

# Feinberg Graduate School

## 2015 Graduates



מכון ויצמן למדע  
WEIZMANN INSTITUTE OF SCIENCE

You are cordially invited to  
**the Graduation Ceremony at which MSc  
and PhD Degrees will be conferred  
and prizes will be awarded for academic excellence**

**Wednesday, May 20, 2015**  
7:00 p.m.  
Memorial Plaza  
Weizmann Institute of Science, Rehovot

אנו מתכבדים להזמין  
**לטקס הענקת תארי מוסמך  
ודוקטור לפילוסופיה,  
ולהכרזה על פרסים לתלמידים מצטיינים**

**יום רביעי, ב' סיוון תשע"ה, 20 במאי 2015**  
בשעה 19:00  
כיכר הזיכרון  
מכון ויצמן למדע, רחובות

**Program**

**Greetings**  
**Prof. Daniel Zajfman**, President  
Weizmann Institute of Science  
**Prof. Irit Sagi**, Dean  
Feinberg Graduate School  
of the Weizmann Institute of Science

**Keynote Address** Israeli writer **Meir Shalev**

**Awarding of prizes for academic excellence  
and conferment of PhD Degrees**

**Awarding of prizes for academic excellence  
and conferment of MSc Degrees**

On behalf of the graduates **Dr. Merav Parter**

Light refreshments

The ceremony will be broadcast live over the Internet from 6:55 p.m.  
<http://video.weizmann.ac.il/feinberg/live.html>

**תוכנית**

**ברכות**  
**רופ' דניאל זייפמן**  
נשיא מכון ויצמן למדע  
**רופ' אירית שגיא**  
דיקן מדרשת פיינברג של מכון ויצמן למדע

**הרצאת אורח**  
**הסופר מאיר שלו**

**הענקת פרסי הצטיינות לתלמידי מחקר  
והענקת תעודות דוקטור לפילוסופיה**

**הענקת פרסי הצטיינות לתלמידי מוסמך  
והענקת תעודות מוסמך**

**דברים בשם הבוגרים ד"ר מרב פרטר**  
כיבוד קל

הטקס יועבר ישירות חי באמצעות האינטרנט החל מהשעה 18:55  
<http://video.weizmann.ac.il/feinberg/live.html>

**Please note the following:**

- Guests with special needs concerning access to the site are kindly requested to notify FGS in advance (08-934 6757), so that appropriate assistance can be arranged.
- Entrance to the site and the main seating area will be open for guests from 6:15 p.m. until 6:55 p.m., upon presentation of this invitation.
- Infants and children under the age of six will not be admitted to the main seating area. Latecomers and guests accompanying children under the age of six will be able to view the ceremony from the designated section at the rear of the main seating area.
- An information desk will be at your service on site.



**לתשומת לב המוזמנים:**

- אורחים בעלי צרכים מיוחדים מתבקשים לתאם מראש את הנעתם עם המדרשה (08-934-6757) כדי לקבל את הסיוע הדרוש.
- הכניסה לאתר האירוע ולמתחם המושבים תתאפשר מהשעה 18:15.
- עד 18:55 נבוצת הזמנה זו בלבד.
- למתחם המושבים המרכזי תותר כניסת ילדים מגיל 6 ומעלה בלבד. אורחים עם חנימקות וילדים מתחת לגיל 6, וכן אורחים שאינם יוכלו לצפות בטקס ממתחם המושבים העליון בלבד.
- לשירות האורחים חוצב במקום עמדת מודיעין.

## Feinberg Graduate School

Weizmann Institute of Science

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## Department of Resource Development

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Weizmann Institute of Science

Scholarship Awards PhD Scholarships in Perpetuity

Scholarship Awards MSc Scholarships in Perpetuity



# The Weizmann Institute of Science

The Weizmann Institute of Science is one of the world's leading institutions of basic scientific research in all disciplines of natural and exact sciences: mathematics and computer sciences; physics; chemistry; biochemistry and biology. Its scientists conduct studies in fields that are on the cutting edge of science and that serve to enrich human knowledge about the world around us and our role in the universe. The Institute's unique character encourages numerous multidisciplinary collaborations in all areas of research. Weizmann Institute investigations greatly further the development of new technologies and alternative sources of energy and the invention of new materials, medicines, and state-of-the-art medical treatment. The Institute invests considerable efforts and resources in scientific education for school-aged children and the public.

The Institute consists of some 3,000 scientists, students, and supporting staff. The Institute's budget is approximately one billion shekels – a quarter of which is granted by the Israel government with the remainder originating from grants won by the Institute's scientists as well as from donations and scholarships.



# The Feinberg Graduate School



The Feinberg Graduate School is the educational arm of the Weizmann Institute of Science. It was founded in 1958 with the support of the United States Government. The Graduate School is named for Abraham Feinberg LL.B. (U.S.A.) founder and first Chair of its Board of Trustees. The main goal of the Feinberg Graduate School is the advanced training of new generations of creative and original researchers in the natural sciences and mathematics, or, in other words, the education of future scientific leaders.

The Graduate School offers programs leading to the degrees of Master of Science (M.Sc.) and Doctor of Philosophy (Ph.D.) in Physics, Chemistry, Life Sciences, Mathematics and Computer Science, and Science Teaching. Interdisciplinary programs are widespread and encouraged.

Since its founding, the Graduate School has been an accredited institution of higher learning in Israel. It later received an absolute charter granted by the Board of Regents of the State of New York. The instructors and advisors of the Graduate School are members of the scientific staff of the Weizmann Institute of Science. Currently, there are over 1,100 students, with a student-teacher ratio of 4:1, enabling considerable individual attention. The official language of instruction is English. This enables foreign students to participate fully in all of the Graduate School's programs. The only criteria for acceptance to the School are academic excellence and scientific integrity. Admission to all programs, privileges, and activities is granted without regard to race, gender, color, nationality, and origin. All students are directly involved in the research conducted at the Institute, and receive scholarships that allow them to devote all their energies to research and study. There are no tuition fees.

The Graduate School consists of five Research Schools: the Solo Dwek and Maurizio Dwek Research School of Chemical Science, the Ekard Research School of Biological Science, the Lorry I. Lokey Research School of Biochemical Science, the Moross Research School of Mathematics and Computer Science and the André Deloro Research School of Physical Science.

These schools provide an extra boost to the students' immersion into scientific research, supporting them in their becoming mature scientists. The Research Schools' benefits for students include a wide range of opportunities for personal development, such as scientific travel grants to facilitate expanded contacts with the international research community, and greater exposure to world leaders in their fields. Each Research School has a Board of Studies that coordinates all activities in the relevant discipline.

The Feinberg Graduate School is responsible for the administrative and academic aspects of the postdoctoral training at the Weizmann Institute of Science. The School also coordinates the Kupcinet-Getz International Summer Science School for outstanding international undergraduate students.

The Feinberg Graduate School is headed by a Dean, assisted by the Academic Secretary of the School and by a steering committee consisting of the Directors of the Research Schools. The Graduate School Office coordinates all the general administrative operations of the School.



Prof. Daniel Zajfman  
President  
Weizmann Institute of Science





Dear Graduates,

One hundred years ago, Albert Einstein formulated his general theory of relativity, generalizing special relativity and Newton's law of universal gravitation and providing a unified description of gravity as a geometric property of space-time. The theory's applied implications run wide and deep; for example, the analysis of relativistic effects on time measurement is an important practical engineering concern in the operation of global positioning systems—many other instruments, from electron microscopes to particle accelerators, would simply not work if relativistic considerations were omitted.

This towering achievement of 20th-century physics exemplifies the extraordinary importance of basic research; of exploring aspects of our world that appear to have no discernible application to daily life. It is precisely such work that often paves the way for others with a more practical bent. At the Weizmann Institute of Science, this is a supreme value: We let curiosity lead the way to discovery through rigorous investigations, and believe this is the best approach to advancing the human condition. I hope that wherever you go in the future, this value of free questioning and open-mindedly pursuing an answer to that which intrigues you will be your guide.

It gives me great pleasure to congratulate you, the Weizmann Institute's new graduates, your families, and your faculty advisors and mentors, on your academic achievements. You have accomplished a great deal to reach this graduation day. Your new degrees attest to your devotion to science, intense curiosity, and great perseverance.

You have brought a wealth of opinions, approaches, talents, and personal quests to our research community. Coming from different countries, you have enriched your research teams and colleagues, challenged yourselves and your advisors, and have collectively pushed the frontiers of human knowledge further. I sincerely hope that you have enjoyed the process and can now look back with satisfaction at your contribution to your peers, to the Weizmann Institute of Science, and to science as a whole. I know that many of you are already continuing toward another degree or postdoctoral training, and wish you every success. I am confident that you will make your mark in the global scientific arena, in advanced technology industries, science education, or any other field of your choosing.

Today I also wish to express my deep appreciation to the Feinberg Graduate School's alumni and faithful supporters, whose friendship has played an important role in the School's development.

We take pride in your achievements and wish you much success in the next stages of your careers. Although your years of study at the Weizmann Institute are ending, we want you to stay connected with the Institute as active alumni, and we hope to see you here on campus often.

A handwritten signature in black ink, appearing to read 'Daniel Zajfman', with a stylized flourish at the end.

Prof. Daniel Zajfman, President  
Weizmann Institute of Science



Prof. Irit Sagi  
Dean  
Feinberg Graduate School  
Weizmann Institute of Science



The David Lopatie Hall of Graduate Studies, housing the Feinberg Graduate School  
מדרשת פיינברג במשכן ללימודי מוסמכים על-שם דוד לופאטי

Dear Graduates and Guests,

It is a privilege to congratulate you, the newest graduates of the Weizmann Institute—those of you who are receiving their doctorates and heading for new lives as independent researchers, and those who are receiving their Master's degrees and continuing with their scientific training.

Each year, this is an exciting occasion—just like it was the first time. This excitement originates in our great joy and satisfaction with your accomplishments in basic science, as well as from our curiosity and expectation as we watch you take on leadership roles in the disciplines of science and technology, education, and social practice.

We live in an age of rapidly and, at times unexpectedly, changing political, economic, and social reality in Israel and around the world. Departing the scientific 'greenhouse' and realizing your potential these days is a professional and social challenge. Yet it is a worthy one, which we should embrace. Scientist and philosopher Yeshayahu Leibowitz said "Science is the one and only thing I know to be a universal human asset".

You are stepping into a complex reality, wielding tools that will enable you to promote this universal asset. You absorbed knowledge, vision, and confidence in your abilities. Beyond the degree itself, your studies of mathematics, physics, chemistry, and biology have provided you with a set of skills, such as creative thinking, perseverance, and the ability to cope with complicated problems. One of the most important things you have learned here is to ask important, groundbreaking questions. This ability is founded upon deep and extensive knowledge, imagination, courage—and confidence. All these will, no doubt, bear fruits in the future.

