

KATIE J. STUMPF

CURRICULUM VITAE

Georgia College & State University
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EDUCATION

2011 Ph.D. Biology, Northern Arizona University
2007 MS Biology, Northern Arizona University
2001 BS in Zoology and Conservation Biology, University of Wisconsin – Madison

APPOINTMENTS and COURSES TAUGHT

2017 – Assistant Professor of Biology; Georgia College & State University
Field Ornithology
Biodiversity
Comparative Anatomy
Ornithology

2011 – 2016 Assistant Professor of Biology; Northland College
Concepts of Biology
Animal Behavior
Ecology
Wildlife Ecology and Management
Directed study: Ornithology
Field Ornithology
Vertebrate Physiology
Biology of Food and Agriculture
Conservation Biology
Ecological Restoration
Birds of the World (travel course)
Directed study: Conservation genetics, Ornithology
Independent Research/Senior Capstone

2015 – 2016 Visiting Assistant Professor of Environmental Sciences; Dickinson College
Agroecology
Introduction to Environmental Studies

PUBLICATIONS

Peer-reviewed

- Stumpf, K.J., T.C. Theimer, M.A. McLeod, T.J. Koronkeiwicz. 2014. Disparity in Population Structuring of Southwestern Willow Flycatchers bases on geographic distance, movement patterns, and genetic analyses. *Journal of Experimental Zoology*. 321A:577-585.
- Stumpf, K.J. 2012. Landscape scale features predict predation and parasitism on passerine nests: A literature review. Pp. 133-146, In: *The Colorado Plateau V: Research, environmental planning, and management for collaborative conservation*. (van Riper, C., III, M. L. Villarreal, C. J. van Riper, and M. J. Johnson, Eds). University of Arizona Press, Tucson, AZ. 343 pp.
- Stumpf, K.J., T.C. Theimer, M.A. McLeod, T.J. Koronkeiwicz. 2012. Distance from riparian edge reduces brood parasitism of southwestern willow flycatchers, whereas parasitism increases nest predation risk. *The Journal of Wildlife Management*, 76: 269–277.
- Klein, A., P. Hart, K. Stumpf, E. Tweed, C. Henneman, C. Spiegel, J. LeBrun, K. McClure, B. Woodworth. 2003. Nests of 'Amakihi near sea-level on Hawai'i Island. *'Elepaio: Journal of the Hawaii Audubon Society*. 63:67-68.

Technical Reports

- Stumpf, K.J. 2014. Avian Presence on Bioenergy Crop Production Lands. Report submitted to Wisconsin Department of Energy, Madison, WI.
- Stumpf, K.J. 2013. Wildlife Habitat Use of Bioenergy Crop Production Lands. Report submitted to Wisconsin Department of Energy, Madison, WI.
- Theimer, T. C., K. J. Stumpf, M. A. McLeod, T. J. Koronkeiwicz. 2008. Real and artificial nest predation along the lower Colorado River, 2008. Annual report submitted to U.S. Bureau of Reclamation, Boulder City, Nevada by NAU Department of Biology and SWCA Environmental Consultants, Flagstaff, AZ 25 pp.

Books

- Anich, N., P. Anich, K. Stumpf, and D. Verch. 2014. *Chequamegon Bay Birds* (4th Ed). <https://chequamegonbaybirds.wordpress.com/>

Published reviews

- 2013 Reviewed *Seed Swap* for *Journal of Sustainable Education*
- 2013 Reviewed *Seeds of Sustainability* for *Natural Areas journal*
- 2012 Reviewed *Ecology: Global Insights & Investigations 2e*; Peter Stiling

GRANTS and FELLOWSHIPS

- 2016 Faculty Travel award (\$700)
- 2016 Ecoleague Faculty Development grant (\$4250)
- 2016 Faculty Travel award (\$800)
- 2016 Instrumentl Research award (crowdfunding; \$250)
- 2015 Presidents' Pedagogy Initiative grant (\$500)
- 2015 Center for Sustainability Curriculum Development award (\$2000)
- 2015 Faculty Travel award (\$1200)
- 2015 Sustainability grant (\$7500)

2014 Faculty Development grant (\$250)
2014 Title III Technology grant (\$1000)
2014 Faculty Travel award (\$500)
2014 Title III Technology grant (\$1000)
2012 Faculty Travel award (\$700)
2014 Great Lakes Innovative Stewardship through Education Network (\$5500)
2013 Wisconsin Focus on Energy (renewal; \$2,000)
2012 Faculty Travel award (\$900)
2012 Wisconsin Focus on Energy grant (\$8,000)
2011 Faculty Travel award (\$1200)
2010 National Science Foundation GK-12 Biotech fellowship (\$30,000)
2009 National Science Foundation GK-12 Biotech fellowship (\$30,000)
2009 Ariel Appleton Research fellowship (\$2000)
2008 National Science Foundation IGERT fellowship (\$35,000)
2008 T&E Conservation scholarship (\$2,000)
2008 Ariel Appleton Research fellowship (\$2000)
2008 National Science Foundation IGERT Undergraduate Research award (\$3,600)
2007 National Science Foundation IGERT fellowship (\$35,000)

PRESENTATIONS

Stumpf, K.J., T.C. Theimer, M.A. McLeod, T.J. Koronkeiwicz. 2013. Cowbird parasitism does not decrease lifetime fecundity of Southwestern Willow Flycatchers. Poster at: The Wildlife Society National Conference, Milwaukee, Wisconsin.

