

Mai Bonomo | mai.bonomo@gmail.com | +972-50-670-1144

Date of Birth: June 24, 1993 | Nationality: Israel, USA | Address: Mesilat HaOlim 7, Tel Aviv

Education

- 2022 – Present:** **M.Sc student**, School of Zoology, Faculty of Life Sciences, Tel Aviv University, Tel Aviv
Thesis: The Ecology and Taxonomy of Holothuroids (Sea Cucumbers) in the Gulf of Aqaba
Supervisor: Dr. Omri Bronstein
- 2018 – 2021:** **B.Sc. Life Sciences with a focus on Ecology and Evolution**, Faculty of Life Sciences, Tel Aviv University, Tel Aviv
Graduating average: 91
- 2016 – 2017:** Science Preparatory Program (Mechinat Olim), Hebrew University, Jerusalem
- 2008 – 2011:** Blue Valley High School, Overland Park, Kansas, USA
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Publications

Roth, L., Eviatar, G., Schmidt, L., **Bonomo, M.**, Feldstein-Farkash, T., Schubert, P., Ziegler, M., Al-Sawalmih, A., Abdallah, I. S., Quod, J., & Bronstein, O. (2024). Mass mortality of diadematoid sea urchins in the Red Sea and Western Indian Ocean. *CB/Current Biology*. <https://doi.org/10.1016/j.cub.2024.04.057>

Research & Educational Experiences

- 2024 - present:** Supervisor and mentor for “Alpha” project, Tel Aviv University, mentoring high school students for an academic research project
- October 2022:** **Scientific Diving Certification** – AAUS (American Academy of Underwater Sciences)
- Dec 2020 – Nov 2021:** **Team Captain**, Tel Aviv University iGEM Team (international synthetic biology competition)
Organization, delegation, and leadership of team; management and monitoring of team tasks; wet lab experience with microorganisms; coordination between iGEM organization, PI, and team; content writing, web design, and document creation; experience with Wix; script-writing and caption creation.
Silver medal winners
- 2020 – 2021:** Undergraduate research project in the laboratory of Dr. Dinorah Friedmann-Morvinski
Molecular laboratory experience, glioblastoma research, thesis writing
Final grade: 97
- October 2020:** “Environmental Processes in the Gulf of Aqaba” course, IUI Eilat
- March 2021:** “Biology and Systematics of Marine Invertebrates” course, IUI Eilat
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Grants and Awards

- 2024:** Recipient of Women Divers Hall of Fame (WDHOF) Underwater Photography Grant
Recipient of Adesman Travel Grant
- 2023:** Recipient of Orly Richter-Ifergan Student Grant
- 2018 – 2021:** Recipient of “Keren Heseq” Scholarship for former Lone Soldiers

Oral Presentations

2024: 17th International Echinoderm Conference, hosted in Tenerife, Spain

Employment

2022 – Present: **Teaching Assistant**, Introduction to Molecular Biology Lab, Faculty of Life Sciences, Tel Aviv University

2022 – Present: **Teaching Assistant**, Organic Chemistry, Faculty of Life Sciences, Tel Aviv University

2022 – Present: **Delicious Expert** (culinary tour guide), Delicious Israel

2018 – Present: Freelance English-Hebrew editing and translation

2020 – 2022: Shift Manager, Manta Ray Restaurant, Tel Aviv

2017 – 2020: Trip Coordinator and Leader/Guide, youth cultural exchange program in Rwanda, Young Judaea
Logistical planning locally and abroad, building educational curriculum, personal guidance of youth, tour guiding abroad.

2016 – 2018: English Teacher, Jerusalem Post

2012 - 2014: Artillery Instructor, IDF

Volunteering

2022 – 2023: Data Logger and Social Media, Sharks in Israel NGO

2022 – 2023: Community Fridge Manager, Florentine Community Fridge

2020 – 2022: Volunteer English Teacher, Community Education Center (CEC), Tel Aviv

2019 – 2021: Volunteer, The Michael Levine Lone Soldier Center, Tel Aviv

2011 - 2012: Shnat Sherut (National Service), Wizo Nir Ha'emek Youth Village, Afula

Professional Skills

- **Language:** Native English | Native Hebrew | Basic Spanish
 - **Coding languages:** R | HTML/CSS | Python
 - **Diving:** Advanced Open Water (IANTD) | Nitrox diving certification | Scientific diver | 100+ scientific research dives
 - SEM (Scanning Electron Microscope) Microscopy
 - Molecular Lab Experience
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