Curriculum Vitae

Yoav Ram

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## Personal Information

Name

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Blog

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## Education

* **Ph.D.** 2010 - Ongoing
* Evolutionary Theory Lab, Tel-Aviv University
  + Advisor: Dr. Lilach Hadany
  + Ph.D. proposal title: *The Evolution of Stress-Induced Hypermutation: Causes and Consequences*, approved 5.2012
  + Including the completion of a **M.Sc.** as part of a direct Ph.D. program
* **B.Sc.** 2007-2010
* Life-Sciences and Mathematics, *Cum laude*, Tel-Aviv University

## Publications

* **Ram, Y.** and Hadany, L. (2012) The evolution of stress-induced hypermutation in asexual populations. *Evolution*, 66: 2315-2328. DOI: [10.1111/j.1558-5646.2012.01576.x](http://onlinelibrary.wiley.com/doi/10.1111/j.1558-5646.2012.01576.x/abstract)
* Gueijman, A., Ayali, A., **Ram, Y.**, and Hadany, L. Dispersing away from bad environments: The evolution of fitness-associated dispersal (FAD) in homogeneous environments. *Submitted*.
* Geffen, E., Hadany, L., **Ram, Y.**, and Gafny, S. Genetic diversity in edge populations: A complementary view. *Submitted*.

## Non-Academic Publications

* Even-Tov, E., Obolski, U., Gueijman, A., **Ram, Y.**, Hadany, L. (2010) The Evolutionary Riddle of Sexual Reproduction. *Galileo, an Israeli journal for popular science*: June, 32-41

## Presentations

2013

**The role of stress-induced mutation in the emergence of complex adaptations** - Oral presentation at the *5th Anual SIDEER Graduate Symposium*, Ben-Gurion University of the Negev, Sede-Boqer Campus, March 20.

2012

**Evolutionary Causes and Consequences of Stress-Induced Hypermutation** - Oral presentation at *The 1st Graduate Students’ Conference in Genetics, Genomics and Evolution*, Ben-Gurion University of the Negev, September 23. DOI: [10.6084/m9.figshare.96049](http://dx.doi.org/10.6084/m9.figshare.96049)

2012

Seminar presentation at the Pilpel Lab at the Weizmann Institute of Science, June

**The Evolution of Stress-Induced Mutagenesis in Finite and Infinite Populations** - Oral presentation at *PopGroup 45* in Nottingham, UK, January. DOI: [10.6084/m9.figshare.95939](http://dx.doi.org/10.6084/m9.figshare.96049)

2011

Seminar presentation at the Eldar Lab at Tel-Aviv University, December

Seminar presentation at the Department of Molecular Biology and Plants M.Sc. Seminar at Tel-Aviv University, November

**Rise and Fall of Mutator Bacteria** - Seminar presentation at the *BioMath Student Journal Club*, Tel-Aviv University, May. DOI: [10.6084/m9.figshare.95940](http://dx.doi.org/10.6084/m9.figshare.95940)

Poster at *ESEB 2011* in Tubingen, Germany, August. See: [F1000 Posters 2011, 2: 1484](http://f1000.com/posters/browse/summary/2211)

2010

**The Evolution of Stress-Induced Hypermutation** - Poster at *SMBE 2010* in Lyon, France, July

**The Evolution of Stress-Induced Hypermutation** - Poster at *MMSB 2010* in Tel-Aviv, Israel – won the *Best poster award*

## Awards

2012

Research achievements scholarship by the Life-Science faculty, Tel-Aviv University

Registration and accommodation waiver (sponsored by Cambridge University Press) for *PopGroup45*, Nottingham, UK

Crowd-funded travel expanses for *PopGroup 45* via [The #SciFund Challenge](http://scifundchallenge.org/)

2011

SSE International Travel Award to *ESEB 2011*, Tubingen, Germany

2010

Direct Ph.D. scholarship by the Department of Molecular Biology and Ecology of Plants, Tel-Aviv University, 2010-2015

Undergraduate Diversity Mentoring Program award at *SMBE 2010*, Lyon, France

Best poster award at *MMSB 2010*, Tel-Aviv

2009

The *Amos de-Shalit* Ulpana for excellent students in Life-Sciences at the Weizmann Institute of Science

## Peer-Reviews

2012

Proceeding of the Royal Society B

2011

Integrative Zoology

## Teaching

Spring 2013

Extended Introduction to Computer Science (0368-1105, TA)

Fall 2012

Python Programming for Engineers (0509-1820, TA)

Spring 2012

Evolution (0455-2536, TA)

Fall 2011

Python Programming for Engineers (0509-1821, TA)

2011 - Ongoing

Co-organizing the [BioMath Student Journal Club](http://biomathsjctau.wordpress.com/) at Tel-Aviv University

## Conferences

2013

*The 5th Annual SIDEER Graduate Symposium - The Emergence of Design in Nature*, Ben-Gurion University of the Negev, Sede-Boqer Campus

2012

*The 1st Graduate Students’ Conference in Genetics, Genomics and Evolution*, Ben-Gurion University of the Negev

*The 45th Population Genetics Group* meeting, Nottingham, UK

2011

*The 13th Congress of the European Society for Evolutionary Biology* (ESEB) in Tubingen, Germany

2010

*Learning, Decision Making and Evolutionary Theory: Can We Bridge the Gap?* in Kfar-Blum, Israel,

*Theoretical Models in Ecology, Evolution and Behavior: Recent Advances and Conceptual Issues* at the Hebrew University in Jerusalem, Israel

*The annual meeting of the Society for Molecular Biology and Evolution* (SMBE) in Lyon, France

*Mathematical Methods in Systems Biology* at Tel-Aviv University, Israel

2009

*From Darwin to Evo-Devo Symposium* at the Technion in Haifa, Israel

*Evolution in Jerusalem: A Workshop in Celebration of Darwin’s ‘The Origin of Species’* at the Hebrew in Jerusalem, Israel