Special thanks go to the family of each and every one of you, for nurturing and encouraging you to strive for excellence, and for the support they have given you from an early age and throughout the years. I also wish to thank my colleagues for their many hours of teaching, tutoring, guiding, and training you to be promising scientists.

Dear graduates, on your first day of studies here, we welcomed you into the Weizmann Institute family. And now, as you prepare to move on to your next destination, keep in mind that we will always see you as part of this family. As a family often does, we will continue to follow your progress with advice and support that emanates from a sense of responsibility and partnership.

Godspeed and good luck on your new paths.



Prof. Irit Sagi  
Dean, Feinberg Graduate School





Prof. Michal Irani  
Chair  
Scientific Council  
Weizmann Institute of Science





Dear Graduates and Parents,

Every year I am deeply moved when I witness the graduates come up on stage in their gowns, as if they were my own children. And my children are here—those I have mentored throughout their master's and doctoral degrees; those I have watched grow in the past few years. Each farewell is a difficult one for us, your teachers and advisors, but also a source of immense pride. The bond that we have established between us is one-of-a-kind. Together, we experienced both frustrations and joys; breakthroughs and failures. Nothing is more exciting than to make a new scientific discovery together, to realize that together, we have reached a new, previously unknown place. It is a unique experience imprinted in memory. The advisor-student bond is no fleeting connection; it is a bond for life.

To this day, I proudly keep track of the successes of my former students. And to this day, I still consult with my former advisor.

I hope we have given you useful tools for the road ahead; that we have provided you with fishing rods and not fish. That we have taught you that the most important thing is to ask the right questions, and to never give up until you succeed. That without belief in one's goal, it is impossible to succeed—in research or in anything of substance in life—because the road ahead is a rocky one.

We watch you with pride, and look forward to your successes. Some of you will return, as scientists and colleagues, and will most likely even take our place on this podium. Nothing would make us prouder.

I wish you the best of luck.

Prof. Michal Irani  
Chair, Scientific Council



Yael Goren-Wegman  
Executive Director  
Israeli Friends and Alumni  
Organization



Dear Graduates

On behalf of the Weizmann Institute Alumni Organization, I would like first and foremost to congratulate all those who have joined the family of Weizmann Institute graduates this year and to wish you the best of luck for the future.

Many Weizmann Institute alumni hold senior posts and influential positions in Israel and abroad – a true source of pride for the Institute. A quarter of science PhD graduates in Israel are Weizmann alumni, and they greatly contribute to the country's economic, scientific, and technological development.

The goals the Alumni Organization has set for the coming years are keeping in touch with Weizmann Institute alumni, creating a social and professional alumni network, and strengthening the Institute's ties with Israel's industrial and financial sectors.

I would like to take this opportunity to cordially invite you to visit our Alumni Organization website at [www.weizmann.ac.il/alumni/](http://www.weizmann.ac.il/alumni/) in order to register and update your contact details. During the registration process, you will be presented with the option of opening your personal alumnus e-mail address. Once you register, we will be able to keep in touch with you and send you Weizmann updates and news. We can also be found on Facebook and LinkedIn.

We welcome your ideas and initiatives for further strengthening the Alumni Organization as a meaningful and influential body.

I wish you all the best in your future endeavors and encourage you to keep in touch with us.

A handwritten signature in black ink that reads 'Yael Goren-Wegman'. The signature is written in a cursive, flowing style.

Yael Goren-Wegman  
Executive Director  
Israeli Friends Association  
and Alumni Organization





# Prizes for Outstanding Students 2015

## The John F. Kennedy Prize

The John F. Kennedy Memorial Prizes are sponsored by the Fund that was established at the Institute in memory of the late US President.

### **Dr. Anat Arzi**

Advisor: Prof. Noam Sobel, Neurobiology

### **Dr. Serge Rosenblum**

Advisor: Dr. Barak Dayan, Chemical Physics

### **Dr. Ron Rothblum**

Advisor: Prof. Oded Goldreich, Computer Science and Applied Mathematics

### **Mr. Itamar Sivan**

Advisor: Prof. Moty Heiblum, Condensed Matter Physics

## The Dimitris N. Chorafas Prize

Dr. Dimitris N. Chorafas (1926-2014) advisor, author, thinker and philanthropist, established a foundation that awards scientific prizes for outstanding work in selected fields. Each year the foundation accepts candidates from a small number of prestigious universities from around the world, including the Weizmann Institute of Science.

### **Dr. Merav Parter**

Advisor: Prof. David Peleg, Computer Science and Applied Mathematics

### **Dr. Jennifer Resnik**

Advisor: Prof. Rony Paz, Neurobiology

## The Prof. Israel Dostrovsky Memorial Prize

The Weizmann Institute of Science and the Israel Atomic Energy Commission jointly award an annual prize for excellence in memory of Prof. Israel Dostrovsky who served as the first Director-General of the IAEC and as the fifth President of the Weizmann Institute of Science.

### **Dr. Revital Kaminker**

Advisor: Prof. Milko van der Boom, Organic Chemistry

### **Dr. Yotam Soreq**

Advisor: Prof. Gilad Perez, Particle Physics and Astrophysics

## The Elchanan E. Bondi Memorial Prize

Dr. Elchanan Bondi died in 1971. Elchanan did his doctoral thesis in the Department of Biophysics while suffering from a kidney disease.

### **Dr. Giora Alexandron**

*Advisors:* Dr. Michal Armoni, Science Teaching

Prof. David Harel, Computer Science and Applied Mathematics

## The Dov Elad Memorial Prize

Prof. Dov Elad died in 1979. Dov was a professor of chemistry and chaired the Board of Studies in Chemical Sciences. He contributed significantly to the Institute and to the Graduate School.

### **Dr. Sivan Refaely-Abramson**

*Advisor:* Prof. Leor Kronik, Materials and Interfaces

## The Shimon Reich Memorial Prize

Prof. Shimon Reich died in 2010. Shimon was a professor in the Department of Materials and Interfaces, of the Faculty of Chemistry, at the Weizmann Institute of Science for forty years.

### **Dr. Eyal Karzbrun**

*Advisor:* Prof. Roy Bar-Ziv, Materials and Interfaces

### **Dr. Ephraim Shahmoon**

*Advisor:* Prof. Gershon Kurizki, Chemical Physics

## The Gad Resheff Memorial Prize

Gad Resheff was killed in 1973 during the Yom Kippur War while serving as the commander of an outpost at the Suez Canal. He was awarded the Medal of Valor posthumously. Gad was a doctoral student in the Department of Biophysics.

### **Dr. Kuti Baruch**

*Advisor:* Prof. Michal Schwartz, Neurobiology

# Prizes for Outstanding Students 2015

## The Giora Yoel Yashinski Memorial Prize

Giora Yoel Yashinski was killed in action in 1971 in an air force plane that crashed on the Sinai coast. Giora completed his studies towards a Master's Degree in the Department of Chemical Physics.

### **Dr. Asaf Levy**

Advisor: Prof. Rotem Sorek, Molecular Genetics

## The Daniel Brenner Memorial Prize

Daniel Brenner was killed in the Battle of Sidon during the 1982 Lebanon War: Operation Peace for Galilee. Daniel was a doctoral student in the Department of Chemical Physics.

### **Mr. Gilad Fuchs**

Advisor: Prof. Moshe Oren, Molecular Cell Biology

## The Lady Anne Chain Memorial Prize

Lady Anne Chain was a noted researcher and friend of the Weizmann Institute of Science for many years.

### **Dr. Tslil Ast**

Advisor: Dr. Maya Schuldiner, Molecular Genetics

## The Esther Hellinger Memorial Prize

Dr. Esther Hellinger was born in England. She joined the staff of the Daniel Sieff Research Institute upon its establishment in 1934 and worked with Dr. Chaim Weizmann.

### **Dr. Orna Issler**

Advisor: Prof. Alon Chen, Neurobiology

## The Haim Holtzman Memorial Prize

Haim Holtzman was killed in 1969. Haim was an air force pilot. He died while trying to land his burning plane, beyond the residential area of northern Rehovot.

### **Mr. Alexander Shamov**

Advisor: Prof. Ofer Zeitouni, Mathematics

## The Menashe Milo Memorial Prize

Menashe Milo completed his studies in Physics as part of the academic reserves. During the Yom Kippur War, Menashe fought in the Golan Heights as a tank commander. Menashe died suddenly in 1981.

### **Dr. Amir Bar**

*Advisor:* Prof. David Mukamel, Physics of Complex Systems

## The Lonia and Jose Roth Memorial Prize

The prize is awarded for outstanding Ph.D. thesis research combined with excellence in writing in English. Lonia and Jose M. Roth were Holocaust survivors who admired both the natural sciences and fine writing. The Prize is in memory of their lifelong support of the Weizmann Institute and of Israel.

### **Dr. Gil Cohen**

*Advisor:* Prof. Ran Raz, Computer Science and Applied Mathematics



# Prizes for Outstanding Students 2015

## The Dean's Prize for Ph.D. Students

### **Dr. David Andres Gelbwaser Klimovsky**

Advisor: Prof. Gershon Kurizki, Chemical Physics

## The Dean's Prize for Outstanding M.Sc. Students

### **Ms. Alla Aharonov**

Advisor: Prof. Eldad Tzahor, Biological Regulation

### **Ms. Rona Aviram**

Advisor: Dr. Gad Asher, Biological Chemistry

### **Mr. Rei Chemke**

Advisor: Dr. Yohai Kaspi, Earth and Planetary Sciences

### **Mr. Dmitry Kogan**

Advisor: Prof. Robert Krauthgamer, Computer Science and Applied Mathematics

### **Mr. Ohr Lahad**

Advisor: Prof. Dan Oron, Physics of Complex Systems

### **Mr. Tal Lupo**

Advisor: Dr. Karina Yaniv, Biological Regulation

### **Ms. Neta Marmor-Kollet**

Advisor: Dr. Oren Schuldiner, Molecular Cell Biology

### **Mr. Haggai Maron**

Advisor: Prof. Anat Levin, Computer Science and Applied Mathematics

### **Mr. Aviv Naftaly**

Advisor: Prof. Brian Berkowitz, Earth and Planetary Sciences

### **Mr. Ofer Shwartz**

Advisor: Prof. Boaz Nadler, Computer Science and Applied Mathematics

# National Competitive Programs

## The Adams Fellowships for Doctoral Students

Established in 2005 by Mr. Marcel Adams, Montreal, Canada

## The Azrieli Fellows Program

Established in 2007 by the Azrieli Foundation, Tel Aviv, Israel

## The Clore Scholars Program

Established in 1992 by Dame Vivien Duffield, DBE, and the Clore Foundation, Jerusalem, Israel

