

Yinon Moise Bar-On

Curriculum Vitae

Personal Details

Sex Male

Contact ☎ +972-544583442 | ✉ yinon.baron@gmail.com

✕ |  |  | 

Nationality Israeli

Address at home 1111 Blanche St. Apt 112
Pasadena, CA, 91106

Address at work Division of Geological and Planetary Sciences, California
Institute of Technology, 1200 E California Blvd,
Pasadena, CA, 91125

Professional Experience

2025-	Senior Scientist	Earth and Planetary Sciences Department, Weizmann Institute of Science
2023-2025	Schmidt Science Fellow	Woody Fischer & Christian Frankenberg Groups, Caltech
2023	Postdoctoral Scholar	Woody Fischer & Christian Frankenberg Groups, Caltech

Education

2017-2022	Ph.D	Ron Milo's lab, Department of Plant & Environmental Sciences, Weizmann Institute of Science <u>Thesis</u> : A Quantitative View of the Biosphere
2014-2016	M.Sc	Ron Milo's lab, Department of Plant & Environmental Sciences, Weizmann Institute of Science <u>Thesis</u> : The biomass distribution on Earth; <u>Grades</u> : Thesis – 100, GPA: 95.7
2011-2014	B.Sc	Tel-Aviv University. B.Sc in biology GPA: 99, Summa Cum Laude

Honors and Awards

2023	Schmidt Science Fellow
2023	Rothschild fellowship for postdoctoral studies
2022	The Dan Atzmon memorial prize for academic excellence, the Plant and Environmental Sciences Department, Weizmann Institute of Science
2022	Honorable mention, international Birnstiel award for doctoral research in molecular life sciences
2022	Daniel Brenner memorial prize for PhD students
2021	Letter of appreciation for outstanding contribution in addressing the COVID-19 pandemic by the Director General of the Israeli Ministry of Health
2020	Elected for participation in the 70th Lindau Laureate Meeting
2019	Best poster award, "Advances in complex systems" course at the Lake Como School of Advanced Studies
2018-2022	Azrieli Foundation fellowship for outstanding Ph.D students
2017	Winning proposal in the research-award competition "Innovative awards - 4th round" hosted by the Systems Biology forum, granted \$10,000.
2017	Susan Sapir memorial prize for MSc students
2015	Winning proposal in the research-award competition "Learning from Cellular Heterogeneity" hosted by the Systems Biology forum, granted \$10,000.

2014	Rector's award for outstanding academic excellence, Tel-Aviv University
2014	Dean's award for outstanding academic excellence, Biology faculty, Tel-Aviv University
2013	Elad Granadir scholarship for excellence, Tel-Aviv University
2013	Dean's award for outstanding academic excellence, Biology faculty, Tel-Aviv University
2013	Rector's award for outstanding academic excellence, Tel-Aviv University
2012	Dean's award for outstanding academic excellence, Tel-Aviv University

Invited Lectures

March 2024	CARDAMOM community meeting, Keck Institute for Space Studies, "Disordered Kinetics Models for Soil Carbon Dynamics", Pasadena, CA
Sept. 2023	Departmental Seminar, Institute of Earth Sciences, The Hebrew University of Jerusalem, "Quantifying the Global and Regional Contribution of Terrestrial Carbon Pools to the Land Sink", Jerusalem, Israel
Sept. 2023	Departmental Seminar, Earth and Planetary Science Department, Weizmann Institute of Science, "Quantifying the Global and Regional Contribution of Terrestrial Carbon Pools to the Land Sink", Rehovot, Israel
June 2022	Departmental Seminar, California Institute of Technology, "A quantitative view of the biosphere", Pasadena, CA
May 2022	"The total mass and average rate of rubisco", EGU General Assembly 2022, Vienna, Austria
March 2020	"The Organism and its Environment" EMBL Symposium, "The Biomass Distribution on Earth", Heidelberg, Germany
May 2019	Departmental Seminar, Inter-University Institute for Marine Sciences, "The Biomass Distribution on Earth", Eilat, Israel
June 2018	Departmental Seminar, Hebrew University, "The Biomass Distribution on Earth", Revohot, Israel
Oct. 2017	Departmental Seminar, University of Haifa, "The Biomass Distribution on Earth", Haifa, Israel
Sept. 2017	Seminar at the University of Osaka, "A quantitative view of the biosphere: from the most abundant taxa to the most abundant proteins", Osaka, Japan
Sept. 2017	Departmental Seminar, University of Hiroshima, "A quantitative view of the biosphere: from the most abundant taxa to the most abundant proteins", Hiroshima, Japan
Sept. 2017	55th Annual meeting of the biophysical society of Japan, "A quantitative view of the biosphere: from the most abundant taxa to the most abundant proteins", Kumamoto, Japan
Aug. 2017	MIT Microbial Systems Seminar Series, "The distribution of Biomass on Earth", Boston, USA

Volunteering and Educational Work

2018-2022	Volunteering at the science communication unit, Davidson Institute of Science Education
2017-2019	Teaching assistant in the graduate course " <i>Cell biology by the numbers</i> ", given by Prof. Ron Milo, fall semester 2017-18
2017-2019	Mentor at the " <i>Alpha program</i> " for gifted students, Davidson Institute of Science Education

International training

July 2019	" <i>Advances in complex systems</i> " course at the Lake Como School of Advanced Studies
June 2017	" <i>Microbial Diversity</i> " course at the Marine Biological Lab, Woods Hole, MA, USA (20 participants)