

KIERAN SAMUK

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CURRENT POSITION

2016 Duke University
Postdoc Mentor: Dr. Mohamed Noor
 Project: *Adaptive evolution of recombination rate in Drosophila pseudoobscura*

EDUCATION

2016 University of British Columbia
PhD Advisor: Dr. Dolph Schluter
 Thesis: *The genomics of adaptation and speciation in threespine stickleback*

2011 University of British Columbia
MSc Advisor: Dr. Leticia Avilés
 Thesis: *Sociality in cobweb spiders: evolutionary consequences and the role of pre-existing traits*

2008 University of Toronto
BSc Honors Advisor: Dr. James Thomson
 Thesis: *The ontogeny of social networks and division of labour in bumble bee colonies.*

PUBLICATIONS

- 2016 **Samuk, K.** 2016. Perspective: Inversions and the origin of behavioral differences in cod. *Molecular Ecology*. 25(10):2111-3.
- 2016 Miller, S.E., **Samuk, K.**, and Rennison, D. 2016. An experimental test of the effect of predation upon behaviour and trait correlations in the threespine stickleback. *Biological Journal of the Linnean Society*. 119(1): 117-125.
- 2014 **Samuk, K.**, Iritani, D. and Schluter, D. 2014. Reversed brain size sexual dimorphism accompanies loss of parental care in white sticklebacks. *Ecology and Evolution*. 4(16): 32363243.
- 2013 **Samuk, K.** and Avilés, L. 2013. Indiscriminate care of offspring predates the evolution of sociality in alloparenting social spiders. *Behavioral Ecology and Sociobiology*. 67(8): 1275-1284.
- 2011 **Samuk, K.**, LeDue, E.E., and Avilés, L. 2011. Sister clade comparisons reveal reduced maternal care behavior in social cobweb spiders (*Anelosimus* spp.). *Behavioral Ecology*. 23(1):35-43.

SCHOLARSHIPS & AWARDS

2016	SSE Hamilton Symposium Travel Award
2015	Society for Integrative and Comparative Biology Research Award
2014	University of British Columbia Four Year Fellowship
2011	NSERC Canada Graduate Scholarship
2010	Royal Society Publishing prize for Best Poster at IUSSI
2009	NSERC Alexander Graham Bell Canada Graduate Scholarship
2008	NSERC Undergraduate Research Award
2008	Dr. James A. and Connie P. Dixon Award

CONFERENCE CONTRIBUTIONS

2016	Clustering of adaptive alleles is favored by gene flow in a globally distributed species Talk · <i>Evolution</i>
2015	Selection with gene flow favours reduced recombination in adaptive genomic regions in global stickleback populations Talk · <i>Evolution</i>
2013	Genomic signatures of reproductive isolation in the white stickleback. Poster · <i>European Society for Evolution Biology</i>
2010	The origin and consequences of cooperative breeding in social cobweb spiders. Talk · <i>EcoEvo Retreat</i>
2010	The origin of alloparental care in social cobweb spiders. Poster · <i>International Union for the Study of Social Insects</i>
2009	The Evolution of Alloparental Care in Social Comb-Footed Spiders. Talk · <i>EcoEvo Retreat</i>
2008	Bumble Bee Social Networks Correlate with Division of Labour. Poster · <i>Canadian Society for Evolution and Ecology</i>
2008	Horizontal Transmission of a Parasitic Mite in Bumble Bee Colonies. Poster · <i>University of Toronto USRA Research Fair</i>

TEACHING ASSISTANTSHIPS

2016	Biostatistics
2015	Data Wrangling, Exploration, and Analysis with R
2014	Evolutionary Ecology
2011	Fundamentals of Evolutionary Biology
2010	Introduction to Entomology

2010 Animal Behaviour

2009 Animal Behaviour

2008 Introduction to Saltwater Ecosystems