# Ph.D. Recipients

Dr. Gabriela Adler-Kat  
Dr. Eldad Afik  
Dr. Giora Alexandron  
Dr. Rachela Alfasi  
Dr. Muhammad Ali  
Dr. Dror Alumot  
Dr. Niv Antonovsky  
Dr. Anat Arzi  
Dr. Tslil Ast  
Dr. Omri Avidan  
Dr. Amir Bar  
Dr. Ben Bar-Or  
Dr. Liron Barak  
Dr. Lee Barnea-Nehoshtan  
Dr. Kuti Baruch  
Dr. Adi Ben Shoham  
Dr. Sagi Ben-Ami  
Dr. Haviv Ben-David  
Dr. Oshrit Ben-David  
Dr. Aya Ben-Yakov  
Dr. Yaara Ber  
Dr. Ariel J. Biller  
Dr. Shai Biran  
Dr. Naamah Bloch (Sverdlin)  
Dr. Meital Boterashvili  
Dr. Yulia Chaikin  
Dr. Marina Cherniavsky-Lev  
Dr. Dror Chorev  
Dr. Or Cohen  
Dr. Eyal Cohen-Hoshen  
Dr. Yehonatan Dallal  
Dr. Lital Davidi  
Dr. Gil Diamant  
Dr. Yosef Dicken  
Dr. Yehuda Dinaii  
Dr. Niv Dobzinski  
Dr. Efrat Dvash Riesenfeld  
Dr. Micah Edelson  
Dr. Eran Edri  
Dr. Lior Embon  
Dr. Omri Faingold  
Dr. Alon Faktor  
Dr. Rotem (Genud) Gabai  
Dr. Assaf Gal  
Dr. Liron Gal  
Dr. David Andres Gelbwaser Klimovsky  
Dr. Amir Gelman  
Dr. Erez Geron  
Dr. Sasha Gersten  
Dr. Karin Golan  
Dr. Elazar Goldenberg  
Dr. Larisa Goldenberg  
Dr. Chagay Gonen  
Dr. Aaron Gordon  
Dr. Ranit Gruber-Roisman  
Dr. Shiri Gur Cohen  
Dr. Guy Gur-Ari  
Dr. Liora Guy David

Dr. Tal Harmelech  
Dr. Yair Hartman  
Dr. Michal Haskel Ittah  
Dr. Alon Henson  
Dr. Eitan Hirsch  
Dr. Ori Hirschberg  
Dr. Anna Hitrik  
Dr. Hiroyuki Inoue  
Dr. Roi Isaac  
Dr. Yafit Itzhaik Alkotzer  
Dr. Shlomo Jozeph  
Dr. Muna Jubran  
Dr. Sivan Kagan  
Dr. Zehorit Kapach  
Dr. Eyal Karzbrun  
Dr. Ephraim Kenigsberg  
Dr. Nizan Klinghoffer  
Dr. Yael Klionsky  
Dr. Roman Korobko  
Dr. Anand Kumar Tatikonda  
Dr. Gilad Landan  
Dr. Offir Laufer  
Dr. Etay Lavert-Ofir  
Dr. Avi Lavi  
Dr. Johannes Leonhard Floss  
Dr. Michal Levo  
Dr. Asaf Levy  
Dr. Einat Levy-Apter  
Dr. Maya Maor Nof

Dr. Shirley Mark  
Dr. Omer Markovitch  
Dr. Ofer Moldavski  
Dr. Dikla Montekio-Malter  
Dr. Shai Olsher  
Dr. Tal Orenshtein  
Dr. Merav Parter  
Dr. Dana Rabinovich  
Dr. Gal Radovsky  
Dr. Daniel Reichman  
Dr. Jennifer Resnik  
Dr. Natalie Reznikov  
Dr. Inna Ricardo-Lax  
Dr. Noa Rivlin  
Dr. Serge Rosenblum  
Dr. Guy Rosenzweig  
Dr. Ron Rothblum  
Dr. Shelly Rozen  
Dr. Amir Rubinstein  
Dr. Adi Sagiv  
Dr. Nir Sapir  
Dr. Rita Schmidt  
Dr. Lior Sepunaru  
Dr. Chen Shahar  
Dr. Ephraim Shahmoon  
Dr. Matan Shanzer  
Dr. Eric Shifrut  
Dr. Daphna Shimon  
Dr. Asaf Shimshovitz

Dr. Igor Shinkar  
Dr. Itay Shomroni  
Dr. Anat Shperberg-Avni  
Dr. Yulia Shwartz  
Dr. Hadar Sinvani  
Dr. Hadas Soifer  
Dr. Raya Sorkin  
Dr. Uri Steinitz  
Dr. Shani Stern  
Dr. Natalia Szenkier-Garcia  
Dr. Asaf Tal  
Dr. Rivka Taub (Bagno)  
Dr. Rotem Tidhar  
Dr. Maria Tkachev  
Dr. Tal Toledano  
Dr. David Tsivion  
Dr. Sergey Vaintraub  
Dr. Diana Varol-Rashkovan  
Dr. Anna Veprik  
Dr. Mor Verbin  
Dr. Ofer Vitells  
Dr. Inbal Wortzel  
Dr. Reut Yalon (Avni)  
Dr. Seung-Hoon Yang  
Dr. Eliyahu Yosef  
Dr. Amir Zait  
Dr. Maria Zontak

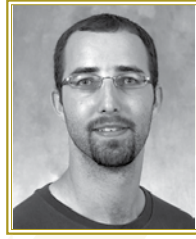


**ד"ר גיורא אלכסנדרון**  
**Dr. Giora Alexandron**

מחלקה: הוראת המדעים  
בהדרכת ד"ר מיכל ארמוני  
פרופ' דוד הראל

Department: Science Teaching  
Advised by Dr. Michal Armoni  
Prof. David Harel

Title of thesis:  
Issues in learning the language of LSC  
and scenario-based programming



**ד"ר דרור אלומות**  
**Dr. Dror Alumat**

מחלקה: פיסיקה של חלקיקים ואסטרופיסיקה  
בהדרכת פרופ' יצחק מרון

Department: Particle Physics and  
Astrophysics  
Advised by Prof. Yitzhak Maron

Title of thesis:  
Investigation of the thermalization  
process in an imploding plasma



**ד"ר הירויוקי אינו**  
**Dr. Hiroyuki Inoue**

מחלקה: פיסיקה של חומר מעובה  
בהדרכת פרופ' מוטי הייבלום

Department: Condensed Matter Physics  
Advised by Prof. Moty Heiblum

Title of thesis:  
Collective neutral modes in quantum  
Hall regimes investigated via low-  
frequency shot noise measurement



**ד"ר ניב אנטונובסקי**  
**Dr. Niv Antonovsky**

מחלקה: מדעי הצמח והסביבה  
בהדרכת פרופ' רון מילוא

Department: Plant and Environmental  
Sciences  
Advised by Prof. Ron Milo

Title of thesis:  
Metabolic engineering of carbon fixation  
pathways in *E. coli*



**ד"ר ליאור אמבון**  
**Dr. Lior Embon**

מחלקה: פיסיקה של חומר מעובה  
בהדרכת פרופ' אלי זלדוב

Department: Condensed Matter Physics  
Advised by Prof. Eli Zeldov

Title of thesis:  
Study of dynamics and pinning of single  
vortices in type-II superconductors using  
a scanning SQUID-on-tip microscope



**ד"ר רחלה אלפסי**  
**Dr. Rachela Alfasi**

מחלקה: הוראת המדעים  
בהדרכת פרופ' דוד פורטוס

Department: Science Teaching  
Advised by Prof. David Fortus

Title of thesis:  
Characterizing science teaching in Israeli  
Waldorf education

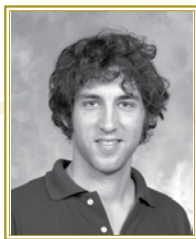


**ד"ר גבריאלה אדלר-כץ**  
**Dr. Gabriela Adler-Kat**

מחלקה: מדעי כדור הארץ וכוכבי הלכת  
בהדרכת פרופ' ינון רודיך

Department: Earth and Planetary  
Sciences  
Advised by Prof. Yinon Rudich

Title of thesis:  
Key characteristics of processed organic  
aerosols in the atmosphere z

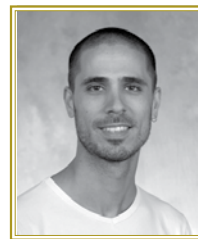


**ד"ר מיכה אדלסון**  
**Dr. Micah Edelson**

מחלקה: נוירוביולוגיה  
בהדרכת פרופ' ידין דודאי

Department: Neurobiology  
Advised by Prof. Yadin Dudai

Title of thesis:  
Brain substrates of memory conformity

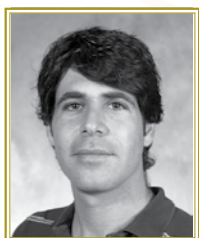


**ד"ר עמרי אבידן**  
**Dr. Omri Avidan**

מחלקה: כימיה ביולוגית  
בהדרכת פרופ' אורי פיק

Department: Biological Chemistry  
Advised by Prof. Uri Pick

Title of thesis:  
Regulation of triglyceride biosynthesis  
and accumulation by acetyl-CoA in  
green microalgae

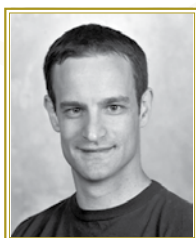


**ד"ר טל אורנשטיין**  
**Dr. Tal Orenshtein**

מחלקה: מתמטיקה  
בהדרכת פרופ' גדי קוזמא  
פרופ' יאיתי בנימיני

Department: Mathematics  
Advised by Prof. Gady Kozma  
Prof. Itai Benjamini

Title of thesis:  
On cookie monsters and greedy walkers:  
topics in self-interacting random walks



**ד"ר שי אולשר**  
**Dr. Shai Olsher**

מחלקה: הוראת המדעים  
בהדרכת פרופ' רוחמה אבן

Department: Science Teaching  
Advised by Prof. Ruhama Even

Title of thesis:  
Changes in the textbook performed by  
teachers using a wikibook



**ד"ר ערן אדרי**  
**Dr. Eran Edri**

מחלקה: חומרים ופני שטח  
בהדרכת פרופ' גרי הודס

Department: Materials & Interfaces  
Advised by Prof. Gary Hodes

Title of thesis:  
High voltage extremely thin absorber  
solar cells



**ד"ר אושרית בן-דוד**  
**Dr. Oshrit Ben-David**

מחלקה: כימיה ביולוגית  
בהדרכת פרופ' טוני פוטרמן

Department: Biological Chemistry  
Advised by Prof. Tony Futerman

Title of thesis:  
Study of ceramide synthase 2 null mice brains



**ד"ר עדי בן שוהם**  
**Dr. Adi Ben Shoham**

מחלקה: גנטיקה מולקולרית  
בהדרכת פרופ' אלעזר זלצר

Department: Molecular Genetics  
Advised by Prof. Elazar Zelzer

Title of thesis:  
Regulation of vascular patterning and its effect on organogenesis



