## Approved BARD Graduate Student Fellowships 2007 - 2026

| BARD Number | | Applicant & Institution | Host & Institution | Proposal Title |
|---|---|---|---|---|
| 60 | 2025 | H. Squire<br>UC, Berkeley | E. Fridman<br>ARO, Min. Ag. | |
| 44 | 2019 | W. Bahureksa<br>U Colorado St. | B. Chefetz<br>ARO, Min. Ag. | |
| 64 | 2025 | L.W. Strickland<br>U Michigan St. | D. Eshel<br>ARO, Min. Ag. | |
| 33 | 2016 | H. Larose<br>Virginia Tech | H. Eizenberg<br>ARO, Min. Ag. | |
| 53 | 2023 | J. Skarlupka<br>U Wisconsin | E. Jami<br>ARO, Min. Ag. | |
| 13 | 2010 | I. Marcus<br>U Drexel | M. Herzberg<br>Ben Gurion | |
| 31 | 2016 | Kevin Buettner<br>U Florida | H. Kalman<br>Ben Gurion | |
| 5 | 2007 | E. Jan Viau<br>Yale | F. Levi-Schaffer<br>U Hebrew | |
| 47 | 2021 | A. Lyons<br>UC, Berkeley | I. Braslavsky<br>U Hebrew | |
| 65 | 2025 | T. Khan<br>MIT | O. Shoseyov<br>U Hebrew | |
| 38 | 2017 | Miranda Marvel<br>U MD, Baltimore | B. Levavi-Sivan<br>U Hebrew | |
| 23 | 2013 | R. McQuinn<br>U Cornell | D. Zamir<br>U Hebrew | |
| 57 | 2025 | A. Kaz<br>U Rutgers | J. Gorelick<br>Eastern R&D Center | |
| 52 | 2023 | M. Stromberg<br>U MD, Baltimore | O. Lahav<br>Technion | |
| 26 | 2014 | O. Spicer<br>UMBC | Y. Gothilf<br>U Tel Aviv | |
| 42 | 2018 | T. Levy<br>Ben Gurion | S. Tamone<br>U Alaska | |
| 12 | 2009 | O. Bahar<br>ARO, Min. Ag. | L. De La Fuente<br>U Auburn | |

# Approved BARD Graduate Student Fellowships 2007 - 2026

| BARD Number | Applicant & Institution | Host & Institution | Proposal Title |
|---|---|---|---|
| | | | Cell penetrating peptides for delivery of protein cargoes to cereal crops |
| | | | Non-targeted screening for contaminants of emerging concern in composted Biosolids |
| | | | Investigating the regulation of StInvInh2 expression by ABA and implications for potato tuber endodormancy duration |
| | | | Collaborative research in Israel: Exploring segregation patterns of germination specificity in O. cumana and O. cernua |
| | | | Characterizing the establishment timeline of ciliate protozoa in the dairy cow rumen |
| | | | Assessing the safety of gray water for agricultural use |
| | | | Experimental validation of a non-spherical particle scaling relationship to aid in the simulation of biomass in an anaerobic digester |
| | | | Respiratory toxicity of biosolids applied to agricultural fields |
| | | | Discovery and characterization of novel ice-binding proteins in tardigrades |
| | | | Functional nanocomposites of cellulose nanocrystals and rhizomorph-derived melanins |
| | | | Determining the upstream factors regulating the action of Gnrh2 in controlling feeding and reproductive behaviors in zebrafish (Danio rerio) |
| | | | Spatial regulation of carotenoid biosynthesis in ripening tomato fruit |
| | | | Surface-Acting Extract from Aleppo Oak Galls for Effectively Preventing E. coli Contamination on Leafy Vegetables |
| | | | Analysis of novel methods for the removal of off-flavor terpenoids geosmin and 2-methylisoborneol in recirculating aquaculture systems |
| | | | Anatomical Distribution and Functional Roles of Gonadotropin-Inhibitory Hormone (GnIH) Neurons in the Zebrafish |
| | | | A fishery important protandric shrimp as a model to study the controlling mechanism behind sexual differentiation in crustaceans |
| | | | |

