. *Ecology Letters*.

## **Publications in Preparation**

Lehrer, E.W., **T. Gallo**, M. Fidino, S.B. Magle. Bat occupancy in a highly-urbanized system. *In preparation*.

Pejchar, L., H. Riedl, **T. Gallo**, P. Cushing, G. Dailey. Spider response to large-scale forest restoration on Hawaii Island. *In preparation for Biotropica*.

Warner, M., **T. Gallo**, P. Lendrum, L.T. Stinson, L. Pejchar. Mechanical disturbance alters predator-prey interactions. *In preparation*.

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## **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.

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## **Popular Science Publications**

**Click on titles to link to articles**

**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.

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## Grants and Awards

- 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)
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## Teaching and Supervisory Experience

### Teaching

- 2017 General Ecology (300-level course), Department of Biology, Northeastern Illinois University. Writing Intensive Program sanctioned course. Instructor with full responsibility
- 2016 Principles of Wildlife Management (200-level course), 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**

- 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”

### **Student and Technician Supervision**

- 2014-present Molly Warner, supervising undergraduate honors thesis
- 2014-2016 Adam Miller, supervising publication of undergraduate honors thesis
- 2012-2014 Aaron Campbell, field technician
- 2014 Camera ID undergraduate volunteer team, supervised 10 undergraduate lab volunteers
- 2012-2013 Kelsey Hatcher, lab technician

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### **Scientific Advising**

- 2014-present The Tumble Podcast: a science podcast for kids ([link](#)). Science Advisory Board.
- 2015 Bird Conservancy of the Rockies. Occupancy Analysis of Wintering Grassland

## Science Communication and Outreach

- 2015-present 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.
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## Symposia Organized

- 2017 **Gallo T.**, M. Wilkerson, L. Bailey, M. Draheim, L. Kövér. Conservation Science in an Urbanizing World: practicing conservation science in urban systems. 28<sup>th</sup> 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? 28<sup>th</sup> International Congress for Conservation Biology, Cartagena, Colombia.
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## Invited Conference Panels, Symposia, and Seminars

- 2018 Department of Biological Sciences Seminar Series, University of Northern Illinois, DeKalb, Illinois.
- 2017 Faculty and Student Seminar Series. Ecology and Evolution Program, University of Illinois at Chicago, Chicago, Illinois.
- 2016 Conservation and Science Research Seminar Series. Department of Conservation and Science, Lincoln Park Zoo, Chicago, Illinois.
- 2014 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 Invasive Species Management, Control, and Early Detection. 2011 Natural Areas Conference, Tallahassee, Florida.
- 2011 Eyes in the Field, Boots on the Ground: Citizen Science. 2011 South by Southwest Eco, Austin, Texas.
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## Selected Conference Presentations

- 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.

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## 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.
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## Journal Reviews

*Journal of Applied Ecology, Bioscience, Biological Conservation, Journal of Wildlife Management, Urban Ecosystems, Journal of Mammalogy*

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## Professional Experience

- 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
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## Research Participation

Woodin, M.C., M.K. Skoruppa, B.D. Pearce, M.J. Ruddy, G.C. Hickman. 2010. Grassland birds

wintering at U.S. Navy facilities in Southern Texas. U.S. Geological Survey, Corpus Christi, Texas. Submitted July 2010. [url] <http://pubs.usgs.gov/of/2010/1115/pdf/OFR2010-1115.pdf>

Clements, P. and C.M. Giggelman. 2009. Herpetofauna survey of the United States Navy Escondido Ranch McMullen County, TX 2007-2009. U.S. Fish and Wildlife Service, Corpus Christi, Texas. Submitted April 2009.

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## Professional Organizations

- 2005-present Society for Conservation Biology  
*Member: Diversity and Inclusion Committee*  
*Member: Urban Ecology Working Group*  
*Member: Participatory and Citizen Science Working Group*
- 2015-present The Wildlife Society  
*Member: Urban Wildlife Working Group*
- 2015-present Ecological Society of America  
*Member: Urban Ecology Section*  
*Member: Early Career Ecologist Section*
- 2005-2016 The American Ornithologists' Union
- 2010-2012 Emerging Professionals in Conservation (Hill Country Conservancy)
- 2005-2008 The American Society of Mammalogist

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## Community Involvement

- 2017 Mentor, After School Matters Teen Hack-a-Thon, Chicago, Illinois.
- 2016-present 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.