**ד"ר נעמה בלוך (סוורדלין)**  
**Dr. Naamah Bloch (Swerdlin)**

מחלקה: מדעי המחשב ומתמטיקה שימושית  
בהדרכת פרופ' דוד הראל

Department: Computer Science &  
Applied Mathematics  
Advised by Prof. David Harel

Title of thesis:  
An interactive tool for animating biology and its use in spatial and temporal modeling of a cancerous tumor and its microenvironment



**ד"ר שגי בן-עמי**  
**Dr. Sagi Ben-Ami**

מחלקה: פיסיקה של חלקיקים ואסטרופיסיקה  
בהדרכת פרופ' אבישי גל-ים

Department: Particle Physics and  
Astrophysics  
Advised by Prof. Avishay Gal-Yam

Title of thesis:  
Spectral observations and instrument development for the study of core-collapse supernovae at the UV and optical band



**ד"ר איה בן-יעקב**  
**Dr. Aya Ben-Yakov**

מחלקה: נוירוביולוגיה  
בהדרכת פרופ' ידין דודאי

Department: Neurobiology  
Advised by Prof. Yadin Dudai

Title of thesis:  
Post-event encoding in the human hippocampus



**ד"ר חביב בן-דוד**  
**Dr. Haviv Ben-David**

מחלקה: כימיה אורגנית  
בהדרכת פרופ' רוני נוימן

Department: Organic Chemistry  
Advised by Prof. Ronny Neumann

Title of thesis:  
Multifunctional multinuclear redox catalysts



**ד"ר ענת ארזי**  
**Dr. Anat Arzi**

מחלקה: ניורוביולוגיה  
בהדרכת פרופ' נעם סובל

Department: Neurobiology  
Advised by Prof. Noam Sobel

Title of thesis:  
Olfactory processing learning and memory of consciously unperceived odors



**ד"ר אלדד אפיק**  
**Dr. Eldad Afik**

מחלקה: פיסיקה של מערכות מורכבות  
בהדרכת פרופ' ויקטור שטיינברג  
פרופ' גרגורי פלקוביץ

Department: Physics of Complex Systems  
Advised by Prof. Victor Steinberg  
Prof. Gregory Falkovich

Title of thesis:  
A Lagrangian approach to elastic turbulence: pair dispersion in a dissipative chaotic flow

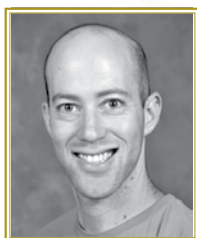


**ד"ר צליל אסט**  
**Dr. Tslil Ast**

מחלקה: גנטיקה מולקולרית  
בהדרכת ד"ר מאיה שולדינר

Department: Molecular Genetics  
Advised by Dr. Maya Schuldiner

Title of thesis:  
Uncovering SRP independent targeting pathways to the endoplasmic reticulum



**ד"ר שי בירן**  
**Dr. Shai Biran**

מחלקה: ביולוגיה מבנית  
בהדרכת פרופ' דבורה פאס

Department: Structural Biology  
Advised by Prof. Deborah Fass

Title of thesis:  
A study of the yeast protein disulfide isomerase family with a focus on a novel 'active-site' disulfide geometry in Eps1p



**ד"ר אריאל י. בילר**  
**Dr. Ariel J. Biller**

מחלקה: חומרים ופני שטח  
בהדרכת פרופ' ליאור קרוניק

Department: Materials & Interfaces  
Advised by Prof. Leeor Kronik

Title of thesis:  
Electronic structure at organic/ semiconductor interfaces: a many-body perturbation theory approach



**ד"ר מיטל בוטרשוילי**  
**Dr. Meital Boterashvili**

מחלקה: כימיה אורגנית  
בהדרכת פרופ' מילקו אריק ואן דר בום

Department: Organic Chemistry  
Advised by Prof. Milko Erik van der Boom

Title of thesis:  
Multi-component architectures: halogen bonding coordination chemistry and hierarchy aspects



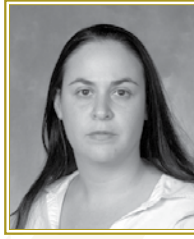


**ד"ר אלעזר גולדנברג**  
**Dr. Elazar Goldenberg**

מחלקה: מדעי המחשב ומתמטיקה שימושית  
בהדרכת פרופ' אירית דינור  
ד"ר גיא קינדלר, האוניברסיטה  
העברית בירושלים

Department: Computer Science &  
Applied Mathematics  
Advised by Prof. Irit Dinur  
Dr. Guy Kindler, The  
Hebrew University of  
Jerusalem

Title of thesis:  
Direct products and sums: locally testing  
locally decoding and their applications



**ד"ר רתם גבאי (גנוד)**  
**Dr. Rotem (Genud) Gabai**

מחלקה: ניורוביולוגיה  
בהדרכת פרופ' רוני פז

Department: Neurobiology  
Advised by Prof. Rony Paz

Title of thesis:  
Aversive and safety learning in the  
amygdala and the dorsal anterior  
cingulate cortex



**ד"ר מונא ג'ובראן**  
**Dr. Muna Jubran**

מחלקה: ניורוביולוגיה  
בהדרכת פרופ' אילן למפל

Department: Neurobiology  
Advised by Prof. Ilan Lampl

Title of thesis:  
Receptive field synthesis and cross-  
whisker adaptation of neurons in the rat  
thalamic VPM nucleus



**ד"ר חגי גונן**  
**Dr. Chagay Gonen**

מחלקה: ביולוגיה מולקולרית של התא  
בהדרכת פרופ' משה אורן

Department: Molecular Cell Biology  
Advised by Prof. Moshe Oren

Title of thesis:  
Investigating the dynamic activity of p53  
and AMPK under metabolic challenges  
in the cell

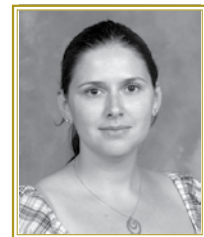


**ד"ר קארין גולן**  
**Dr. Karin Golan**

מחלקה: אימונולוגיה  
בהדרכת פרופ' צבי לפידות

Department: Immunology  
Advised by Prof. Tsvee Lapidot

Title of thesis:  
S1P regulates stem cell migration  
and development and the BM  
microenvironment via ROS signaling



**ד"ר לריסה גולדנברג**  
**Dr. Larisa Goldenberg**

מחלקה: ביולוגיה מבנית  
בהדרכת פרופ' סטיב ויינר  
פרופ' רוני נוימן

Department: Structural Biology  
Advised by Prof. Steve Weiner  
Prof. Ronny Neumann

Title of thesis:  
Mechanisms of incorporation of organic  
molecules into ancient ceramics

PhD Recipients

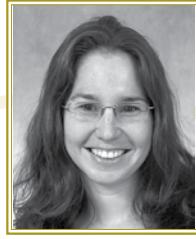


**ד"ר בן בר-אור**  
**Dr. Ben Bar-Or**

מחלקה: פיסיקה של חלקיקים ואסטרופיסיקה  
בהדרכת פרופ' טל אלכסנדר

Department: Particle Physics and  
Astrophysics  
Advised by Prof. Tal Alexander

Title of thesis:  
Relativistic stellar dynamics near a  
massive black hole

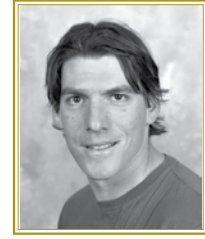


**ד"ר יערה בר**  
**Dr. Yaara Ber**

מחלקה: גנטיקה מולקולרית  
בהדרכת פרופ' עדי קמחי

Department: Molecular Genetics  
Advised by Prof. Adi Kimchi

Title of thesis:  
DRP-1: Identifying a novel regulator of  
autophagy and mTORC1



**ד"ר אמיר בר**  
**Dr. Amir Bar**

מחלקה: פיסיקה של מערכות מורכבות  
בהדרכת פרופ' דוד מוכמל

Department: Physics of Complex  
Systems  
Advised by Prof. David Mukamel

Title of thesis:  
Condensation phase transitions in  
biopolymers and systems with long-range  
interactions



**ד"ר לירון ברק**  
**Dr. Liron Barak**

מחלקה: פיסיקה של חלקיקים ואסטרופיסיקה  
בהדרכת פרופ' עילם גרוס

Department: Particle Physics and  
Astrophysics  
Advised by Prof. Eilam Gross

Title of thesis:  
Search and prospects for BSM Higgs with  
the ATLAS detector at the LHC

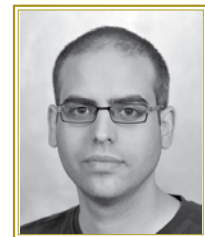


**ד"ר לי ברנע נחושטן**  
**Dr. Lee Barnea-Nehoshtan**

מחלקה: חומרים ופני שטח  
בהדרכת פרופ' דוד כאהן

Department: Materials & Interfaces  
Advised by Prof. David Cahen

Title of thesis:  
How the link between structure and  
energetics in excitonic solar cells affects  
cell performance



**ד"ר קוטי ברוך**  
**Dr. Kuti Baruch**

מחלקה: נוירוביולוגיה  
בהדרכת פרופ' מיכל שורץ

Department: Neurobiology  
Advised by Prof. Michal Schwartz

Title of thesis:  
The choroid plexus as an active neuro-  
immunological interface in the rise and  
fall of the brain

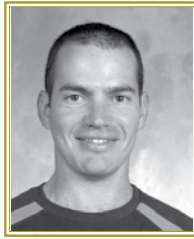


**ד"ר רנית גרובר-רויזמן**  
**Dr. Ranit Gruber-Roisman**

מחלקה: ביולוגיה מבנית  
בהדרכת פרופ' אמנון הורוויץ

Department: Structural Biology  
Advised by Prof. Amnon Horovitz

Title of thesis:  
Elucidating allosteric pathways in chaperonins



**ד"ר אמיר גלמן**  
**Dr. Amir Gelman**

מחלקה: כימיה ביולוגית  
בהדרכת פרופ' זבולון אלעזר

Department: Biological Chemistry  
Advised by Prof. Zvulun Elazar

Title of thesis:  
Studying the functions of p62 and ubiquitin in selective protein degradation in the lysosome



**ד"ר דוד אנדרס גלבווסר קלימובסקי**  
**Dr. David Andres Gelbwaser Klimovsky**

מחלקה: פיסיקה כימית  
בהדרכת פרופ' גרשון קוריזקי

Department: Chemical Physics  
Advised by Prof. Gershon Kurizki

Title of thesis:  
Quantum and non-Markovian thermodynamics: analysis and control



**ד"ר אפרת דבש ריזנפלד**  
**Dr. Efrat Dvash Riesenfeld**

מחלקה: גנטיקה מולקולרית  
בהדרכת פרופ' מנחם רובינשטיין

Department: Molecular Genetics  
Advised by Prof. Menachem Rubinstein

Title of thesis:  
Leukotriene C4 is the major mediator of oxidative DNA damage elicited by ER stress and chemotherapy



