

ISRAEL'S BRAIN GAIN

52 STEM LABS FOUNDED SINCE 2016

ZUCKERMAN STEM LEADERSHIP PROGRAM FACULTY SCHOLARS



Danny Ben-Zvi
OBESITY / METABOLISM
The Hebrew University
of Jerusalem
Since 2017



Igal Berenshtein
MARINE POLLUTION / LARVAL
DISPERSAL AND CONNECTIVITY
University of Haifa
Since 2023



Gili Bisker
NANOTECHNOLOGY /
BIOPHYSICS / OPTICS / SENSORS
Tel Aviv University
Since 2018



Alex Brodsky
CIVIL & ENVIRONMENTAL
ENGINEERING / EXTREME LOAD TESTING
Ben-Gurion University
of the Negev
Since 2022



Yaron Bromberg
COMPLEX PHOTONICS
The Hebrew University
of Jerusalem
Since 2016



David Deutsch
NEUROSCIENCE / SOCIAL
COMMUNICATION / BRAIN IMAGING
University of Haifa
Since 2022



Moran Dvora-Levit
INTRACELLULAR TRAFFICKING /
PROTEOSTASIS / KIDNEY DISEASES
Bar-Ilan University
Since 2020



Baran Eren
SURFACE PHYSICS /
INTERFACE CHEMISTRY
Weizmann Institute of Science
Since 2018



Arielle Fischer
BIOMECHANICS / BIOROBOTICS /
WEARABLE TECHNOLOGY
Technion-Israel Institute
of Technology
Since 2020



Gali (Galit) Fichman
BIOMATERIALS / DRUG, NUTRIENT
& BACTERIA DELIVERY
The Hebrew University
of Jerusalem
Since 2022



Limor Freifeld
NEURO-ENGINEERING
Technion-Israel Institute
of Technology
Since 2019



Ariella Glasner
CANCER IMMUNOTHERAPY /
GENERAL & TUMOR IMMUNOLOGY
Technion-Israel Institute
of Technology
Since 2022



Ido Goldstein
LIVER BIOLOGY / FASTING /
METABOLISM
The Hebrew University
of Jerusalem
Since 2019



Assaf Hamo
SCANNING PROBES / CONDENSED
MATTER / QUANTUM TECHNOLOGY
Bar-Ilan University
Since 2022



Itamar Harel
AGING / GENETICS
The Hebrew University
of Jerusalem
Since 2018

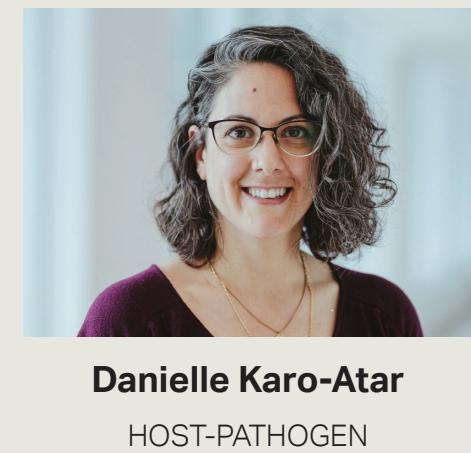


Yachin Ivry
NANO & QUANTUM
FUNCTIONAL STRUCTURES
Technion-Israel Institute
of Technology
Since 2016



At a time when collaboration is essential to advanced scientific research, this program gives the next generations of leading American and Israeli academics the ability to work together on cutting-edge research in ways that stand to benefit their fields for years to come."

— Mortimer B. Zuckerman



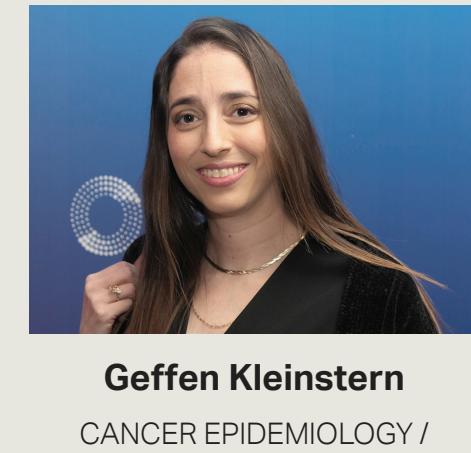
Danielle Karo-Atar
HOST-PATHOGEN
INTERACTIONS / IMMUNOLOGY
Ben-Gurion University
of the Negev
Since 2023



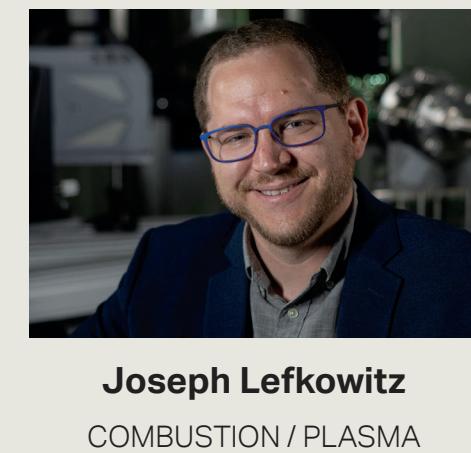
Eyal Karzbrun
HUMAN STEM CELLS /
BIOPHYSICS / MORPHOGENESIS
Weizmann Institute
of Science
Since 2023



