

Shlomo Preiss-Bloom

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EDUCATION

Tel Aviv University, School of Zoology
Ph.D. Direct Track, Ecology and Environment

Tel Aviv, Israel
2019 – Present

Ben Gurion University of the Negev
B.Sc. Mechanical Engineering

Beersheba, Israel
2015 – 2019

EXPERIENCE

Tel Aviv University

Tel Aviv, Israel

Graduate Researcher in the lab of Prof. Tamar Dayan, School of Zoology

September 2019 - Present

- Thesis: Effects of human-carnivore conflict on the large mammal community in the Golan Heights.
- Deployed 60 cameras to collect 1M+ wildlife images, processed with AI software.
- Demonstrated spatiotemporal effects of culling management on single wolves and wolf packs.

Head Teaching Assistant, School of Zoology

September 2020 - Present

- Delivered M.Sc. Biometry Course with enrollment of 50 students (2021 Teaching Award Recipient)

Steinhardt Museum of Natural History

Tel Aviv, Israel

Professional Translator and Researcher, Israel Center for Citizen Science

April 2022 - Present

- Translated iNaturalist citizen science network mobile and web platforms into Hebrew.
- Analyzed and produced in-depth report on iNaturalist use within Israel.

Museum Guide and Educator

September 2019 – November 2021

- Directed science workshops and tours of museum and adjacent gardens in Hebrew and English.

Intel Corporation, FAB 28

Kiryat Gat, Israel

Dry Etch Process Student Engineer

June - September 2018

- Sustained ownership of dry etch tools' day-to-day semiconductor manufacturing operations.
- Produced detailed tool performance reports and conceived strategies to prevent defect recurrence.

IDF Intelligence Corps

Tel Aviv, Israel

Elite Training Course (“Mahog”) Class Commander

August 2014 – June 2015

- Led a team of two NCO commanders and 17 trainees in immersive six-month training course.

Analyst and Intelligence Officer

April 2010 – August 2014

- Directed cross-functional team of analysts providing Intel before, during and after operations.
- Established groundbreaking multinational cooperations that led to strategic mission success.
- Successfully graduated IDF Officer Training School and subsequent Intelligence specialization.

HONORS AND AWARDS

- Graduate Student Travel Grant (2,000 NIS), The Zoological Society of Israel *September 2024*
- Best Poster Award, The 59th Meeting of The Zoological Society of Israel *December 2022*
- Best Lecture Award, The 58th Meeting of The Zoological Society of Israel *March 2022*
- Faculty of Life Sciences Teaching Award *2020-2021*
- Ben Gurion University “Suzanne Zlotowski Award” for outstanding candidates *December 2015*
- IDF Intelligence Corps “Outstanding Officer” prize of excellence *December 2013*

VOLUNTEER EXPERIENCE

- IUCN Canid Specialist Group Member & Reviewer for *Canid Biology and Conservation* (2023-Present)
- 'Shoval' Storyteller, promoting LGBT tolerance in religious communities (2020-Present)
- Group leader in IGY (Israel Gay Youth) religious youth division (2018-2019)
- Ben Gurion University Arab-Jewish Student Dialogue Program Participant (2017 - 2018)
- Worked on hand-operated permaculture farm in Tingvoll, Norway (WWOOF, Summer 2016)

SKILLS

Languages: English and Hebrew (Native), Arabic and Farsi (Literate)

Technological: QGIS, Maxent, SolidWorks, C and R Programming Languages, MATLAB, MS Office

PUBLICATIONS

- **Preiss-Bloom, S.**, Shamon, H., Ben-Ami, D., Dayan, T. (2025) *Landscape of Risk: Responses of Grey Wolves to Lethal Control in a Mosaic Landscape*. *European Journal of Wildlife Research* (in review).
- Barash, A., **Preiss-Bloom, S.**, Caniglia, R., Machluf, Y., Velli, E., Mucci, N., Malkinson, D., Barash, A., Fabbri, E., Dayan, T. and Dekel, Y. (2023). *Possible origins and implications of atypical morphologies and domestication-like traits in wild golden jackals (*Canis aureus*)* *Scientific Reports*.
- Falco, F. L., **Preiss-Bloom, S.**, & Dayan, T. (2022). *Recent Evidence of Scale Matches and Mismatches Between Ecological Systems and Management Actions*. *Current Landscape Ecology Reports*, 7(4), 104-115.