**ד"ר סאשה גרסטן**  
**Dr. Sasha Gersten**

מחלקה: פיסיקה כימית  
בהדרכת ד"ר אדוארדס נרייביצ'יוס

Department: Chemical Physics  
Advised by Dr. Ed Narevicius

Title of thesis:  
Cold chemistry with magnetically manipulated atomic and molecular beams

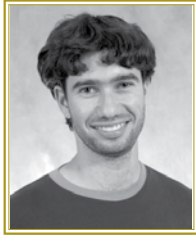


**ד"ר ארז גרון**  
**Dr. Erez Geron**

מחלקה: גנטיקה מולקולרית  
בהדרכת פרופ' בני שילה  
ד"ר איל שכטר

Department: Molecular Genetics  
Advised by Prof. Benny Shilo  
Dr. Eyal Schejter

Title of thesis:  
Coordinating pancreatic secretion by actin-based structures



**ד"ר אהרון גורדון**  
**Dr. Aaron Gordon**

מחלקה: ביולוגיה מולקולרית של התא  
בהדרכת פרופ' אליאור (אורי) פלס

Department: Molecular Cell Biology  
Advised by Prof. Elior (Ori) Peles

Title of thesis:  
The function of Caspr2 in the developing nervous system



**ד"ר גיא גור-ארי**  
**Dr. Guy Gur-Ari**

מחלקה: פיסיקה של חלקיקים ואסטרופיסיקה  
בהדרכת פרופ' עופר אהרוני  
פרופ' מיכה ברקוז

Department: Particle Physics and Astrophysics  
Advised by Prof. Ofer Aharony  
Prof. Micha Berkooz

Title of thesis:  
Chern-Simons theories with fundamental matter and other topics

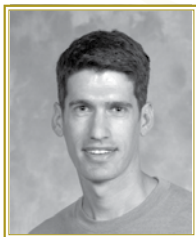


**ד"ר שירי גור כהן**  
**Dr. Shiri Gur Cohen**

מחלקה: אימונולוגיה  
בהדרכת פרופ' צבי לפידות

Department: Immunology  
Advised by Prof. Tsvee Lapidot

Title of thesis:  
The role of the coagulation system in the dynamic regulation of hematopoietic stem and progenitor cell retention and motility



**ד"ר אסף גל**  
**Dr. Assaf Gal**

מחלקה: ביולוגיה מבנית  
בהדרכת פרופ' סטיב וינר  
פרופ' ליאה אדדי

Department: Structural Biology  
Advised by Prof. Steve Weiner  
Prof. Lia Addadi

Title of thesis:  
Light manipulation by biominerals in higher plant leaves: a structure-function study



**ד"ר לירון גל**  
**Dr. Liron Gal**

מחלקה: גנטיקה מולקולרית  
בהדרכת פרופ' אלי ארמה

Department: Molecular Genetics  
Advised by Prof. Eli Arama

Title of thesis:  
Mechanistic pathways which mediate paternal mitochondrial destruction after fertilization in *Drosophila*

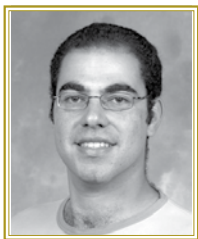


**ד"ר ליאורה גיא דוד**  
**Dr. Liora Guy David**

מחלקה: כימיה ביולוגית  
בהדרכת פרופ' איתן ראובני

Department: Biological Chemistry  
Advised by Prof. Eitan Reuveny

Title of thesis:  
Studying mechanisms of GPCR-effector selectivity

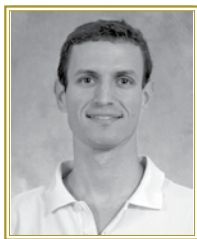


**ד"ר אלון הנסון**  
**Dr. Alon Henson**

מחלקה: פיסיקה כימית  
בהדרכת ד"ר אדוארדס נרייביצ'יוס

Department: Chemical Physics  
Advised by Dr. Ed Narevicius

Title of thesis:  
Merging neutral supersonic beams with magnetic fields



**ד"ר אורי הירשברג**  
**Dr. Ori Hirschberg**

מחלקה: פיסיקה של מערכות מורכבות  
בהדרכת פרופ' דוד מוכמל

Department: Physics of Complex Systems  
Advised by Prof. David Mukamel

Title of thesis:  
Static and dynamical properties of nonequilibrium condensation

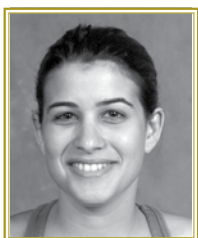


**ד"ר איתן הירש**  
**Dr. Eitan Hirsch**

מחלקה: מדעי כדור הארץ וכוכבי הלכת  
בהדרכת פרופ' אילן קורן  
ד"ר איל אגסי, המכון למחקר ביולוגי בישראל

Department: Earth and Planetary Sciences  
Advised by Prof. Ilan Koren  
Dr. Eyal Agassi, Israel Institute for Biological Research

Title of thesis:  
Studying small warm clouds using theoretical models and ground based spectral-spatial-temporal measurements



**ד"ר מיכל השכל איטח**  
**Dr. Michal Haskel Ittah**

מחלקה: גנטיקה מולקולרית  
בהדרכת פרופ' בני שילה  
ד"ר איל שכטר

Department: Molecular Genetics  
Advised by Prof. Benny Shilo  
Dr. Eyal Schejter

Title of thesis:  
Determination of the dorsoventral axis in the early *drosophila* embryo



**ד"ר טל הרמלך**  
**Dr. Tal Harmelech**

מחלקה: נוירוביולוגיה  
בהדרכת פרופ' רפאל מלאך

Department: Neurobiology  
Advised by Prof. Rafael Malach

Title of thesis:  
Spontaneous brain activity: structure function and behavior



**ד"ר יאיר הרטמן**  
**Dr. Yair Hartman**

מחלקה: מתמטיקה  
בהדרכת פרופ' עומרי סריג

Department: Mathematics  
Advised by Prof. Omri Sarig

Title of thesis:  
Stationary actions random walks and Furstenberg entropy



**ד"ר גיל דיאמנט**  
**Dr. Gil Diamant**

מחלקה: כימיה ביולוגית  
בהדרכת פרופ' רבקה דיקשטיין

Department: Biological Chemistry  
Advised by Prof. Rivka Dikstein

Title of thesis:  
Regulation of target genes expression and signal transduction in the NF- $\kappa$ B pathway by transcription elongation factor DSIF



**ד"ר ליטל דוידי**  
**Dr. Lital Davidi**

מחלקה: כימיה ביולוגית  
בהדרכת פרופ' אורי פיק

Department: Biological Chemistry  
Advised by Prof. Uri Pick

Title of thesis:  
Origin and composition of lipid droplets from *Dunaliella*



**ד"ר ניב דובז'ינסקי**  
**Dr. Niv Dobzinski**

מחלקה: גנטיקה מולקולרית  
בהדרכת פרופ' ג'פרי גרסט

Department: Molecular Genetics  
Advised by Prof. Jeffrey Gerst

Title of thesis:  
Starvation-dependent regulation of Golgi quality control reveals a new link between the TOR and vacuolar protein sorting pathways



**ד"ר יהונתן דלאל**  
**Dr. Yehonatan Dallal**

מחלקה: פיסיקה של מערכות מורכבות  
בהדרכת פרופ' רוני עוזרי

Department: Physics of Complex Systems  
Advised by Prof. Roei Ozeri

Title of thesis:  
Spectroscopy of quasi-electrostatically trapped cold atoms



**ד"ר יוסף דיקן**  
**Dr. Yosef Dicken**

מחלקה: גנטיקה מולקולרית  
בהדרכת פרופ' יורם גרונר

Department: Molecular Genetics  
Advised by Prof. Yoram Groner

Title of thesis:  
Transcription factor Runx3 regulates splenic and colonic mononuclear phagocytes homeostasis



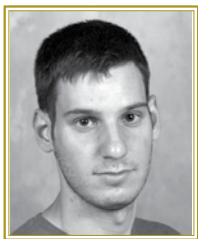
**ד"ר יהודה דינאי**  
**Dr. Yehuda Dinaii**

מחלקה: פיסיקה של חומר מעובה  
בהדרכת פרופ' יובל גפן

Department: Condensed Matter Physics  
Advised by Prof. Yuval Gefen

Title of thesis:  
Dephasing and energy dissipation in transport through quantum dots





**ד"ר דרור חורב**  
**Dr. Dror Chorev**

מחלקה: ביולוגיה מולקולרית של התא  
בהדרכת פרופ' בנימין גיגר  
ד"ר מיכל שרון

Department: Molecular Cell Biology  
Advised by Prof. Benjamin Geiger  
Dr. Michal Sharon

Title of thesis:  
Identification isolation and  
characterization of adhesion-related  
protein complexes



**ד"ר אמיר זית**  
**Dr. Amir Zait**

מחלקה: פיסיקה של חלקיקים ואסטרופיסיקה  
בהדרכת פרופ' עופר אהרוני  
פרופ' מיכה ברקוז

Department: Particle Physics and  
Astrophysics  
Advised by Prof. Ofer Aharony  
Prof. Micha Berkooz

Title of thesis:  
Holography of 1D fermi surfaces in AdS/  
CFT and constraining superconformal  
field theories with global symmetry using  
the conformal bootstrap



**ד"ר מריה זונטק**  
**Dr. Maria Zontak**

מחלקה: מדעי המחשב ומתמטיקה שימושית  
בהדרכת פרופ' מיכל אירני

Department: Computer Science &  
Applied Mathematics  
Advised by Prof. Michal Irani

Title of thesis:  
Internal statistics of a single natural image



**ד"ר רבקה טאוב (בגנו)**  
**Dr. Rivka Taub (Bagno)**

מחלקה: הוראת המדעים  
בהדרכת ד"ר מיכל ארמוני  
פרופ' מרדכי בן-ארי

Department: Science Teaching  
Advised by Dr. Michal Armoni  
Prof. Mordechai Ben-Ari

Title of thesis:  
The effect of computer science on physics  
learning in a computational science  
environment



**ד"ר יוליה חייקין**  
**Dr. Yulia Chaikin**

מחלקה: חומרים ופני שטח  
בהדרכת פרופ' ישראל רובינשטיין

Department: Materials & Interfaces  
Advised by Prof. Israel Rubinstein

Title of thesis:  
Synthesis of noble metal nanoparticles  
and their assembly on solid supports



**ד"ר אנה חיתריק**  
**Dr. Anna Hitrik**

מחלקה: בקרה ביולוגית  
בהדרכת ד"ר לילך גלבוז

Department: Biological Regulation  
Advised by Dr. Lilach Gilboa

Title of thesis:  
Control of gonad morphogenesis  
and Broad expression in *Drosophila  
melanogaster* by Combgap



