

Travis Gallo, PhD

4046 N. Clarendon Ave. Apt. 1N | Chicago, IL 60613 | 940.367.0741 | tgallo@lpzoo.org

EDUCATION

- 2016 Ph.D., Department of Fish, Wildlife, and Conservation Biology
 Colorado State University
- 2008 M.S., Department of Biology
 Texas A&M University – Corpus Christi
- 2005 B.S., Department of Biology
 Texas A&M University – Corpus Christi

PRESENT POSITIONS

- 2016 – present Urban Wildlife Postdoctoral Researcher, Lincoln Park Zoo –
 Urban Wildlife Institute, Chicago, Illinois

Research Summary:

My knowledge and expertise lie at the nexus of conservation biology, quantitative ecology, and environmental policy. I am currently a postdoctoral researcher at the Urban Wildlife Institute at the Lincoln Park Zoo. I work to understand how urban environments – both the physical and social environment – influence animal populations and communities, and how we can further incorporate this information into future urban planning to help conserve biological diversity in cities.

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 University of Texas at Austin, Lady Bird Johnson Wildflower Center,
 Program Coordinator, Invaders of Texas Citizen Science Program, Austin,
 Texas
- 2011 Audubon Texas, Contract Biologist, San Antonio, Texas
- 2008-2009 Travis Audubon Society, Important Bird Areas Coordinator, Austin, Texas

- 2008 United States Geological Survey, Texas Snowy Plover Consensus, Biological Technician, Rio Hondo, Texas
- 2006-2008 United States Geological Survey, Wintering Grassland Bird Survey, Biological Technician, Corpus Christi, Texas
- 2005-2008 Texas A&M University – Corpus Christi, U.S. Navy Vertebrate Surveys, Biological Technician, Corpus Christi, Texas

PUBLICATIONS

Refereed Journal Articles

Gallo, T. and L. Pejchar. (*accepted*). Woodland reduction leads to long-term state change in bird communities. *Journal of Wildlife Management*.

Miller, A., **T. Gallo**, E. Goad, L. Pejchar, L. Bailey, S. Reed. (*in press*). The impact of exurban housing density on wintering birds. *The Wilson Journal of Ornithology*.

Gallo, T. L. Stinson, and L. Pejchar. 2016. Pinyon-juniper removal has long-term effects on mammals. *Forest Ecology and Management* 377:93-100. DOI: 10.1016/j.foreco.2016.06.029.

Gallo, T. and L. Pejchar. 2016. Improving habitat for game animals has mixed consequences for biodiversity conservation. *Biological Conservation* 197:47:52. DOI: 10.1016/j.biocon.2016.02.032.

Bombaci, S., C. Farr, **T. Gallo**, A. Mangan, L. Stinson, M. Kaushik, L. Pejchar. 2015. Using Twitter to communicate conservation science from a professional conference. *Conservation Biology* 30:216-225. DOI: 10.1111/cobi.12570.

Gallo, T. and D. Waitt. 2011. Creating a successful citizen science model to detect and report invasive species. *BioScience* 61:459-465. DOI: 10.1525/bio.2011.61.6.8.

Manuscripts in Review

Pejchar, L., M. Hooten, **T. Gallo**, G. Daily. (*in revision*). Contrasting effects of forest restoration on native and exotic birds in a novel Hawaiian ecosystem. *Ecosphere*.

Riedl H., D. Bennett, A. Mangan, L. Stinson, K. Wilkins, **T. Gallo**, L. Pejchar. (*in revision*). The Paradox of the Carnivorous Conservationist. *Biological Conservation*.

Farr, C., D. Bennett, S. Bombaci, **T. Gallo**, A. Mangan, T. Nogeire, H. Riedl. L. Stinson,

K. Wilkins, L. Pejchar. (*in review*). Distinguished speakers as role models: addressing the gender gap at professional conferences. *Bioscience*.

Technical Publications

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

<http://austintexas.gov/sites/default/files/files/Watershed/invasive/COA-ISMP-Final-7-11-12.pdf>.

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

Outreach 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.

AWARDS AND SCHOLARSHIPS

- 2014 Sustainability Leadership Fellowship - School of Global Environmental Sustainability, Colorado State University
- 2011 Public Servant of the Year, Texas Invasive Plant and Pest Council
- 2005 TAMU-CC Science & Technology Graduate Scholarship

GRANTS AND FELLOWSHIPS

- 2014-2015 Lois Webster Conservation Grant. Denver Audubon (\$750)
- 2014-2015 Colorado Parks and Wildlife Conservation Research Grant (\$1,000)
- 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)
- 2009-2010 Invasive Species Pulling Together Initiative. U. S. Forest Service, Forest

- Health Protection. (\$45,000)
 2010 Invaders of Texas: Student and Teacher Training in Austin, TX. City of Austin Urban Forest Grant Program (\$5,925)

SCIENTIFIC ADVISING

- 2014-present The Tumble Podcast. Science Advisory Board
 2015 Bird Conservancy of the Rockies. Occupancy Analysis of Wintering Grassland Birds in Chihuahua, Mexico

INVITED CONFERENCE PANELS AND SYMPOSIUMS

- 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.