PEER REVIEWING

Reviewed publications for: *Canid Biology and Conservation*, *PCI Ecology*

CONFERENCE PRESENTATIONS

- **Preiss-Bloom, S.**, Shamon, Amir, Z., H., Ben-Ami, D., Dayan, T. (October 2024). "*Predation, land use and culling pressures interact to shape community trophic dynamics in a human-dominated landscape*" (October 2024), The 4th Israeli Conference for Conservation Science, Jerusalem, Israel (awarded second place prize for best student lecture)
- **Preiss-Bloom, S.**, Shamon, Amir, Z., H., Ben-Ami, D., Dayan, T. (October 2024). "*Wolves, land use and culling interact to shape community trophic dynamics in a human-dominated landscape*", The 2nd IWCN International Wildlife Coexistence Conference, Turin, Italy (chaired session titled "Coexistence with Wildlife in the Golan Heights")
- **Preiss-Bloom, S.**, Shamon, Amir, Z., H., Ben-Ami, D., Dayan, T. (September 2024) "*Interactive effects of wolves, culling and land use on the Golan Heights large mammal community structure*", The 52nd ISEES Annual Conference for Science and the Environment, Be'er Sheva, Israel
- **Preiss-Bloom, S.**, Shamon, Amir, Z., H., Ben-Ami, D., Dayan, T. (2024, April 16). "*Grey wolves drive top-down effects in a human-dominated landscape in the Golan Heights*", The 60th Meeting of The Zoological Society of Israel, The Open University, Raanana, Israel
- Barash, A., **Preiss-Bloom, S.**, Caniglia, R., Machluf, Y., Velli, E., Mucci, N., Malkinson, D., Barash, A., Fabbri, E., Dayan, T. and Dekel, Y. (2023, September 22). *Jackie: Anthropogenic hybridization, de-novo mutations, or incipient stages of self-domestication?* (Poster), The 13th Annual Meeting of the European Society for the study of Human Evolution, Aarhus, Denmark
- **Preiss-Bloom, S.**, Shamon, H., Ben-Ami, D., Dayan, T. (2023, August 20). "*The Effects of Lethal Management Policy on a Protected Population of Grey Wolf*" (Invited Lecture), Special Research and Conservation Management Seminar, Tswalu Kalahari Reserve, South Africa
- **Preiss-Bloom, S.**, Shamon, H., Ben-Ami, D., Dayan, T. (2023, July 12). "*Does culling deter wolves from conflict zones? A Golan Heights Case Study*", The 51st ISEES Annual Conference for Science and the Environment, Tel Aviv, Israel

- **Preiss-Bloom, S.**, Shamon, H., Ben-Ami, D., Dayan, T. (2023, July 3). "*The Ecology of Human-Wolf Conflict and Coexistence in a Multi-use Landscape*", The 1st Annual Ecology Student Conference, Faculty of Life Science, Tel Aviv University, Israel
- **Preiss-Bloom, S.**, Shamon, H., Ben-Ami, D., Dayan, T. (2022, December 25). "*It is Not Good That the Wolf Should be Alone*": Assessing Wolf Pack Activity in Relation to Culling Management in Space and Time (Hebrew), The 59th Meeting of The Zoological Society of Israel, Tel-Hai College, Israel
- Mordechai, N., **Preiss-Bloom, S.**, Shamon, H., Ben-Ami, D., Dayan, T. (2022, December 25). "*Wolf! Wolf!*": Individual Identification of the Golan's Wolves (Hebrew), The 59th Meeting of The Zoological Society of Israel, Tel-Hai College, Israel
- Barash, A., **Preiss-Bloom, S.**, Caniglia, R., Machluf, Y., Velli, E., Mucci, N., Malkinson, D., Barash, A., Fabbri, E., Dayan, T. and Dekel, Y. (2022, December 25). *Jackie: Anthropogenic hybridization, de-novo mutations, or incipient stages of self-domestication? (Poster)*, The 59th Meeting of The Zoological Society of Israel, Tel-Hai College, Israel
- **Preiss-Bloom, S.**, Shamon, H., Ben-Ami, D., Dayan, T. (2022, October 18-20). *How are Wolves Affected by Lethal Management and Anthropogenic Land Use in the Golan Heights*, IWCN International Wildlife Coexistence Conference 2022, Pray, Montana, United States.

STUDENT MENTORSHIP AND SUPERVISION

2023-2024

Lead Supervisor. Research project title: "*Life Stage and Land Use Shape Threat Responses in Endangered Mountain Gazelles (Gazella gazella)*." Student: Dana Melamed, 3rd year undergraduate student, B.Sc. (Biology: Ecology and Evolution Track), Faculty of Life Sciences, Tel Aviv University, Tel Aviv, Israel.

2022-2023

Lead Supervisor. Research project title: "*Individual Identification of the Golan's Wolves*." Student: Nili Mordechai, 2nd year undergraduate student, B.Sc. (Biology: Ecology and Evolution Track), Faculty of Life Sciences, Tel Aviv University, Tel Aviv, Israel.

2020-2021

Lead Supervisor. Research project title: "*Trophic Cascades in the Golan Heights: A Camera Survey Summarized*." Student: Yehuda Samuel, 3rd year undergraduate student, B.Sc. (Biology and History double major), Faculty of Life Sciences, Tel Aviv University, Tel Aviv, Israel.