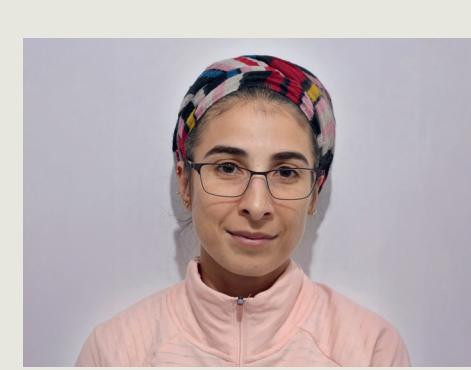
Yael Kiro
EARTH SCIENCES /
GEOCHEMISTRY / PALEOCLIMATE
Weizmann Institute
of Science
Since 2020



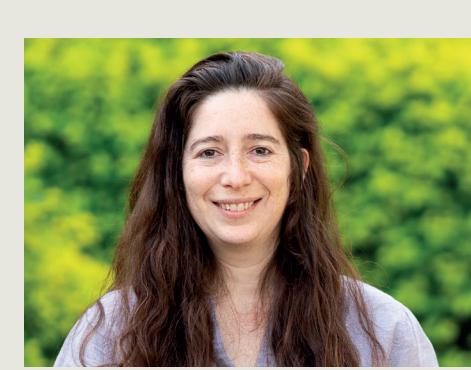
Geffen Kleinstern
CANCER EPIDEMIOLOGY /
GENETIC EPIDEMIOLOGY
University of Haifa
Since 2021



Joseph Lefkowitz
COMBUSTION / PLASMA
CHEMISTRY / DIAGNOSTICS
Technion-Israel Institute
of Technology
Since 2018



Angelica Elkan
LOREM IPSUM
Tel Aviv University
Since 2024



Maya Maor-Nof
LOREM IPSUM
Technion-Israel Institute
of Technology
Since 2024



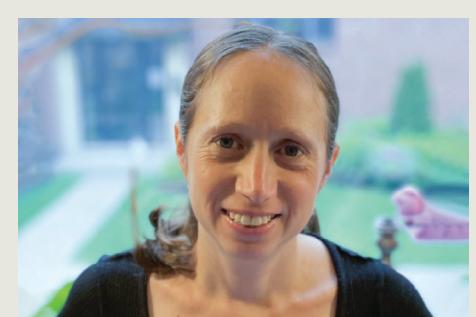
Dar Weiss
LOREM IPSUM
Tel Aviv University
Since 2024



Lior Lobel
MICROBIOME / HOST-MICROBE
INTERACTIONS / PROTEOMICS
Bar-Ilan University
Since 2021



Yisroel Mirsky
MACHINE LEARNING /
CYBER SECURITY
Ben-Gurion University
of the Negev
Since 2021



Yaara Oren
MOLECULAR CELL BIOLOGY /
PERSISTER CELLS / CANCER
Tel Aviv University
Since 2022



Ishay Pomerantz
NUCLEAR PHOTONICS
Tel Aviv University
Since 2016



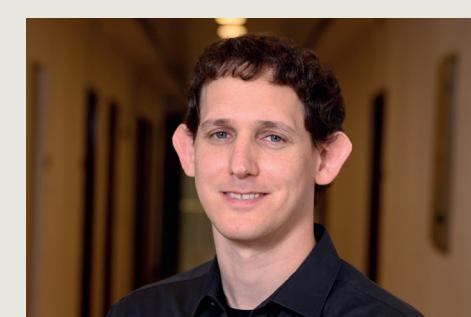
Omri Ram
HIGH SPEED FLOWS / MULTIPHASE
FLOWS / SHOCK WAVES
Technion-Israel Institute
of Technology
Since 2021



Michal Ramot
NEUROSCIENCE /
NEUROIMAGING
Weizmann Institute
of Science
Since 2021



Omer Revah
NEURODEVELOPMENTAL DISORDERS /
MAMMALIAN SOCIALITY
The Hebrew University
of Jerusalem
Since 2023



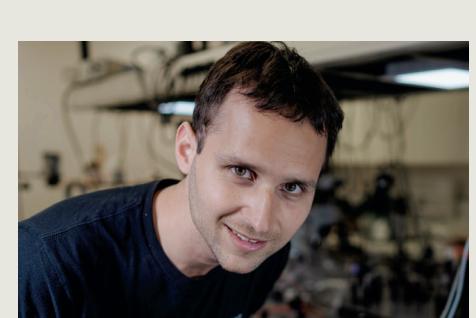
Gal Vardi
LOREM IPSUM
Weizmann Institute of Science
Since 2024



