

## Funded BARD Graduate Student Fellowships, 2012 - 2017

<u>BARD Number</u>	<u>Applicant &amp; Institution</u>	<u>Host &amp; Institution</u>	<u>Proposal Title</u>
GS-21-12	Toubiana, D. Ben Gurion U	Horvath, S. UCA, Los Angeles	Deciphering amino acid regulation in tomato: a network-based approach
GS-23-13	McQuinn, R. Cornell U	Zamir, D. Hebrew U	Spatial regulation of carotenoid biosynthesis in ripening tomato fruit
GS-24-13	Apel, I. Hebrew U	Siegal, M. New York U	Functional characterization of genes predicted to control pH level in the Drosophila spermathecal secretory cells
GS-25-14	Treves, H. Hebrew U	Grossman, A.R. Carnegie Inst. of Wash	Breaking photosynthesis and growth limitations - Toward genomic and transcriptomic characterization of fastest growing alga
GS-26-14	Spicer, O. UMBC	Gothilf, Y. Tel Aviv U	Anatomical Distribution and Functional Roles of Gonadotropin-Inhibitory Hormone (GnIH) Neurons in the Zebrafish
GS-27-14	Kliot, A. Hebrew U	Cilia, M.L. Boyce Thompson	Identification of novel biomarkers that predict Tomato yellow leaf curl virus vectoring capacity in the whitefly Bemisia tabaci
GS-29-16	Fitoussi, N. ARO, Min. Ag.	Kolomiets, M.V. TX AgriLife Res	Meloidogyne javanica effector manipulation of the oxylipin profile associated with the tomato response to root-knot nematodes
GS-31-16	Buettner, Kevin U Florida	Kalman, H. Ben Gurion U	Experimental validation of a non-spherical particle scaling relationship to aid in the simulation of biomass in an anaerobic digester
GS-32-16	Engel, M. Hebrew U	Elimelech, M. Yale	Antimicrobial activity of magnetic carbon nanotubes: A new technology for polishing wastewater before reuse
GS-33-16	Larose, H. Virginia Tech	Eizenberg, H. ARO, Min. Ag.	Collaborative research in Israel: Exploring segregation patterns of germination specificity in O. cumana and O. cernua
GS-35-16	Alcalay, Y. Ben Gurion U	Severson, D. U Notre Dame	Examining G × E interaction in the innate immune responses of the Dengue vector Aedes aegypti
GS-36-16	Rosenberg, G. Weizmann Inst.	Rubinstein, S. Harvard U	Using fluorescence photoactivation localization microscopy to optimize beneficial bacterial strains for plant protection
GS-37-17	Levintal, E. Ben Gurion U	Selker, J. Oregon St. U	Evaluation of CO2 concentrations and dynamics using an Unmanned Aircraft System in an open agricultural field and a greenhouse
GS-38-17	Marvel, Miranda U MD, Baltimore	Levavi-Sivan, B. Hebrew U	Determining the upstream factors regulating the action of Gnrh2 in controlling feeding and reproductive behaviors in zebrafish (Danio rerio)
GS-40-17	Con, P. Hebrew U	Kueltz, D. UC, Davis	Development of an in-vitro research system to study peptide absorption in tilapia
GS-41-17	Abu Tayeh, H. U Haifa	Hodge, D. Michigan St. U	The effect of organosolv pretreatment for Olive mill solid waste on lignin removal and response to enzymatic hydrolysis