

# Matan Sorek- Curriculum Vitae

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Email: matan.sorek at mail.huji.ac.il

## EDUCATION

**2009-to date, PhD candidate (in the direct track) in Brain Research:  
Computation and Information Processing**

**Edmond and Lily Safra Center for Brain Sciences (ELSC)**

**The Hebrew University**

- PhD thesis supervisor: Prof. Eran Meshorer, Department of Genetics, The Silberman Institute for Life Sciences and ELSC

**2006-2009, B.Sc. in Computer Science and Computational Biology and  
Amirim program (Summa Cum Laude)**

**The Hebrew University**

## PROFESSIONAL EXPERIENCE

- **2013-date:** Teaching Assistant in the course Neural Networks I, *The Hebrew University, The Edmond and Lily Safra Center for Brain Sciences*
- **2012-2013:** Teaching Assistant in the course Fundamentals of Probability and Statistical Analysis, *The Hebrew University, Department of Genetics*
- **2011:** Conference Organizer, "The Future of Brain Research", with Eva Kelman  
<http://elsc.huji.ac.il/future-brain>
- **2007-2012:** National Institute for Testing and Evaluation (NITE) – writing and proofreading of the quantitative part of the Israeli Psychometric exam

## AWARDS AND HONORS

- **2014:** Best Paper Award Second Prize, ELSC, The Hebrew University
- **2013-date:** The Harry and Sylvia Hoffman Leadership and Responsibility Program, The Hebrew University
- **2012:** Prize for Outstanding Academic Performance, ICNC, ELSC
- **2011:** Dean of students' Prize for social contribution to students, The Hebrew University of Jerusalem
- **2009-to date:** Alice and Jack Ormut scholarship for ICNC students
- **2007-2009:** Dean's List of Excellency, The Hebrew University of Jerusalem
- **2007:** Rector Prize, The Hebrew University of Jerusalem

- **2006-2009:** Amirim Honors Program for excellent students, The Hebrew University of Jerusalem

#### PEER-REVIEWED PAPERS

- **Sorek M**, Balaban NQ, Loewenstein Y (2013) Stochasticity, Bistability and the Wisdom of Crowds: A Model for Associative Learning in Genetic Regulatory Networks. *PLoS Comput Biol* 9(8): e1003179. doi:10.1371/journal.pcbi.1003179

#### LANGUAGES

- Hebrew - mother tongue
- English - fluent

#### MISCELLANEOUS

##### ACADEMIC ACTIVITIES

- Head Start Project – introductory brain science activity for junior high school students in Jerusalem. Under the aegis of ELSC.
- Adopt a School Program – initiating and guiding the program in which high school students from low socio-economic backgrounds learn and take part in scientific activities at the university, as part of Hoffman Program, 2013-date