

SEVAN S. SUNI

SSSUNI@EMAIL.ARIZONA.EDU • (734) 646-5425

CURRENT APPOINTMENT

NIH Postdoctoral Fellow – since 2009

Center for Insect Science, Arizona Research Labs, University of Arizona, Tucson AZ

Adviser: Judie Bronstein, Department of Ecology and Evolutionary Biology, University of Arizona

EDUCATION

2009 **Ph.D. Department of Biology, Stanford University, Stanford CA**

Dissertation: Genetics and population dynamics of dependent-lineage populations of harvester ants. Adviser: Deborah Gordon. Additional committee members: Marcus Feldman, Dimitri Petrov, Elizabeth Hadly, Shripad Tuljapurkar.

2004 **B.A. Department of Biology, Colorado College, Colorado Springs CO,**

Honors Thesis: Conservation genetics of the rare plant *Mimulus Gommiparus*.

HONORS AND AWARDS

2008, 2009	Morrison Institute, Stanford University
2008	Armenian International Women's Association
2008	Society for the Study of Evolution, travel award
2008	BioX travel award, Stanford University
2006, 2007, 2008	Theodore Roosevelt Memorial Grant, American Museum of Natural History
2006	Teaching Award, Stanford University
2005, 2006	Center for Evolutionary Studies, Stanford University
2004	Horace H Work Music Scholarship
2004	Max Lanner Prize for Excellence in Instrumental Music
2004	Myrtle Bridges Award in Music
2003	Award for Women in Science, Tashjian-Crecelious Foundation
2002	Howard Hugues Medical Research Institute
2001	Alpha Lambda Delta Honor Society, Colorado College

TEACHING EXPERIENCE

Adjunct Professor, Pima Community College, Tucson AZ

2011 BIO 156: Introductory Biology (Cellular and Molecular Principles)

Graduate Teaching Assistant, Stanford University, Stanford CA

2007 GES 147: Controlling Climate Change in the 21st Century

2006 BIOSCI 101: Ecology

2005 BIOSCI 43: Plant Biology, Ecology and Evolution

Teaching Assistant, Colorado College

2003

BY 107: Introduction to Microbiology

PUBLICATIONS

Suni, S.S., and Eldakar, O.T. 2011. High mating frequency and variation with lineage ratio in dependent-lineage harvester ants. *Insectes Sociaux* DOI: 10.1007/s00040-011-0150-5.

Souza, R.O., Del Lama, M.A., Cervini, M., Mortari, N., Eltz, T., Zimmermann, Y., Bach, C., Brosi, B.J., Suni, S.S., Quezada-Euán, J.G., and Paxton R.J. 2010. Conservation genetics of neotropical pollinators revisited: microsatellite analysis suggests that diploid males are rare in orchid bees. *Evolution* DOI: 10.1111/j.1558-5646.2010.01052.x

Suni, S.S., and Gordon, D.M. 2009. Fine-scale genetic structure and dispersal distance in the harvester ant *Pogonomyrmex barbatus*. *Heredity* 104: 168-173

Schwander, T.S., Cahan, S.H., Suni, S.S., and Keller, L. 2008. Mechanisms of reproductive isolation between an ant species of hybrid origin and its parents. *Evolution* 62: 1635-1643.

Suni, S.S., Gignoux, C., and Gordon, D.M. 2007. Male parentage in dependent-lineage populations of the harvester ant *Pogonomyrmex barbatus*, *Molecular Ecology* 16: 5149-5155.

Suni, S.S., and Akcay, E. Long-term persistence of asymmetrical lineage frequencies in dependent-lineage harvester ants. *In review*.

Suni, S.S., and Brosi B.J. Landscape genetics of orchid bees in a fragmented tropical landscape. *In review*.

MANUSCRIPTS REFEREED FOR

Molecular Ecology (3)
Methods in Ecology and Evolution (1)
Functional Ecology (1)
Environmental Entomology (1)
European Journal of Entomology (1)
Biological Journal of the Linnean Society (1)
Journal of Applied Entomology (1)
Chinese Journal of Oceanology and Limnology (1)

INVITED TALKS

2011 The Colorado College, Colorado Springs CO: Plenary talk for “Biology Day”

2009 University of Arizona, Tucson AZ: Center for Insect Science, Arizona Research Labs

2008 Lindblad Expeditions: Aboard the National Geographic Endeavour

2008 University of Lausanne, Switzerland: Department of Ecology and Evolutionary Biology

PROFESSIONAL TRAINING

- 2010 The Bee Course:** American Museum of Natural History, The Southwestern Research Station, Portal AZ
- 2009 Recent Advances In Conservation Genetics course:** National Cancer Institute, Smithsonian Research Station, Panama
- 2006 Conservation genetics data analysis course:** Center for Investigation of Biodiversity and Genetic Resources, Porto Portugal

PROFESSIONAL SERVICE

- 2008 Graduate Student Council, Stanford University:** Diversity Advocacy Committee
- 2007 Board of Trustees, Stanford University:** Development Committee, Graduate Student Representative
- 2005-2007 Department of Biology, Stanford University:** Seminar Series Coordinator
- 2004-2005 Department of Biology, Stanford University:** Admissions Committee

OUTREACH

- 2009 Students mentored, Stanford University, Stanford CA**
Doan Lam Tran, Marina Kyutyavina, Holly Stebbing
- 2008 Lindblad Expeditions, Seattle WA:** Scientific staff
- 2003 UN Environmental Programme, Geneva Switzerland:** Volunteer

LANGUAGES

French (advanced), Italian (conversational), Spanish (conversational), Armenian (reading & writing), Arabic (reading & writing)