

Zofia Adelajda (Ada) Kaliszewska

Department of Biology,
University of Washington,
Box 351800,
Seattle, WA 98105

Tel: 617-453-8079
zakalisz@uw.edu

Academic positions and Education:

University of Utah Honors Biological Chemistry Major, Math Minor Salt Lake City, UT Honors Thesis: Population histories of right whales inferred from mitochondrial sequence diversities and divergences of their whale lice. Advisor: Jon Seger	B.S. 2002
Harvard University, Organismic and Evolutionary Biology Cambridge, MA Thesis: Evolution of parasitism in the Lycaenidae (Lepidoptera) Advisor: Naomi Pierce	Ph.D. 2015
University of Washington, Department of Biology, Postdoctoral Fellow Seattle, WA Project: Chance or necessity? Adaptive vs. non adaptive evolution in plant-frugivore interactions Advisors: Sharlene Santana and Jeff Riffell	2015-present

Fellowships:

2010-2011 Knox Travelling Fellowship
2005-2009 (Stipend started Sept 2006) NSF Graduate Research Fellowship Program Award
2004-2006 Genetics Training Grant

Grants:

2010 Putnam Expedition Grant: Lycaenid Life History Evolution in South Africa
2008 Putnam Expedition Grant: Diversification of *Chrysoritis* and *Thestor* butterflies
2007 Putnam Expedition Grant: Species Interactions and Diversification of *Thestor* butterflies
and *Anoplolepis custodiens* ants

Teaching:

1. Instructor for GSC6 (Con Men, Neuroscience and Magic: how the world of illusion can inform our understanding of human perception) Winter, 2014, 2015
2. Instructor for GSC5 (Magic and Scientific Thinking: how insights from magicians can broaden our thinking about problems/questions in the sciences) Winter, 2012
3. Teaching Fellow for OEB57 (Animal Behavior) Spring, 2010
4. Teaching Fellow for BS50 (Genetics and Genomics) Fall, 2005
5. Grader for LS1b (Genetics, Genomics and Evolution) Spring 2006, 2012 - 2015
6. Grader for LS1a (Chemistry, Molecular Biology and Cell Biology) Fall 2012 – 2014
7. Tutor for High School Physics Spring 2011

Publications:

1. Kaliszewska, Z.A., Lohman, D.N., Sommer, K., Adelson, G., Rand, D., Mathew, J., Talavera, G., Pierce, N.E. (2015) When caterpillars attack: biogeography and life history evolution of the Miletinae (Lepidoptera: Lycaenidae). *Evolution*. Vol 69(3), 571-588.

2. Boyle, J.H., Kaliszewska, Z.A., Espeland, M., Suderman, T.R., Fleming, J.E., Heath, A., and Pierce, N.E. (2014) Phylogeny of the Aphnaeinae: myrmecophilous African butterflies with carnivorous and herbivorous life histories. *Systematic Entomology*. Vol 40, No 1.
3. Heath, A. and Kaliszewska, Z.A. (2012). Further life history observations in the myrmecophilous genus *Chrysoritis* Butler, plus notes on dwarfism in reared specimens. *Metamorphosis*. Vol 23: 16-23.
4. Seger, J., Smith, W.A., Perry, J.J., Hunn, J., Kaliszewska, Z.A., La Sala, L., Pozzi, L., Rountree, V.J. and Adler, F.R. (2009). Gene Genealogies Strongly Distorted by Weakly Interfering Mutations in Constant Environments. *Genetics*. 184(2), 529-545.
5. Heath, A., McLeod, L., Kaliszewska, Z.A., Fisher, C.W.S., and Cornwall, M. (2008). Field notes including a summary of trophic and ant-associations for the butterfly genera *Chrysoritis* Butler, *Aloeides* Hübner and *Thestor* Hübner (Lepidoptera: Lycaenidae) from South Africa. *Metamorphosis*. Vol 19, No 3. pg 127-148.
6. Kaliszewska, Z.A., Seger, J., Rountree, V.J., Barco, S.G., Benegas, R., Best, P.B., Brown, M.W., Brownell Jr., R.L., Carribero, A., Harcourt, R., Knowlton, A.R., Marshall-Tilas, K., Patenaude, N.J., Rivarola, M., Schaeff, C.M., Sironi, M., Smith, W.A., Yamada, T.K. (2005). Population histories of right whales (Cetacea: Eubalaena) inferred from mitochondrial sequence diversities and divergences of their whale lice (Amphipoda: Cyamus). *Molecular Ecology*. 14, 3439-3456.