## Approved BARD Graduate Student Fellowships 2007 - 2026

| BARD Number | | Applicant & Institution | Host & Institution | Proposal Title |
|---|---|---|---|---|
| 55 | 2024 | G. Wodowski<br>U Haifa | T. Schlenke<br>U Arizona | |
| 1 | 2007 | E. Chiel<br>U Haifa | S Hunter<br>U Arizona | |
| 45 | 2019 | N. Netanel<br>U Haifa | S Hunter<br>U Arizona | |
| 46 | 2019 | M. Zollmann<br>U Tel Aviv | D. Zilberman<br>UC, Berkeley | |
| 25 | 2014 | H. Treves<br>U Hebrew | A.R. Grossman<br>Carnegie Inst. of | |
| 59 | 2025 | A. Awwad<br>ARO, Min. Ag. | J. Debernardi<br>UC, Davis | |
| 48 | 2021 | G. Atsmon<br>ARO, Min. Ag. | M.B. Mesgaran<br>UC, Davis | |
| 40 | 2017 | P. Con<br>ARO, Min. Ag. | D. Kueltz<br>UC, Davis | |
| 21 | 2012 | D. Toubiana<br>ARO, Min. Ag. | S. Horvath<br>UC, Los Angeles | |
| 62 | 2025 | C. Katz<br>U Hebrew | B.N. Cass<br>UC, Riverside | |
| 50 | 2022 | S. Bodenheimer<br>U Hebrew | D. Koenig<br>UC, Riverside | |
| 9 | 2007 | I. Zohar<br>Tel Hai University | A. Paytan<br>UC, Santa Cruz | |
| 49 | 2022 | N. Stein<br>Ben Gurion | M. Mauter<br>U Stanford | |
| 16 | 2011 | I. Ben-Israel<br>U Hebrew | J. Yu<br>U Iowa St. | |
| 61 | 2025 | C. Even<br>U Bar Ilan | R. Reddivari<br>U Purdue | |
| 35 | 2016 | Y. Alcalay<br>Ben Gurion | D. Severson<br>U Notre Dame | |

# Approved BARD Graduate Student Fellowships 2007 - 2026

| BARD Number | Applicant & Institution | Host & Institution | Proposal Title |
|---|---|---|---|
| Involvement of type 4 pili in twitching motility, biofilm formation and host colonization of Acidovorax avenae subsp. citrulli | | | |
| Viral symbionts of Anagyrus vladimiri (Hymenoptera: Encyrtidae) - localization and molecular-level effects | | | |
| Transmission pathways and influence of Rickettsia on the sweet-potato whitefly, Bemisia tabaci, and its natural enemies | | | |
| Bacteria-like structures on ladybird beetle (Coccinellidae elytra) | | | |
| Economic assessment of nitrogen supply to offshore macroalgae biorefineries | | | |
| Breaking photosynthesis and growth limitations - Toward genomic and transcriptomic characterization of fastest growing alga | | | |
| Fine-mapping of the barley regeneration ability (Bra1) using CRISPR/Cas9-based approach | | | |
| Hyperspectral sensing for the early detection of branched broomrape (Phelipanche aegyptiaca) on tomato | | | |
| Development of an in-vitro research system to study peptide absorption in tilapia | | | |
| Deciphering amino acid regulation in tomato: a network-based approach | | | |
| Harnessing the power of ecoinformatics and data-driven analyses to establish the significance of urban landscapes to the spatial distribution of citrus pests | | | |
| Wild plasmotype diversity for evolving and breeding abiotic stress resilience in barley | | | |
| Use of oxygen isotopic signature to track phosphate transformations in effluent irrgated soil | | | |
| The effects of effluent organic matter on Phosphate based scaling during desalination of tertiary wastewater | | | |
| Genotyping by sequencing founder lines for heterosis association mapping in sorghum diallel | | | |
| Exploring Dietary Prebiotics-Gut Microbiota Interactions in ASD Through Fermentation Model | | | |
| Examining G × E interaction in the innate immune responses of the Dengue vector Aedes aegypti | | | |