Liron David
LOREM IPSUM
Ben-Gurion University
of the Negev
Since 2024



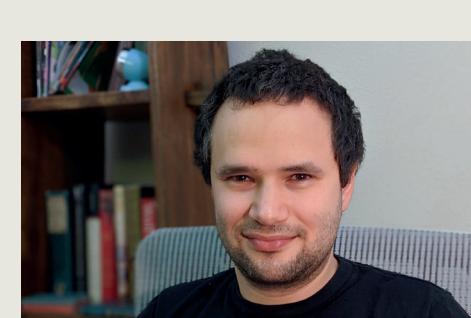
Lidor Shaar-Moshe
LOREM IPSUM
University of Haifa
Since 2024



Alon Ron
QUANTUM MATTER /
ULTRAFAST SPECTROSCOPY
Tel Aviv University
Since 2020



Dekel Rosenfeld
NEUROSCIENCE /
NANOTECHNOLOGY /
TISSUE ENGINEERING
Tel Aviv University
Since 2021



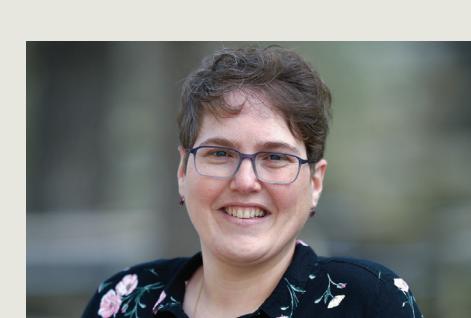
Osip Schwartz
QUANTUM INTERACTIONS OF
LIGHT & ELECTRON WAVES
Weizmann Institute
of Science
Since 2022



Moran Shalev-Benami
STRUCTURAL BIOLOGY /
CELLULAR SIGNALING
Weizmann Institute
of Science
Since 2019



Yoav Shechtman
MICROSCOPY / DEEP LEARNING /
COMPUTATIONAL IMAGING
Technion-Israel Institute
of Technology
Since 2017



Daphna Shimon
PHYSICAL CHEMISTRY / NUCLEAR
MAGNETIC RESONANCE / DYNAMIC
NUCLEAR POLARIZATION
The Hebrew University
of Jerusalem
Since 2021



Neta Shlezinger
FUNGAL IMMUNOLOGY / HOST-
PATHOGEN INTERACTIONS /
EUKARYOTIC PATHOGENS
The Hebrew University
of Jerusalem
Since 2020



Sivan Pearl Mizrahi
LOREM IPSUM
The Hebrew University
of Jerusalem
Since 2024



Yaniv Shlosberg
LOREM IPSUM
Ariel University
Since 2024



Yishay Pinto
LOREM IPSUM
Bar-Ilan University
Since 2024



Pavel Sidorenko
LASER PHYSICS / MODE-LOCKED
FIBER LASERS
Technion-Israel Institute
of Technology
Since 2023



Hadas Soifer
LIGHT-MATTER INTERACTIONS /
QUANTUM MATERIALS
Tel Aviv University
Since 2019



Ivo Spiegel
GENOMICS / NEUROSCIENCE
Weizmann Institute
of Science
Since 2016



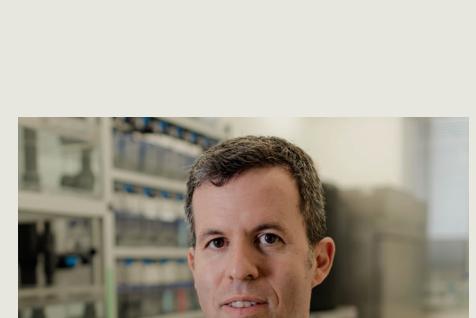
Shani Stern
INDUCED PLURIPOTENT STEM
CELLS / BRAIN DISORDERS
University of Haifa
Since 2020



Itay Tirosh
CANCER / COMPUTATIONAL
& SYSTEMS BIOLOGY
Weizmann Institute
of Science
Since 2017



Yossi Weizmann
SYNTHETIC NUCLEIC ACID &
PLASMONIC NANOMATERIALS
Ben-Gurion University
of the Negev
Since 2020



Omri Wurtzel
ORGANISMAL REGENERATION /
STEM CELLS
Tel Aviv University
Since 2017



Moran Yadid
BIOMEDICAL ENGINEERING /
REGENERATIVE MEDICINE
Bar-Ilan University
Since 2023

**MORTIMER B.
Zuckerman STEM
Leadership Program**

Since establishing the Zuckerman Faculty Scholars Program in 2016, the Zuckerman Institute has accelerated Israel's brain gain by supporting the return of 52 scientists to Israel - leading researchers in their fields - and funding construction of 52 new state-of-the-art labs at seven Israeli universities.

Zuckerman funding supports the purchase of singular cutting-edge technology and equipment, making Israel a global research leader in medicine, quantum technology, neuroscience, nanotechnology, nuclear photonics, neuro engineering, and numerous STEM fields.

The Zuckerman STEM program provides vital resources to Israel's universities, including Ariel University, Bar-Ilan University, Ben-Gurion University, University of Haifa, The Hebrew University of Jerusalem, Technion - Israel Institute of Technology, Tel Aviv University, and the Weizmann Institute of Science, allowing them to compete with top North American institutions for the most promising candidates.