Manuscripts in preparation:

1. Kaliszewska, Z.A., Heath, A., Midgley, J. and Pierce N.E. (in prep) Flying Higher Than The Rest: Life Histories of South African Lycaenids inferred from Stable Isotope Analysis.
2. Kaliszewska, Z.A. and Pierce N.E. (in prep) Extinction Risk in Predaceous Butterflies May be Driven by Population Size: A Case Study Comparing Two Species in South Africa.
3. Kaliszewska, Z.A., Heath, A., and Pierce N.E. (in prep) Phylogeny of *Chrysoritis*.
4. Kaliszewska, Z.A., Boyle, J.H., Heath, A., Mathew, J. and Pierce N.E. (in prep) Phylogeny and Life History Evolution of the Genus *Thestor* (Lepidoptera, Miletinae).
5. Naskrecki, P., Kaliszewska, Z.A., Pierce, N.E. (in prep) A phylogeny of katydids (Tettigoniidae) and the evolution of acoustic behavior.

Presentations:

1. Oral Presentation: Kaliszewska, Z.A. and Pierce, N.E. (2013). How does a Predaceous vs. a Vegetarian Life-history Affect the Evolution of Butterflies in South Africa? Or, the Hooligan vs. the Cop. *Evolution Meetings* 2013, Utah.
2. Oral Presentation: Kaliszewska, Z.A. and Pierce, N.E. (2009). Out of Africa: the Miletinae Butterfly Story. *Evolution Meetings* 2009, Idaho.
3. Oral Presentation: Kaliszewska, Z.A. and Pierce, N.E. (2008). When Caterpillars Attack: Phylogeny and Life History Evolution of the Miletinae. *Evolution Meetings* 2008, Minnesota.
4. Poster Presentation: Kaliszewska, Z.A., Seger, J., Rountree, V.J., Smith, W.A. (2005). Population histories of right whales (Cetacea; Balaenidae; Eubalaena spp.) inferred from population structures of their whale lice (Amphipoda; Cyamidae; Cyamus spp.). *European Evolution Meetings (ESEB)*, Krakow , Poland.
5. Oral Presentation: Kaliszewska, Z.A. (2004). Whale Lice. Cambridge Entomological Club

Synergistic Activities:

1. Taught a workshop titled Out of Africa: Animals Big and Small for 1st Graders at the Orchard Gardens Pilot School. Spring 2013 and Spring 2014.
2. Judged student projects at the Boston Latin Academy Science Fair 2013.
3. Organized the Butterfly Exhibit at the Harvard Museum of Natural History Bugfest. 2009.
4. Organized airport transportation for 2009 Mutualism Conference at Harvard.

5. Organized the 2006 Genetics Training Grant Symposium at Harvard. Conflict and Cooperation: The Evolution of Social Systems.

Other Interests:

1. Photography –
-My photograph of Oropendola birds and nests was exhibited at the 2009 Bird and Nest exhibit at the Harvard Museum of Natural History
-see <http://www.adakaliszewska.com/#!photography/c1han>
2. Hiking and Climbing – Three highest summits:
-King's Peak (Utah) 13,328 ft
-Mount Whitney (California) 14,491 ft
-Mount Kilimanjaro (Tanzania) 19,340 ft
3. Biking – summer of 2006 I biked 3700 miles (from Florida to California) with a group called Bike and Build
4. Running –
-May 2009 finished the KeyBank Vermont City Marathon in 5 hours and 9 minutes
-September 2013 finished the Hyannis Sprint II Triathlon in 1 hour and 31 minutes
5. Dudley House Intramural Crew - Rowed in the Women's B boat in 2007 and in the Women's A boat in 2008

Languages:

Polish, English and Spanish