Stumpf, K.J., T.C. Theimer, M.A. McLeod, T.J. Koronkeiwicz. 2012. Population Structuring of Southwestern Willow Flycatchers using movement and genetic analyses. Presented at: North American Ornithological Conference, Vancouver, BC, Canada.

Stumpf, K.J. 2009. Predicting parasitism and predation for Southwestern riparian passerines: A literature review. Presented at: Biennial Conference of Research on the Colorado Plateau, Flagstaff, Arizona.

Stumpf, K.J., T.C. Theimer, M.A. McLeod, T.J. Koronkeiwicz. 2009. The influence of habitat on predation and parasitism of the Southwestern Willow Flycatcher. Presented at: The Cooper Society, Tucson, Arizona

Stumpf, K.J., T.C. Theimer, M.A. McLeod, T.J. Koronkeiwicz. 2007. Implications of microclimate on nest predation of the Southwestern Willow Flycatcher. Presented at: Biennial Conference of Research on the Colorado Plateau, Flagstaff, Arizona.

Stumpf, K.J., T.C. Theimer, M.A. McLeod, T.J. Koronkeiwicz. 2007. Habitat structure and microclimate of Southwestern Willow Flycatcher nests. Presented at: The Wildlife Society, Albuquerque, New Mexico.

Stumpf, K.J., T.C. Theimer, M.A. McLeod, T.J. Koronkeiwicz. 2007. Effects of habitat structure and microclimate on Southwestern Willow Flycatcher. Presented at: Lower Colorado River Terrestrial and Riparian Biology Meeting, Laughlin, Nevada.

Student presentations and posters

- Baumgarten, C. and Stumpf K.J. 2015. Avian abundance and diversity in pre- and post-restoration wetlands. Presented at: Northland College Honors Symposium.
- Mohlman, J. and K.J. Stumpf. 2015. Avian presence in agricultural fields in Northern Wisconsin. Presented at: Northland College Honors Symposium.
- Muise, S.M. and K.J. Stumpf 2014. Tamarisk as a nesting substrate for Southwestern Willow Flycatchers. Presented at: American Indian Science and Engineering Society, Orland, Florida and The Wildlife Society conference; Las Cruces, NM. Poster at: Northland College Honor Symposium.
- Jukkala, G., K.J. Stumpf, and W. Piper. 2013. Intensity of Common Loon nest defense is strongest when chicks are young. Presented at: The Wildlife Society – Wisconsin Chapter, Wisconsin Dells, Wisconsin. Poster at: Northland College Honors Symposium.
- Dorr, S. and K.J. Stumpf. 2009. Temperature affects nest attendance in the Arizona Bell's Vireo. Poster presented at: The Wildlife Society Conference, Prescott, Arizona.

ADDITIONAL TEACHING EXPERIENCE

- 2005 – 2007 Teaching assistant; Northern Arizona University
Introduction to Biology
Parasitology
Invertebrate Zoology
- 2010 – 2011 Assistant teacher, Flagstaff Arts and Leadership Academy
Advanced Placement Environmental Science
- 2009 – 2010 Assistant teacher, Mount Elden Middle School
8th grade life science

RESEARCH EXPERIENCE

- 2003 – 2007 Field Supervisor, SWCA Environmental Consultants, Flagstaff, Arizona
- 2004 Research Technician, University of Georgia - Athens, Georgia
- 2004 Research Assistant, Smithsonian Tropical Research Institute, Gamboa, Panama
- 2003 Biological Science Technician National Wildlife Health Center - Madison
- 2002 – 2003 Ornithological Assistant, University of Hawaii, Volcano, Hawaii

UNIVERSITY SERVICE

- 2016 – 2017 Search committee for tenure-track assistant professor of Outdoor Education
- 2014 – 2015 Faculty representative on Academic Council
- 2014 – 2015 Faculty representative on Undergraduate Research Funding committee
- 2014 – 2015 Faculty representative on Athletics Advisory committee
- 2014 – 2015 Biology program coordinator
- 2014 – 2015 Student teacher evaluator for Northland College Department of Education
- 2013 – 2014 Vice President of Faculty Council
- 2013 – 2014 Biology program coordinator

2013 – 2014 Student teacher evaluator for Northland College Department of Education
2013 – 2014 Search committee for tenure-track assistant professor of Teacher Education
2012 – 2013 Vice President of Faculty Council
2012 – 2013 Student teacher evaluator for Northland College Department of Education
2011 – 2012 Faculty representative on Environmental Council Committee

PROFESSIONAL DEVELOPMENT and COMMUNITY OUTREACH

2016 Midwest Migratory Bird conference (Milwaukee, WI)
2015 Ecological Society of America conference (Baltimore, MA)
2014 Flipped Class online workshop
2014 The Wildlife Society conference (Duluth, MN)
2014 Led workshop “Beginning Birding by Ear” at Chequamegon Bay Birding Festival
2013 The Wildlife Society Conference (Wisconsin Rapids, WI)
2013 Led workshop “Beginning Birding by Ear” at Chequamegon Bay Birding Festival
2012 The Wildlife Society conference (Milwaukee, WI)
2012 Developed and planned teaching circle
2012 International Conference American Ornithologists’ Union conference (BC, Canada)
2012 Led workshop “Beginning Birding by Ear” at Chequamegon Bay Birding Festival

PROFESSIONAL SKILLS

Field skills: Mist-netting, banding, nest-searching, point counts, small mammal trapping
Laboratory: DNA extraction, PCR, Sequencing
Computer: Proficient in R, JMP, Office, GeneMapper

PROFESSIONAL AFFILIATIONS

American Ornithologists’ Union
The Wildlife Society
Ecological Society of America