

JORDAN M. HERMAN

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EDUCATION

Ph.D. in Biology, Univ. of Utah	Salt Lake City, UT
Advisors: Dr. Dale H. Clayton, Dr. Sarah E. Bush	<i>Expected Completion: Summer 2019</i>
B.S. in Ecology, Evolution and Behavior, Univ. of Minnesota – Twin Cities	Minneapolis, MN
Minor in Spanish Studies	2011
Univ. of Hawaii at Hilo, College of Arts and Sciences	Hilo, HI. 2008
La Fundación Cimas del Ecuador	Tena, Quito, Ecuador. 2009

PUBLICATIONS

- S.A. Knutie, **J.M. Herman**, J.P. Owen, and D.H. Clayton. Tri-trophic ecology of native parasitic nest flies of birds in Tobago. *Ecosphere*, 8(1), 2017.
- H. Vázquez-Miranda, J.A. Griffin, J.M. Sheppard, **J.M. Herman**, O. Rojas-Soto and R.M. Zink. Morphological and molecular evolution and their consequences for conservation and taxonomy in the Le Conte's Thrasher (*Toxostoma lecontei*). *J Avian Biology*, 2017. Accepted Author Manuscript. doi:10.1111/jav.01057
- S.A. Knutie, J.P. Owen, S.M. McNew, A.W. Bartlow, E. Arriero, **J.M. Herman**, E. DiBlasi, M. Thompson, J.A.H. Koop and D.H. Clayton. Galápagos mockingbirds tolerate introduced parasites that affect Darwin's finches. *Ecology*, 97(4), 2016, pp. 940–950.
- J.J. Horns, E. Buechley, M. Chynoweth, L. Aktay, E. Çoban, M.A. Kırpık, **J.M. Herman**, Y. Şaşmaz, and Ç.H. Şekercioğlu. Geolocator tracking of Great Reed-Warblers (*Acrocephalus arundinaceus*) identifies key regions for migratory wetland specialists in the Middle East and sub-Saharan East Africa. *The Condor*, 118(4), 2016, pp. 835-849.

AWARDS

- 2018 Coley-Kursar Graduate Field Research Award (\$2,000)
- 2018 George R. Riser Research Award (\$11,500)
- 2018 British Ornithologists' Union Small Research Grant (£1500)
- 2018 Travel Grant, Department of Biology, Univ. of Utah (\$400)
- 2017 Travel Grant, Department of Biology, Univ. of Utah (\$400)
- 2016 Travel Grant, Global Change and Sustainability Center, Univ. of Utah (\$500)
- 2016 Travel Grant, Department of Biology, Univ. of Utah (\$400)
- 2016 Global Change and Sustainability Center Research Award, Univ. of Utah (\$3,000)
- 2015 Riser Travel Award, Univ. of Utah (\$800)
- 2010 Janet S. Boe Memorial Scholarship, Univ. of Minnesota – Twin Cities (\$2,000)
- 2010 William H. Marshall Field Biology Award, Univ. of Minnesota – Twin Cities (\$500)

RESEARCH

- 2017 – Effects of two radically different parasites have on a shared avian host. La Reserva El Destino, Magdalena, Argentina. Advisors: Dr. Dale H. Clayton, Sarah E. Bush
- 2016 Effects of botfly parasitism on nestling growth and mortality of western bluebirds. Los Alamos National Lab, Los Alamos, NM.
- 2014 – Effects of climate change on understory passerines in Ethiopia
- 2016 Population monitoring of migratory birds in Southwestern Utah
Population monitoring of migratory birds and civic outreach in Salt Lake City, UT
Dr. Çağan H. Şekercioğlu, Evan Buechley, Joshua Horns, Univ. of Utah.
- 2013 Classical biological control of a parasite of Darwin's finches in the Galápagos Islands
Dr. George Heimpel, Univ. of Minnesota - Twin Cities.
- 2012 Multilocus assessment of population differentiation in Baja California birds: implications for community assembly and conservation.
Dr. Keith Barker, Dr. Hernan Vazquez Miranda, Univ. of Minnesota - Twin Cities.
- 2012 Galápagos mockingbirds tolerate introduced parasites that affect Darwin's finches.
- 2012 Effects of native and introduced parasitic nest flies on their hosts in Tobago.
Dr. Dale Clayton, Dr. Sarah Knutie, Univ. of Utah, Galápagos Islands & Tobago.

- 2011 Interactions between the mating system and social system of cooperatively breeding *Campylorhynchus* wrens.
Dr. Keith Barker, Dr. Michael Wells, Univ. of Minnesota - Twin Cities. Costa Rica.
- 2010 – Costs and benefits of coloniality in cliff swallows: insights from a 30-year study
2011 Dr. Charles Brown, Univ. of Tulsa. Ogallala, NE.
- 2010 Why not lie? Costs enforce honesty in an experimental signaling game
Dr. Dave Stephens, Univ. of Minnesota – Twin Cities

TEACHING EXPERIENCE

- 2018 Teaching Assistant: Ecology & Evolution
2016 Teaching Assistant: Evolution and Diversity of Life
2015 – 2016 Teaching Assistant: Biology, Society and Public Engagement. Univ. of Utah.
2014 Teaching Assistant: Principals of Wildlife Ecology. Univ. of Utah
2011 Undergraduate Teaching Assistant: Zoology. Univ. of Minnesota – Twin Cities

PROFESSIONAL SERVICE:

- 2017 Organizer of Wilderness First Aid course, Department of Biology, Univ. of Utah.
2016 Reviewer for *Scientific Reports*
2014 – 2016 Great Salt Lake Audubon Society Conservation Committee member
2015 Reviewer for *Conservation Biology*
2015 Science fair judge - Hillside Middle School, Salt Lake City School District
2014 – 2015 Co-chair of weekly seminar series, Univ. of Utah
2012 – 2014 Freshman Admissions Counselor, Univ. of Minnesota – Twin Cities

PRESENTATIONS:

- Herman, J.M.** La relación hospedador-parásito entre la calandria y *Philornis spp.* 2017. Univ. of Buenos Aires. Autonomous City of Buenos Aires, Argentina. Oral presentation.
- Herman, J.M.** 2017. Home invaders: effects of botfly parasitism on nestling growth and mortality of western bluebirds. Global Change and Sustainability Center Research Symposium, Univ. of Utah. Salt Lake City, UT. Poster presentation.
- Herman, J.M.**, S.A. Knutie, J.P. Owen, and D.H. Clayton. 2016. Tri-trophic ecology of native nest flies (*Philornis trinitensis*) in grassquits and mockingbirds of Tobago. North American Ornithological Conference, Washington D.C. Oral presentation.
- Herman, J.M.** Ecological importance of birds around the world. 2016. Utah County Birders. Brigham Young University, Provo, UT. Oral presentation.
- Herman, J.M.** Population monitoring of migratory passerines in southwestern Utah. 2015. Rio Mesa Teacher Weekend. Moab, UT. Oral presentation.

PROFESSIONAL TRAINING

- 2017 Federal Bird Banding and Marking Permit, U.S. Geological Survey
2015 Wilderness First Responder Certification
2014 Program MARK short course; Utah State Univ.
2014 Songbird Banding Workshop, Boise State Univ.

PROFESSIONAL MEMBERSHIPS

British Ornithologist's Union, Society for the Study of Evolution, Wilson Ornithological Society, American Ornithological Society, British Ecological Society, International Ornithologists' Union