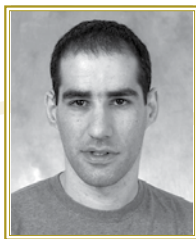
**ד"ר סרגיי וינטראוב**  
**Dr. Sergey Vaintraub**

מחלקה: פיסיקה של חלקיקים ואסטרופיסיקה  
בהדרכת פרופ' מיכאל הס  
ד"ר ישראל מרדוך, המרכז  
למחקר גרעיני שורק

Department: Particle Physics and  
Astrophysics

Advised by Prof. Michael Hass  
Dr. Israel Mardor, Soreq  
Nuclear Research Center

Title of thesis:  
Development of advanced methods for  
precision measurements of the beta-  
neutrino correlation

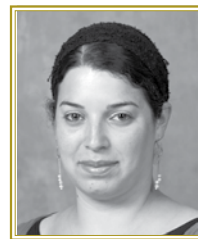


**ד"ר עופר ויטלס**  
**Dr. Ofer Vitells**

מחלקה: פיסיקה של חלקיקים ואסטרופיסיקה  
בהדרכת פרופ' עילם גרוס

Department: Particle Physics and  
Astrophysics  
Advised by Prof. Eilam Gross

Title of thesis:  
Search for charged Higgs bosons with the  
ATLAS experiment and dark matter in the  
XENON100 experiment



**ד"ר ענבל וורצל**  
**Dr. Inbal Wortzel**

מחלקה: בקרה ביולוגית  
בהדרכת פרופ' רוני זגר

Department: Biological Regulation  
Advised by Prof. Rony Seger

Title of thesis:  
Extracellular signal-regulated kinase 1c:  
activation localization and the role in  
mitotic golgi fragmentation



**ד"ר דיאנה וחל-רשקובן**  
**Dr. Diana Varol-Rashkovan**

מחלקה: אימונולוגיה  
בהדרכת פרופ' סטפן יונג

Department: Immunology  
Advised by Prof. Steffen Jung

Title of thesis:  
Studying the role of dicer and microRNAs  
in microglia of the developing and adult  
brain



**ד"ר מור ורבין**  
**Dr. Mor Verbin**

מחלקה: פיסיקה של מערכות מורכבות  
בהדרכת פרופ' ירון זילברברג

Department: Physics of Complex  
Systems  
Advised by Prof. Yaron Silberberg

Title of thesis:  
Topological phenomena observed in  
femtosecond laser written quasiperiodic  
waveguide structures



**ד"ר אנה ופריק**  
**Dr. Anna Veprik**

מחלקה: כימיה ביולוגית  
בהדרכת פרופ' מייקל ווקר

Department: Biological Chemistry  
Advised by Prof. Michael Walker

Title of thesis:  
The short chain fatty acid receptor GPR41  
and its role in function of pancreatic beta  
cells





**ד"ר רועי יצחק**  
**Dr. Roi Isaac**

מחלקה: ביולוגיה מולקולרית של התא  
בהדרכת פרופ' יחיאל זיק

Department: Molecular Cell Biology  
Advised by Prof. Yehiel Zick

Title of thesis:  
Novel pathways affecting IRS-2 action  
and beta cell function



**ד"ר יפית יצחייק אלקוצר**  
**Dr. Yafit Itzhaik Alkotzer**

מחלקה: חומרים ופני שטח  
בהדרכת פרופ' גרי הודס

Department: Materials & Interfaces  
Advised by Prof. Gary Hodes

Title of thesis:  
Sb<sub>2</sub>S<sub>3</sub> absorber in extremely thin  
absorber (ETA) solar cells



**ד"ר רעות ילון (אבני)**  
**Dr. Reut Yalon (Avni)**

מחלקה: בקרה ביולוגית  
בהדרכת פרופ' מיכל נאמן

Department: Biological Regulation  
Advised by Prof. Michal Neeman

Title of thesis:  
The vasculature of pregnancy



**ד"ר אופיר לאופר**  
**Dr. Ofir Laufer**

מחלקה: ניורוביולוגיה  
בהדרכת פרופ' רוני פז

Department: Neurobiology  
Advised by Prof. Rony Paz

Title of thesis:  
The neuronal substrates of emotional  
learning generalization



**ד"ר אייל כהן-חושן**  
**Dr. Eyal Cohen-Hoshen**

מחלקה: פיסיקה של חומר מעובה  
בהדרכת פרופ' ישראל בר-יוסף

Department: Condensed Matter Physics  
Advised by Prof. Israel Bar-Joseph

Title of thesis:  
Exciton-plasmon interactions in gold-  
quantum dot nanostructures



**ד"ר אור כהן**  
**Dr. Or Cohen**

מחלקה: פיסיקה של מערכות מורכבות  
בהדרכת פרופ' דוד מוכמל

Department: Physics of Complex  
Systems  
Advised by Prof. David Mukamel

Title of thesis:  
Long-range correlations in driven non-  
equilibrium systems



**ד"ר מריה טקצ'וב**  
**Dr. Maria Tkachev**

מחלקה: פיסיקה כימית  
בהדרכת פרופ' רון נעמן

Department: Chemical Physics  
Advised by Prof. Ron Naaman

Title of thesis:  
New method of constructing multi-sensor array based on non-covalent intermolecular interactions



**ד"ר אסף טל**  
**Dr. Asaf Tal**

מחלקה: פיסיקה של מערכות מורכבות  
בהדרכת פרופ' יואל סטבנס

Department: Physics of Complex Systems  
Advised by Prof. Joel Stavans

Title of thesis:  
Bacteriophage lambda integration and the effects of sRNA regulation on phenotypic noise



**ד"ר טל טולדנו**  
**Dr. Tal Toledano**

מחלקה: חומרים ופני שטח  
בהדרכת פרופ' דוד כאהן

Department: Materials & Interfaces  
Advised by Prof. David Cahen

Title of thesis:  
Electrical effect on charge transport through metal-organic monolayer-semiconductor junctions



**ד"ר אליהו יוסף**  
**Dr. Eliyahu Yosef**

מחלקה: כימיה ביולוגית  
בהדרכת פרופ' סטיבן קרליש

Department: Biological Chemistry  
Advised by Prof. Steven Karlish

Title of thesis:  
Protein-protein interactions in a hypothetical signaling complex of the Na<sup>+</sup>/K<sup>+</sup> ATPase?

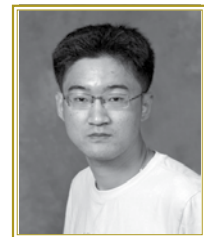


**ד"ר שלמה יוזף**  
**Dr. Shlomo Jozeph**

מחלקה: מדעי המחשב ומתמטיקה שימושית  
בהדרכת פרופ' אוריאל פייגה

Department: Computer Science & Applied Mathematics  
Advised by Prof. Uriel Feige

Title of thesis:  
Universal factor graphs



**ד"ר סונג-הון יאנג**  
**Dr. Seung-Hoon Yang**

מחלקה: כימיה ביולוגית  
בהדרכת פרופ' דוד ולך

Department: Biological Chemistry  
Advised by Prof. David Wallach

Title of thesis:  
Molecular mechanisms of the anti-inflammatory functions of caspase-8

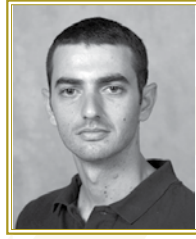


**ד"ר דקלה מונטקיו-מלטר**  
**Dr. Dikla Montekio-Malter**

מחלקה: מדעי הצמח והסביבה  
בהדרכת פרופ' יובל אשד

Department: Plant and Environmental Sciences  
Advised by Prof. Yuval Eshed

Title of thesis:  
Morphological and molecular responses to Florigen, a general plant hormone



**ד"ר עופר מולדבסקי**  
**Dr. Ofer Moldavski**

מחלקה: גנטיקה מולקולרית  
בהדרכת ד"ר מאיה שולדינר

Department: Molecular Genetics  
Advised by Dr. Maya Schuldiner

Title of thesis:  
A screen for inclusion body residents reveals a link between lipid droplets and protein quality control



**ד"ר מאיה מאור נוף**  
**Dr. Maya Maor Nof**

מחלקה: כימיה ביולוגית  
בהדרכת פרופ' אברהם ירון

Department: Biological Chemistry  
Advised by Prof. Avraham Yaron

Title of thesis:  
Transcriptional and post-transcriptional control of axonal degeneration



**ד"ר הדס סופר**  
**Dr. Hadas Soifer**

מחלקה: פיסיקה של מערכות מורכבות  
בהדרכת פרופ' נירית דודוביץ

Department: Physics of Complex Systems  
Advised by Prof. Nirit Dudovitch

Title of thesis:  
From measurement to control of attosecond dynamics via high harmonic generation



**ד"ר עומר מרקוביץ'**  
**Dr. Omer Markovitch**

מחלקה: גנטיקה מולקולרית  
בהדרכת פרופ' דורון לצט

Department: Molecular Genetics  
Advised by Prof. Doron Lancet

Title of thesis:  
Systems chemistry approach to prebiotic evolution

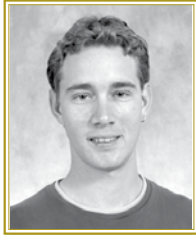


**ד"ר שירלי מרק**  
**Dr. Shirley Mark**

מחלקה: נוירוביולוגיה  
בהדרכת פרופ' מיכאל צודיקס

Department: Neurobiology  
Advised by Prof. Michail Tsodyks

Title of thesis:  
Rich dynamics in neural networks with short term synaptic plasticity



**ד"ר איתי לברט-אופיר**  
**Dr. Etay Lavert-Ofir**

מחלקה: פיסיקה כימית  
בהדרכת ד"ר אדוארדס נרייביצ'יוס

Department: Chemical Physics  
Advised by Dr. Ed Narevicius

Title of thesis:  
Control of mean velocities of supersonic beams

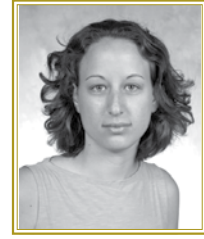


**ד"ר אבי לביא**  
**Dr. Avi Lavi**

מחלקה: מדעי כדור הארץ וכוכבי הלכת  
בהדרכת פרופ' ינון רודיך

Department: Earth and Planetary Sciences  
Advised by Prof. Yinon Rudich

Title of thesis:  
Aerosol exchange processes between the atmosphere and a semi-arid pine forest: laboratory and field measurements



**ד"ר מיכל לבוא**  
**Dr. Michal Levo**

מחלקה: מדעי המחשב ומתמטיקה שימושית  
בהדרכת פרופ' ערן סגל

Department: Computer Science & Applied Mathematics  
Advised by Prof. Eran Segal

Title of thesis:  
Behind the scene of transcriptional control: How is regulation implemented at the level of DNA binding?



