

Andrew Z. Ontano

University of Wisconsin – Madison
Department of Integrative Biology
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Education

- MS San Francisco State University, Ecology, Evolution, & Conservation Biology
Thesis: “Disentangling the cophylogeny of Quill Mites
with their avian hosts” July 2016
- BS San Francisco State University May 2013

Appointments

- 2016-present PhD student, University of Wisconsin, Department of Integrative
Biology
- 2014-2016 Post-graduate (MS) student, San Francisco State University, Ecology,
Evolution, & Conservation Biology
- 2009-2013 Undergraduate research assistant, San Francisco State University,
Department of Biology

Publications

Peer-Reviewed

Rutherford, E.M., **Ontano, A.Z.**, Kantor, C. and Routman, E.J. (2019) “Genetic variation across trophic levels: A test of the correlation between population size and genetic diversity in sympatric desert lizards”. *PloS one*, 14(12).

Santibáñez-López, C.E., **Ontano A.Z.**, Harvey M.S., Sharma, P.P. (2018) “Transcriptomic analysis of pseudoscorpion venom reveals a unique cocktail dominated by enzymes and protease inhibitors”. *Toxins*.

In Review

Ontano, A.Z., Gainett, G., Aharon, S., Ballesteros, J.A., Benavides, L.R., Corbett, K.F., GavishRegev, E., Harvey, M.S., Monsma, S., Santibáñez-López, C.E., Setton, E.V.W., Zehms, J.T., Zeh, J.A., Zeh, D.W., Sharma, P.P. (in review) Taxonomic sampling and rare genomic changes overcome long-branch attraction in the phylogenetic placement of pseudoscorpions.

Teaching Experience

2019-2020 ZOO 102 Animal Biology Laboratory, University of Wisconsin-Madison
2017-2019 ZOO 300/301 Invertebrate Biology & Evolution, University of Wisconsin-Madison
2015-2016 BIOL 478 Ornithology, San Francisco State University
2015 BIOL 461 Insect Taxonomy, San Francisco State University
2014-2015 BIOL 318 Our Endangered Earth, San Francisco State University
2014 BIOL 815 Advanced Phylogenetic Analysis, San Francisco State University

Fellowships and Honors

Fellowships and grants

2019,2020 Graduate Summer Research Award (GSRA)
2019 John Jefferson Davis (JJD) Travel Award
2015 Instructionally Related Activities (IRA) Research Grant

Presentations

Conference Presentations

2020 Society for Integrative and Comparative Biology, Austin, Texas
2019 21st International Congress of Arachnology, Canterbury, New Zealand

Synergistic activities

2017 Treasurer for Graduate Student Informal Seminar (GSIS) in Integrative Biology