

## Curriculum Vitae – Jessica Gorzo

Department of Forest and Wildlife Ecology, University of Wisconsin – Madison  
[gorzo@wisc.edu](mailto:gorzo@wisc.edu) / (608) 261-1050

---

### EDUCATION

PhD. 2016 (anticipated). University of Wisconsin – Madison. Wildlife Ecology.

Dissertation topic: Avian population response to extreme weather events.

Adviser: Anna Pidgeon ([apidgeon@wisc.edu](mailto:apidgeon@wisc.edu))

Co-lab director: Volker Radeloff ([radeloff@wisc.edu](mailto:radeloff@wisc.edu))

M.S. 2012. Clemson University. Wildlife and Fisheries Biology

Minor: Experimental Statistics.

Thesis: Avian community of golf courses within the South Carolina sea island Complex

Adviser: Patrick Jodice ([pjodice@clemson.edu](mailto:pjodice@clemson.edu))

B.S. 2008. Virginia Polytechnic Institute. Biological Sciences.

Minors: Physics, Astronomy

### PROFESSIONAL EXPERIENCE

- Ph.D. Candidate (2012- )
  - Graduate Research Assistant, SILVIS Lab, University of Wisconsin-Madison
  - *Summer 2012, 2014*: Teaching Assistant, Forestry Summer Camp, University of Wisconsin-Madison
  - *2013*: Co-Instructor, BIOSC 730: Wolves and Society, Clemson University
- M.S. Student (2009-2012)
  - Graduate Research Assistant, South Carolina Cooperative Fish and Wildlife Research Unit, Clemson University
  - *Summer 2009*: Nest searching field work (as M.S. student)
  - *Summer 2008*: Nest Searching Field Work (for project that became my M.S.)
- Undergraduate (2004-2008)
  - *2008*: Teaching Assistant, Introduction to Astronomy Lab, Virginia Tech
    - Course available to all majors
    - Lab: 1 credit
    - Led 2 sections
  - *2008*: Research Experience, Dr. Alexey Onufriev
    - Bioinformatics
    - siRNA computational modeling, investigating folding probabilities
    - Linux command line
    - Local computer clusters
    - Shell scripting
  - *2006-2007*: Research Experience, Dr. John Simonetti
    - Astrophysics: advanced statistical methods
    - MATLAB
    - C++

- Octave
- *Summer 2006*: Research Experience, Dr. Kyungwha Park  
Lab website: <http://www.phys.vt.edu/~kyungwha/kpark/park.html>
  - Theoretical/Computational Condensed Matter Physics
  - Electronic properties of single molecule magnets
  - JMOL
  - NRLMOL
- *2006-2008*: Prices Fork Observatory Open House Docent

## PUBLICATIONS

- **Gorzo, J.M.**, Pidgeon, A.M., Thogmartin, W., Allstadt, A., Vavrus, S., Heglund, P. and Radeloff, V. Grassland bird response to weather in the Badlands and Prairies of the U.S. *The Condor* (in press).
- Allstadt, A., Vavrus, S., Behnke, R., Cumbie-Ward, R., Pidgeon, A., Bateman, B., Heglund, P., Thogmartin, W. Albright, T., **Gorzo, J.M.**, Radeloff, V. Historical and projected future climatic variability and extreme weather for North American Breeding Bird Survey Routes. *Ecology* (in review).
- **Gorzo J.M.** 2012. (Grey Literature) Contributed “Raptors and Songbirds” in “Information Synthesis on Resources of the South Atlantic Bight,” a management report to U.S. Department of the Interior by P.G.R. Jodice and J. Tavano.

## PRESENTATIONS

- **Gorzo, J.M.**, Pidgeon, A.M., Thogmartin, W., Allstadt, A. and Radeloff, V. Grassland bird response to weather in the badlands and prairies. Meeting of the American Ornithologists’ Union/Cooper Society, Norman, Oklahoma. August 2015.
- **Gorzo, J.M.** and Jodice, P.G.R. The breeding bird community of coastal golf courses in Beaufort County, South Carolina.
  - Poster presented at the 129th Stated Meeting of the American Ornithologists’ Union, Jacksonville, Florida. July 2011.
  - Poster presented at the Meeting of the Wilson Society/Cooper Society/Association of Field Ornithologists, Kearney, Nebraska. March 2011.
- Bateman, B., **Gorzo, J.M.**, Pidgeon, A., Radeloff, V., Akcakaya, R., Flather, C., Albright, T., Vavrus, S., Thogmartin, W., and Heglund, P. Use of multiple data sources in identifying drivers of abundance in an irruptive species, the Dickcissel. Meeting of the American Ornithologists’ Union/Cooper Ornithological Society, Chicago, Illinois. August 2013.

## PUBLIC OUTREACH

- *Television Expeditions* – air date Oct 17 2010
  - Guest appearance, season 4, Episode 7
  - “The ACE Basin – A Conservation Miracle”
- *Talk radio Your Day* (Clemson) – air date Aug 30 2010
- *Camp Spring Island* – 3 day outdoor workshop for ages 6-10 (Summer 2008-2009)

- *Invited Talk*: “Physics of the Solar System” – Elderhostel, Astronomy (Fall 2007)
  - Mountain Lake, VA
  - Night sky workshop
  - General astronomy question & answer session
- *Tutor*: Virginia Tech Athletic Department volunteer (Spring 2006)

### **AWARDS AND HONORS**

- 2015 Travel Award, American Ornithologist's Union/Cooper Ornithological Society Conference
- 2013-2015 Elected Graduate Student Representative, Forestry and Wildlife Ecology Department, University of Wisconsin-Madison
- 2010-2011 Elected Graduate Student Event Coordinator, College of Agriculture, Forestry and Life Sciences, Clemson University
- 2011 Member, Phi Kappa Phi Honor Society
- 2011 Outstanding Service to the Clemson Experimental Forest
- Dean's List (undergraduate)

### **CERTIFICATIONS**

Hunter's Safety Certificate, Conservation Leaders of Tomorrow Workshop GA 2010  
Coffee College, Virginia Tech

### **PROFESSIONAL SOCIETIES**

American Ornithologists' Union  
Cooper Ornithological Society  
Society for Conservation Biology

### **GENERAL INTERESTS**

Conservation Biology  
Ornithology  
Climate Change

### **SYNERGISTIC ACTIVITIES**

- 2013-2015 Graduate Representative, Departmental Space Committee
- 2014-2015 State Coordinator, Rusty Blackbird Spring Migration Blitz
- 2010-2011 Social Coordinator, Natural Resources Graduate Student Association
- 2006-2008 Astronomy Club President
- 2006-2007 Webmaster, Society of Physics Students