## Approved BARD Graduate Student Fellowships 2007 - 2026

| BARD Number | | Applicant & Institution | Host & Institution | Proposal Title |
|---|---|---|---|---|
| 10 | 2009 | I. Opatovsky<br>MIGAL R&D | J.D. Harwood<br>U Kentucky | |
| 36 | 2016 | G. Rosenberg<br>Weizmann Inst. | S. Rubinstein<br>U Harvard | |
| 3 | 2007 | M. Shechter<br>U Hebrew | B. Xing<br>U Mass | |
| 54 | 2024 | S. Malka<br>ARO, Min. Ag. | E.L.P. Patterson<br>U Michigan St. | |
| 58 | 2025 | B. Dorfman<br>U Hebrew | B. Gorgoglione<br>U Michigan St. | |
| 41 | 2017 | H. Abu Tayeh<br>ARO, Min. Ag. | D. Hodge<br>U Montana St. | |
| 56 | 2025 | O. Avishai Ofer<br>U Hebrew | L. Smith Taillie<br>U No. Carolina, | |
| 27 | 2014 | A. Kliot<br>ARO, Min. Ag. | M.L. Cilia-Heck<br>Boyce Thompson | |
| 69 | 2026 | A. Ginatt<br>U Hebrew | T. Korem<br>U Columbia | |
| 24 | 2013 | I. Apel<br>U Hebrew | M. Siegal<br>U New York | |
| 37 | 2017 | E. Levintal<br>Ben Gurion | J. Selker<br>U Oregon St. | |
| 51 | 2023 | A. Eliyahu<br>U Hebrew | C.M. Grozinger<br>U Penn State | |
| 66 | 2025 | N. Ouzana<br>Technion | R. Srinivasan<br>TX AgriLife Res | |
| 29 | 2016 | N. Fitoussi<br>ARO, Min. Ag. | M.V. Kolomiets<br>TX AgriLife Res | |
| 32 | 2016 | M. Engel<br>U Hebrew | M. Elimelech<br>U Rice | |

# Approved BARD Graduate Student Fellowships 2007 - 2026

| BARD Number | Applicant & Institution | Host & Institution | Proposal Title |
|---|---|---|---|
| | | | Identification of prey of a generalist predator using molecular techniques |
| | | | Using fluorescence photoactivation localization microscopy to optimize beneficial bacterial strains for plant protection |
| | | | Sorptive propetries of cutin and cutan biopolymers: effect of decomposition |
| | | | Genomic variation among populations of the invasive weed Parthenium hysterophorus in Israel |
| | | | Disease resistance of cyprinid fish to Cyprinid herpes virus 3 disease |
| | | | The effect of organosolv pretreatment for Olive mill solid waste on lignin removal and response to enzymatic hydrolysis |
| | | | Content Analysis of Industry Strategies in response to Front of Package Nutrition Regulations |
| | | | Identification of novel biomarkers that predict Tomato yellow leaf curl virus vectoring capacity in the whitefly Bemisia tabaci |
| | | | Integrative metagenomic and metabolomic analysis of soil health states in apple replant disease |
| | | | Functional characterization of genes predicted to control pH level in the Drosophila speramthecal secretory cells |
| | | | Evaluation of CO2 concentrations and dynamics using an Unmanned Aircraft System in an open agricultural field and a greenhouse |
| | | | Wild Pollinator Health - Transcriptional and Post-Transcriptional Immune Responses of Wild Bees to Viruses |
| | | | Advanced Watershed Modeling Using SWAT+ for Optimization of Management in Agricultural Contexts |
| | | | Meloidogyne javanica effector manipulation of the oxylipin profile associated with the tomato response to root-knot nematodes |
| | | | Antimicrobial activity of magnetic carbon nanotubes: A new technology for polishing wastewater before reuse |