

# TRAVIS GALLO

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## APPOINTMENT

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- 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.

## EDUCATION

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- 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

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- [15] Gallo, T. and M. Fidino. **In press**. Insight: Making wildlife welcome in urban areas. *eLife*. [invited]
- [14] 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. **In press**. Advancing urban wildlife research through a multi-city collaboration. *Frontiers in Ecology and the Environment*.
- [13] **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*. DOI: 10.1111/cobi.13047
- [12] Pejchar, L., **T. Gallo**, M. Hooten, G. Dailey. **2018**. Predicting effects of large-scale reforestation on native and exotic birds. *Diversity and Distributions*. DOI:

0.1111/ddi.12723

- [11] **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.
- [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. Nogueire, 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. Magle. In revision. Novel fear dynamics in a

highly urban ecosystem. *Animal Ecology*.

\* Both authors contributed equally

Potratz, E., J.S. Brown, T. Gallo, C. Anchor, R.M Santymire. **In review**. Effects of demography and urbanization on stress and body condition of urban white-tailed deer. *Urban Ecosystems*.

## TECHNICAL REPORTS

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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

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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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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 AND SUPERVISORY EXPERIENCE

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### Instructor

- 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

- 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"

## Student and Technician Supervision

- 2018 – Aly Cervantes, supervising undergraduate research internship  
2014 – 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

## 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

## SCIENTIFIC ADVISING

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

## SCIENCE COMMUNICATION AND OUTREACH

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- 2015 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 ORGANIZED

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- 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. 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

## INVITED SEMINARS, SYMPOSIA, AND PANELS

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- 2018 *Symposium*: Urban Carnivore Ecology. 2018 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

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- 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

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- 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.

## JOURNAL REVIEWS

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*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 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

## PROFESSIONAL ORGANIZATIONS

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- 2005 – Society for Conservation Biology  
*Member: Urban Ecology Working Group*  
*Member: Participatory and Citizen Science Working Group*
- 2015 – The Wildlife Society  
*Member: Urban Wildlife Working Group*
- 2015 – Ecological Society of America  
*Member: Urban Ecology Section*  
*Member: Early Career Ecologist Section*

## MEDIA COVERAGE

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- 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

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- 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.