
Personal Details

Date of Birth 25/04/1985
Country of Birth Israel
E-mail Doron.Zaada@mail.huji.ac.il

Higher Education

- 2018 - Present** PhD. The Hebrew University of Jerusalem, Agroecology and Plant Health. The Robert H. Smith Faculty of Agriculture, Food and Environment.
Thesis subject: An efficient genetic sex separation system for the bio-control of the Asian tiger mosquito. Advisor: Dr. P. Papathanos.
- 2014 - 2016** M.Sc. The Hebrew University of Jerusalem, Agroecology and Plant Health. The Robert H. Smith Faculty of Agriculture, Food and Environment.
Thesis subject: The infested fruit as microbial hub for the establishment and dispersal of Mediterranean fruit fly (*Ceratitis capitata*) larval associated bacteria. Advisors: Prof. E. Jurkevitch and Prof. B. Yuval.
Magna Cum laude
- 2011 - 2013** B.Sc. The Robert H. Smith Faculty of Agriculture, Food and Environment; The Hebrew University of Jerusalem, Agroecology and Plant Health.
Magna Cum laude
- 2009** First year of B.Sc in Animal Science. The Hebrew University of Jerusalem.
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Teaching Assistant Appointments

Hebrew University, Faculty of Agriculture

- 2016 (תשע"ו)*** 'Practical Apiculture for beginners'; (Department of External studies - practical course)
'Biology of the Honeybee' (71523; B.Sc.-3rd year);
'Laboratory in Entomology' (71506; B.Sc.-1st year);
'Laboratory in Entomology (Majors)' (71505; B.Sc.-1st year);
- 2015 (תשע"ה)** 'Biology of the Honeybee' (71523; B.Sc.-3rd year); TFS= 9.01 [DTR: 4/17]
'Laboratory in Entomology' (71506; B.Sc.-1st year); TFS = 9.29 [DTR: 11/71]
'Laboratory in Entomology (Majors)' (71505; B.Sc.-1st year); TFS = 9.72 [DTR: 1/71]
- 2014 (תשע"ד)** 'Laboratory in Entomology' (71506; B.Sc.-1st year); (TFS) = 9.54 [DTR 3/66].

Glossary:

TFS: Teacher Feedback Score

DTR: Department Teacher Rank

* Due to an administrative mishap, no evaluative TA survey has been conducted in 2016

Additional Functions at the University

- 2011 - present** **Hebrew University Students' Union**
Webmaster
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Experience

- 2017- 2018** **Flying Spark**, VP of Entomology R&D
- Establishing, managing and maintenance of production line for high quality fruit fly larvae as food source. Developing and implementation of sustainable and cost effective methods for fruit fly mass rearing.

2016- 2017

Zap Group, Data analyst

Web traffic and user behaviour data analyst. Google analytics specialist,
Measurement plan architect and Data miner.

Other Activity

2013 - 2016

Rina Smilansky Biblical Plants Garden

Volunteer gardening and pest management.

2010 - 2011

Tel-Aviv Sourasky Medical Center (Ichilov Hospital)

Volunteer Technician at the Hospital's clinical biochemistry lab.
Supervision: Dr. Vered.

PUBLICATIONS AND PARTICIPATION IN SCIENTIFIC CONFERENCES

Papers:

Zaada DSY, Ben-Yosef M, Yuval B, Jurkevitch E. The host fruit amplifies mutualistic interactions between *Ceratitis capitata* larvae and associated bacteria.

BMC Microbiology - in review (<https://doi.org/10.1101/327668>)

Ben-Yosef M*, **Zaada DSY***, Dudaniec RY, Pasternak Z, Jurkevitch E, Smith RJ, Causton CE, Lincango PM, Tobe SS, Mitchell JG., Kleindorfer S, Yuval B (2017). Host-specific associations affect the microbiome of *Philornis downsi*, an introduced parasite to the Galápagos Islands.

Molecular Ecology (<https://doi.org/10.1111/mec.14219>)

* - Shared first authorship

Talks:

Protein

Zaada DSY. If You Can't Beat Them - Eat'em: From Pest to Sustainable

Source. *Merck-Sigma R&D Summit*, Rehovot, Israel. July 2018.

Zaada DSY, Yuval B and Jurkevitch E. Flies, Germs and fruits: The Fates of Holobionts. *The 53rd Conference of the Zoological Society of Israel*, Rehovot, Israel. December, 2016.

Zaada DSY. *Apis florea* Invasion - Trouble Comes in Small Packages. *Beekeepers' club Spring conference*, Rehovot, Israel. April 2016

Zaada DSY. Basics in Apiculture Endocrinology. *Beekeepers' club winter conference*, Rehovot, Israel. Jan 2016.

Zaada DSY, Jurkevitch E and Yuval B. Larvae-bacteria interactions in the infested fruit. *Third Research Coordination Meeting organized by the Joint FAO/IAEA Division of Nuclear Techniques in Food and Agriculture*, Antigua, Guatemala. October, 2015.

Zaada DSY, Jurkevitch E and Yuval B. Bacterial Contribution to the Development of *Ceratitis Capitata* larvae in the host fruit. *The 34rd Conference of the Entomological Society of Israel*, Tel Aviv, Israel. October, 2015.

Zaada DSY, Jurkevitch E and Yuval B. The infested fruit as hub for the establishment and dispersal of the mediterranean fruit fly (*Ceratitis capitata*) associated bacteria. *The 33rd Conference of the Entomological Society of Israel*, Beit-dagan, Israel. October, 2014.

Posters:

Zaada DSY, Jurkevitch E and Yuval B. Horizontal Transmission of Bacteria by Medfly Larvae. Gordon Research Conference on Animal-Microbe Symbioses, Waterville Valley, New Hampshire. June, 2015.

Zaada DSY, Yuval B and Jurkevitch E. The Infested Fruit as a Hub for the Establishment and Dispersal of Bacteria Associated with the Mediterranean

Awards

2016	Second Best Lecture The 53rd Conference of the Zoological Society of Israel
2015	Best Poster The Robert H Smith faculty day contest
	Whole Organism Scholarship for excellence Ministry of Agriculture grant
	HUJI Scholarship for excellence Based on academic achievement
	Danny Brunner's Scholarship Israely fruit growers association
	Included in the Dean's list (תשע"ד) For Magister students
	Teaching assigment commendation The Department of Entomology
2014	Whole Organism Scholarship for excellence Ministry of Agriculture grant
	HUJI Scholarship for excellence Based on academic achievement
	Teaching assigment Commendation The Department of Entomology
2013	Included in the Dean's list (תשע"ב) For Bachelor students
	Teaching assigment Commendation The Department of entomology
2012	Included in the Dean's list (תשע"א) For Bachelor students

Skills

Insect Mass Rearing
R&D Management
Data Analysis and Statistics
Presenting and lecturing
Sterile Lab Practices
Critical Reading
Dipteran Taxonomy
RegEx

Work Environments

JMP-SAS
PC-ORD
HTML/CSS
SQL
Google Analytics
Photoshop

Languages

Hebrew (Native)
English (Fluent)
Greek (One sentence)