**ד"ר גלעד לנדן**  
**Dr. Gilad Landan**

מחלקה: מדעי המחשב ומתמטיקה שימושית  
בהדרכת פרופ' עמוס תנאי  
פרופ' ורדה רוטר

Department: Computer Science & Applied Mathematics  
Advised by Prof. Amos Tanay  
Prof. Varda Rotter

Title of thesis:  
Linear and three-dimensional epigenomic remodeling in normal and cancerous cells

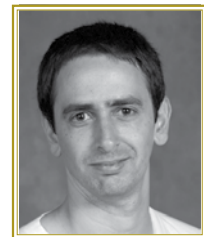


**ד"ר עינת לוי-אפטר**  
**Dr. Einat Levy-Apter**

מחלקה: גנטיקה מולקולרית  
בהדרכת פרופ' ארי אלסון

Department: Molecular Genetics  
Advised by Prof. Ari Elson

Title of thesis:  
Regulation of PTPe function by phosphorylation



**ד"ר אסף לוי**  
**Dr. Asaf Levy**

מחלקה: גנטיקה מולקולרית  
בהדרכת פרופ' רותם שורק

Department: Molecular Genetics  
Advised by Prof. Rotem Sorek

Title of thesis:  
Computational genomic approaches to study the interaction of bacteria with foreign DNA

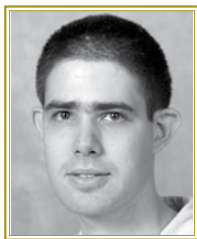


**ד"ר מרב פרטר**  
**Dr. Merav Parter**

מחלקה: מדעי המחשב ומתמטיקה שימושית  
בהדרכת פרופ' דוד פלג

Department: Computer Science &  
Applied Mathematics  
Advised by Prof. David Peleg

Title of thesis:  
The topology of wireless communication  
and applications



**ד"ר אלון פקטור**  
**Dr. Alon Faktor**

מחלקה: מדעי המחשב ומתמטיקה שימושית  
בהדרכת פרופ' מיכל אירני

Department: Computer Science &  
Applied Mathematics  
Advised by Prof. Michal Irani

Title of thesis:  
Segmentation and clustering by  
composition using the wisdom of crowds  
of images



**ד"ר יוהנס פלוס**  
**Dr. Johannes Leonhard Floss**

מחלקה: פיסיקה כימית  
בהדרכת פרופ' איליה אברבוך

Department: Chemical Physics  
Advised by Prof. Ilya Averbukh

Title of thesis:  
Advanced control of rotational and  
translational molecular dynamics by short  
laser pulses



**ד"ר זהורית קאפח**  
**Dr. Zehorit Kapach**

מחלקה: הוראת המדעים  
בהדרכת פרופ' בת-שבע אלון  
ד"ר אסתר בגנו

Department: Science Teaching  
Advised by Prof. Bat-Sheva Eylon  
Dr. Esther Bagno

Title of thesis:  
From traditional laboratory to inquiry-  
based laboratory in high school physics  
instruction: professional development of  
teachers



**ד"ר דוד צביון**  
**Dr. David Tsvion**

מחלקה: חומרים ופני שטח  
בהדרכת פרופ' ארנסטו יוסלביץ'

Department: Materials & Interfaces  
Advised by Prof. Ernesto Joselevich

Title of thesis:  
Guided growth of horizontal nanowires



**ד"ר מרינה צ'רניאבסקי-לב**  
**Dr. Marina Cherniavsky-Lev**

מחלקה: כימיה ביולוגית  
בהדרכת פרופ' סטיבן קרליש  
פרופ' חיים גרטי

Department: Biological Chemistry  
Advised by Prof. Steven Karlisch  
Prof. Haim Garty

Title of thesis:  
Characterization of effects of cardiac  
glycosides on different isoforms of Na<sup>+</sup>/  
K<sup>+</sup> ATPase in cellular systems

PhD Recipients



**ד"ר ליאור ספונרו**  
**Dr. Lior Sepunaru**

מחלקה: חומרים ופני שטח  
בהדרכת פרופ' דוד כאהן  
פרופ' מרדכי שבס

Department: Materials & Interfaces  
Advised by Prof. David Cahen  
Prof. Mordechai Sheves

Title of thesis:  
Building blocks towards systematic  
bioelectronics



**ד"ר הדר סינבני**  
**Dr. Hadar Sinvani**

מחלקה: כימיה ביולוגית  
בהדרכת פרופ' רבקה דיקשטיין

Department: Biological Chemistry  
Advised by Prof. Rivka Dikstein

Title of thesis:  
Investigation of the translation  
mechanism mediated by TISU and its  
physiological significance

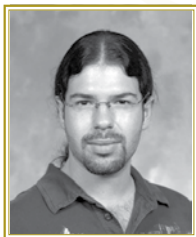


**ד"ר רעיה סורקין**  
**Dr. Raya Sorkin**

מחלקה: חומרים ופני שטח  
בהדרכת פרופ' יעקב קליין

Department: Materials & Interfaces  
Advised by Prof. Jacob Klein

Title of thesis:  
Lubrication and interfacial modification  
by attached liposomes



**ד"ר עמרי פינגולד**  
**Dr. Omri Faingold**

מחלקה: כימיה ביולוגית  
בהדרכת פרופ' יחיאל שי

Department: Biological Chemistry  
Advised by Prof. Yechiel Shai

Title of thesis:  
T cell neutralization by envelope proteins  
of T cell retroviruses



**ד"ר מוחמד עלי**  
**Dr. Muhammad Ali**

מחלקה: כימיה ביולוגית  
בהדרכת פרופ' טוני פוטרמן

Department: Biological Chemistry  
Advised by Prof. Tony Futerman

Title of thesis:  
The influence of ceramide synthase 2  
deficiency on liver physiology



**ד"ר ניר ספיר**  
**Dr. Nir Sapir**

מחלקה: פיסיקה של חלקיקים ואסטרופיסיקה  
בהדרכת פרופ' אלי וקסמן

Department: Particle Physics and  
Astrophysics  
Advised by Prof. Eli Waxman

Title of thesis:  
Non-relativistic shock breakouts from  
supernovae



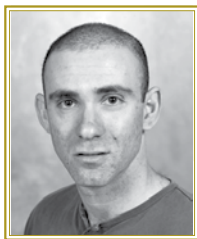


**ד"ר אמיר רובינשטיין**  
**Dr. Amir Rubinstein**

מחלקה: כימיה אורגנית  
בהדרכת פרופ' רוני נוימן

Department: Organic Chemistry  
Advised by Prof. Ronny Neumann

Title of thesis:  
The combination of nitrogen and sulfur oxide compounds with transition-metal-substituted polyoxometalates as a platform for novel catalytic aerobic oxidations of alkenes



**ד"ר גל רדובסקי**  
**Dr. Gal Radovsky**

מחלקה: חומרים ופני שטח  
בהדרכת פרופ' רשף טנא

Department: Materials & Interfaces  
Advised by Prof. Reshef Tenne

Title of thesis:  
Nanotubes from chalcogenide misfit layered compounds: synthesis and study of their structure

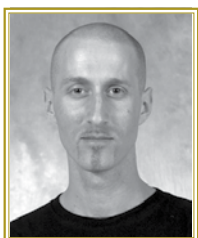


**ד"ר דנה רבינוביץ'**  
**Dr. Dana Rabinovich**

מחלקה: ביולוגיה מולקולרית של התא  
בהדרכת ד"ר אוהן שולדינר

Department: Molecular Cell Biology  
Advised by Dr. Oren Schuldiner

Title of thesis:  
Using a novel brain culturing and live imaging technique to study molecular and cellular aspects of neuronal remodeling

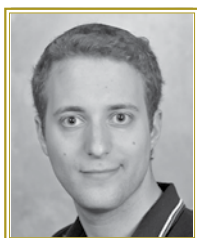


**ד"ר גיא רוזנצוויג**  
**Dr. Guy Rosenzweig**

מחלקה: פיסיקה של חלקיקים ואסטרופיסיקה  
בהדרכת פרופ' יצחק מרון

Department: Particle Physics and Astrophysics  
Advised by Prof. Yitzhak Maron

Title of thesis:  
Investigation of the magnetic field distribution and the fundamental properties of an imploding plasma near and during stagnation



**ד"ר סרג' רוזנבלום**  
**Dr. Serge Rosenblum**

מחלקה: פיסיקה כימית  
בהדרכת ד"ר ברק דיין

Department: Chemical Physics  
Advised by Dr. Barak Dayan

Title of thesis:  
Photon-photon interactions in the fast-cavity limit



**ד"ר שלי רוזן**  
**Dr. Shelly Rozen**

מחלקה: כימיה ביולוגית  
בהדרכת ד"ר מיכל שרון

Department: Biological Chemistry  
Advised by Dr. Michal Sharon

Title of thesis:  
A structural mass spectrometry analysis of the human COP9 signalosome complex





**ד"ר יעל קליאונסקי**  
**Dr. Yael Klionsky**

מחלקה: אימונולוגיה  
בהדרכת פרופ' יאיר רייזנר

Department: Immunology  
Advised by Prof. Yair Reisner

Title of thesis:  
The role of perforin-expressing dendritic cells in induction of transplant tolerance and in the maintenance of physiological integrity



**ד"ר רומן קורובקו**  
**Dr. Roman Korobko**

מחלקה: חומרים ופני שטח  
בהדרכת פרופ' איגור לובומירסקי

Department: Materials & Interfaces  
Advised by Prof. Igor Lubomirsky

Title of thesis:  
Control of elastic properties of ceramics by external electric field



**ד"ר סיון קגן**  
**Dr. Sivan Kagan**

מחלקה: ביולוגיה מולקולרית של התא  
בהדרכת פרופ' דב צפורי

Department: Molecular Cell Biology  
Advised by Prof. Dov Zipori

Title of thesis:  
Mesenchymal stromal cell identity: Embryonic origin and the effect of mutant p53 allele on their genomic stability

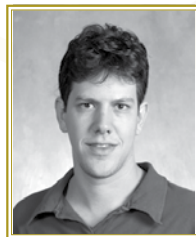


**ד"ר אייל קרצברון**  
**Dr. Eyal Karzbrun**

מחלקה: חומרים ופני שטח  
בהדרכת פרופ' רועי בר-זיו

Department: Materials & Interfaces  
Advised by Prof. Roy Bar-Ziv

Title of thesis:  
Programmable on-chip DNA compartments as artificial cells

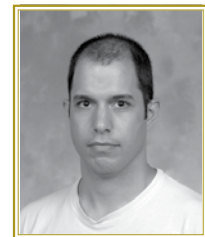


**ד"ר אפרים קניגסברג**  
**Dr. Ephraim Kenigsberg**

מחלקה: מדעי המחשב ומתמטיקה שימושית  
בהדרכת פרופ' עמוס תנאי

Department: Computer Science & Applied Mathematics  
Advised by Prof. Amos Tanay

Title of thesis:  
Heterogeneity and context-dependency in genome evolution and transcription regulation