SELECTED CONFERENCE PRESENTATIONS

Gallo, T. and L. Pejchar. 2016. Game management has mixed consequences for biodiversity conservation. North American Congress for Conservation Biology, Madison, Wisconsin.

Gallo, T., L.T. Stinson, L. Pejchar. 2015. Long-term effects of tree removal on animal communities in the Piceance Basin, CO. Ecological Society of America, Baltimore, Maryland.

Gallo, T., L.T. Stinson, L. Pejchar. 2015. Long-term effects of tree removal on animal communities in the Piceance Basin, CO. International Congress for Conservation Biology, Montpellier, France.

Gallo, T. 2015. Long-term impacts of chaining on bird communities in the Piceance Basin. Front Range Student Ecology Symposium, Fort Collins, Colorado.

Gallo, T. 2015. Long-term impacts of chaining on bird communities in the Piceance

Basin. Colorado Chapter of the Wildlife Society Annual Winter Meeting, Grand Junction, Colorado.

Gallo, T., Bombaci, S., C. Farr, A. Mangan, L. Stinson, L. Pejchar. 2014. How well does Twitter communicate conservation science?: a case study of ICCB 2013. North American Congress of Conservation Biology, Missoula, Montana.

Gallo, T. 2014. Does mechanical disturbance mimic natural disturbance? Avian response to hydroax and fire. Front Range Student Ecology Symposium, Fort Collins, Colorado.

Gallo, T. 2014. Does mechanical disturbance mimic natural disturbance? Avian response to hydroax and fire. Colorado Chapter of the Wildlife Society Annual Winter Meeting, Fort Collins, Colorado.

Gallo, H.T. 2011. 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.

Gallo, H.T. 2010. Creating a successful citizen science model to detect and report invasive species. 2010 Texas Academy of Science Annual Meeting, Austin, Texas.

Gallo, H.T. 2010. Creating a successful citizen science model to detect and report invasive species. 2010 Texas Plant Conservation Conference, Austin, Texas.

Gallo, H. T. 2009. Using citizen scientists to update the distribution of key invasive species in Texas. 2009 Texas Invasive Plant and Pest Conference, San Antonio, Texas.

Gallo, H. T., D. Waitt. 2009. Using citizen scientists to update the distribution of key invasive species in Texas. 2009 Texas Plant Conservation Conference, Austin, Texas.

Gallo, H. T. 2009. Using citizen scientists to better understand the distribution of invasive plants in Texas. 2009 South East Entomology Symposium, Nacogdoches, Texas.

POSTER PRESENTATIONS

Gallo, T. 2013. Avian response to mule deer management techniques in the Piceance Basin, Colorado. Front Range Student Ecology Symposium, Fort Collins, Colorado.

Gallo, T. 2013. Avian response to mule deer management techniques in the Piceance Basin, Colorado. Colorado Parks and Wildlife Annual Winter Meeting, Colorado Springs, Colorado.

Gallo, H. T. 2008. Predicting current and future distributions of Mexican ground squirrels (*Spermophilus mexicanus parvidens*). 2008 Texas Academy of Science Annual Meeting, Corpus Christi, Texas.

TEACHING EXPERIENCE

2016 FW260 Principles of Wildlife Management – Lecturer – Colorado State University

GUEST LECTURES

2016 NR300 Biological Diversity – Colorado State University
“Communication Conservation Science”

2014 FW555 Conservation Biology – Colorado State University
“Public Participation in Research: aka Citizen Science”

2012 FW555 Conservation Biology – Colorado State University
“Public Participation in Research: aka Citizen Science”

TEACHING ASSISTANTSHIPS

2015 Ecology – Colorado State University

2013 Ornithology – Colorado State University

2008 Vertebrate Biology – Texas A&M University-Corpus Christi

2008 Ornithology – Texas A&M University-Corpus Christi

2007 Mammalogy – Texas A&M University-Corpus Christi

2007 Vertebrate Biology – Texas A&M University-Corpus Christi

2006 Vertebrate Biology – Texas A&M University-Corpus Christi

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

COMMUNICATIONS EXPERIENCE

2015-present Co-founder and co-host. The School of Global Environmental Sustainability's *Sustainability Hour*. 90.5 KCSU Fort Collins.

MASTER'S THESIS

2005-2008 Predicting current and future distributions of Mexican ground squirrels (*Spermophilus mexicanus parvidens*) and a morphological comparison between coastal and inland individuals.

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, TX. 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, TX. Submitted April 2009.

PROFESSIONAL ORGANIZATIONS

2005-present Society for Conservation Biology
 2005-present The American Ornithologists' Union
 2015-present Ecological Society of America
 2010-2012 Emerging Professionals in Conservation (Hill Country Conservancy)
 2005-2008 The American Society of Mammalogist

COMMUNITY INVOLVEMENT

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