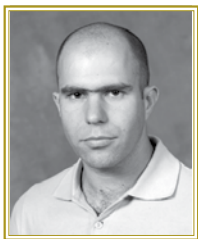


**ד"ר ניצן קלינגהופר**  
**Dr. Nizan Klinghoffer**

מחלקה: פיסיקה של חלקיקים ואסטרופיסיקה  
בהדרכת פרופ' עופר אהרוני  
פרופ' מיכה ברכוז

Department: Particle Physics and Astrophysics  
Advised by Prof. Ofer Aharony  
Prof. Micha Berkooz

Title of thesis:  
The effective string theory and multi-trace deformations in the AdS/CFT correspondence



**ד"ר איתי שומרני**  
**Dr. Itay Shomroni**

מחלקה: פיסיקה כימית  
בהדרכת ד"ר ברק דיין

Department: Chemical Physics  
Advised by Dr. Barak Dayan

Title of thesis:  
All-optical single photon switch based on a single atom



**ד"ר יוליה שוורץ**  
**Dr. Yulia Shwartz**

מחלקה: גנטיקה מולקולרית  
בהדרכת פרופ' אלעזר זלצר

Department: Molecular Genetics  
Advised by Prof. Elazar Zelzer

Title of thesis:  
The cellular basis of skeletal development



**ד"ר עדי שגיב**  
**Dr. Adi Sagiv**

מחלקה: ביולוגיה מולקולרית של התא  
בהדרכת ד"ר ולרי קריזנובסקי

Department: Molecular Cell Biology  
Advised by Dr. Valery Krizhanovsky

Title of thesis:  
Regulatory mechanisms of NK-cell-mediated immune surveillance of senescent cells



**ד"ר אורי שטייניץ**  
**Dr. Uri Steinitz**

מחלקה: פיסיקה כימית  
בהדרכת פרופ' איליה אברבוך

Department: Chemical Physics  
Advised by Prof. Ilya Averbukh

Title of thesis:  
Laser-induced macroscopic rotational effects in molecular gases

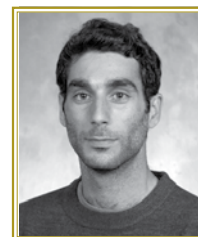


**ד"ר חן שחר**  
**Dr. Chen Shahar**

מחלקה: כימיה אורגנית  
בהדרכת פרופ' בוריס ריבצ'ינסקי

Department: Organic Chemistry  
Advised by Prof. Boris Rybtchinski

Title of thesis:  
Highly ordered PDI-based self-assembled systems in aqueous solution



**ד"ר אפרים שחמון**  
**Dr. Ephraim Shahmoon**

מחלקה: פיסיקה כימית  
בהדרכת פרופ' גרשון קוריזקי

Department: Chemical Physics  
Advised by Prof. Gershon Kurizki

Title of thesis:  
Quantum electrodynamics in confined geometries



**ד"ר נועה ריבלין**  
**Dr. Noa Rivlin**

מחלקה: ביולוגיה מולקולרית של התא  
בהדרכת פרופ' ורדה רוטר

Department: Molecular Cell Biology  
Advised by Prof. Varda Rotter

Title of thesis:  
The role of p53 in pluripotent stem cells

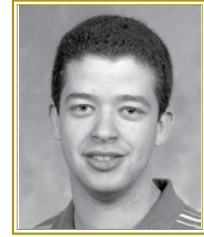


**ד"ר נטלי רזניקוב**  
**Dr. Natalie Reznikov**

מחלקה: ביולוגיה מבנית  
בהדרכת פרופ' סטיב וינר  
פרופ' חן שחר, האוניברסיטה  
העברית בירושלים

Department: Structural Biology  
Advised by Prof. Steve Weiner  
Prof. Ron Shahar, The  
Hebrew University of  
Jerusalem

Title of thesis:  
The adaptation of mechanical properties  
of lamellar bone tissue



**ד"ר חן רוטבלום**  
**Dr. Ron Rothblum**

מחלקה: מדעי המחשב ומתמטיקה שימושית  
בהדרכת פרופ' עודד גולדרייך

Department: Computer Science &  
Applied Mathematics  
Advised by Prof. Oded Goldreich

Title of thesis:  
Verifiable outsourcing of computation



**ד"ר ג'ניפר רסניק**  
**Dr. Jennifer Resnik**

מחלקה: ניורוביולוגיה  
בהדרכת פרופ' רוני פז

Department: Neurobiology  
Advised by Prof. Ronny Paz

Title of thesis:  
Neural and perceptual mechanisms for  
generalization of aversive learning



**ד"ר אינה ריקרדו-לאקס**  
**Dr. Inna Ricardo-Lax**

מחלקה: גנטיקה מולקולרית  
בהדרכת פרופ' יוסף שאול

Department: Molecular Genetics  
Advised by Prof. Yosef Shaul

Title of thesis:  
Molecular basis of HBV interaction with  
growth-arrested cells



**ד"ר דניאל רייכמן**  
**Dr. Daniel Reichman**

מחלקה: מדעי המחשב ומתמטיקה שימושית  
בהדרכת פרופ' אוריאל פייגה

Department: Computer Science &  
Applied Mathematics  
Advised by Prof. Uriel Feige

Title of thesis:  
From contagious sets to independent sets:  
the layers model with applications



**ד"ר ענת שפרברג-אבני**  
**Dr. Anat Shperberg-Avni**

מחלקה: כימיה ביולוגית  
בהדרכת ד"ר דרור נוי  
פרופ' זיו רייך

Department: Biological Chemistry  
Advised by Dr. Dror Noy  
Prof. Ziv Reich

Title of thesis:  
An electron microscopy study of state  
transitions in cyanobacteria



**ד"ר נטליה שנקר-גרסייה**  
**Dr. Natalia Szenkier-Garcia**

מחלקה: כימיה אורגנית  
בהדרכת פרופ' אברהם שנצר

Department: Organic Chemistry  
Advised by Prof. Abraham Shanzer

Title of thesis:  
Non-peptide proteasome inhibitors  
for the treatment of resistant multiple  
myeloma



**ד"ר מתן שנצר**  
**Dr. Matan Shanzer**

מחלקה: גנטיקה מולקולרית  
בהדרכת פרופ' יוסף שאול

Department: Molecular Genetics  
Advised by Prof. Yosef Shaul

Title of thesis:  
Regulation of the Hippo tumor  
suppressor pathway by polyomavirus  
middle T-antigen and its associated kinase  
c-Src



**ד"ר אננד קומר תטיקונדה**  
**Dr. Anand Kumar Tatikonda**

מחלקה: פיסיקה כימית  
בהדרכת פרופ' רון נעמן

Department: Chemical Physics  
Advised by Prof. Ron Naaman

Title of thesis:  
A hybrid organic-inorganic biosensor  
operating in harsh physiological fluids



**ד"ר רותם תדהר**  
**Dr. Rotem Tidhar**

מחלקה: כימיה ביולוגית  
בהדרכת פרופ' טוני פוטרמן

Department: Biological Chemistry  
Advised by Prof. Tony Futerman

Title of thesis:  
Characterization of functional domains of  
ceramide synthases (CerS)

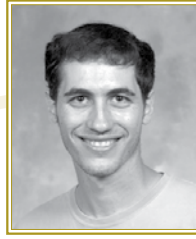


**ד"ר איגור שינקר**  
**Dr. Igor Shinkar**

מחלקה: מדעי המחשב ומתמטיקה שימושית  
בהדרכת פרופ' אירית דינור

Department: Computer Science &  
Applied Mathematics  
Advised by Prof. Irit Dinur

Title of thesis:  
Topics on local-to-global phenomena in  
large combinatorial objects



**ד"ר אסף שימשוביץ**  
**Dr. Asaf Shimshovitz**

מחלקה: פיסיקה כימית  
בהדרכת פרופ' דוד טנור

Department: Chemical Physics  
Advised by Prof. David Tannor

Title of thesis:  
Phase space approach to solving the  
Schrodinger equation

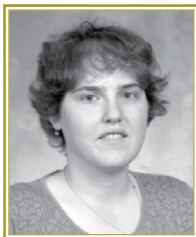


**ד"ר שני שטרן**  
**Dr. Shani Stern**

מחלקה: פיסיקה של מערכות מורכבות  
בהדרכת פרופ' אלישע מוזס

Department: Physics of Complex  
Systems  
Advised by Prof. Elisha Moses

Title of thesis:  
Ion channels and excitation of neuronal  
networks in health and disease



**ד"ר דפנה שמעון**  
**Dr. Daphna Shimon**

מחלקה: פיסיקה כימית  
בהדרכת פרופ' שמעון ווגה

Department: Chemical Physics  
Advised by Prof. Shimon Vega

Title of thesis:  
Understanding mechanisms of dynamic  
nuclear polarization: experiments and  
theory



**ד"ר ריטה שמידט**  
**Dr. Rita Schmidt**

מחלקה: פיסיקה כימית  
בהדרכת פרופ' לוסיו פרידמן

Department: Chemical Physics  
Advised by Prof. Lucio Frydman

Title of thesis:  
Spatiotemporal encoding in 3D  
ultrafast magnetic resonance imaging:  
developing principles and translations to  
a clinical setting



**ד"ר אריק שיפרוט**  
**Dr. Eric Shifrut**

מחלקה: אימונולוגיה  
בהדרכת ד"ר ניר פרידמן

Department: Immunology  
Advised by Dr. Nir Friedman

Title of thesis:  
Exploring determinants of the TCR beta  
repertoire in mice using next-generation  
sequencing technology

# M.Sc. Recipients

Lior Abramson  
Inbar Aharon  
Alla Aharonov  
Michael Aldam  
Daniel Aloni  
Tal Amir  
Sergey Anpilov  
Matan Atzmon  
Rona Aviram  
Ortal Bachar  
Omri Bar-Elli  
Noa Barak  
Noy Barak  
Dror Baran  
Yigal Barkan  
Rachel Begas  
Hila Ben Yehuda  
Ido Biran  
Mor Blau  
Yaara Bondy  
Avishay Bratt  
Rachel Brockhage  
Michal Chapal  
Yoav Charpak-Amikam  
Rei Chemke  
Nadav Cohen  
Guy Dagan  
Assi Dahan  
Maayan Doody  
Adam Doron  
Hagai Edri  
Assaf Elazar  
Nimrod Elazar  
Tamir Eliav  
Eran Erdal  
Zohar Erez  
Salih Faraj  
Daniel Fleischer  
Assaf Reuven Gavish  
Dar Gilboa  
Doron Gilboa  
Gily Ginosar  
Shmuel Gleizer  
Omri Goldberg  
Yael Goren  
Elad Granot  
Itay Griniasty  
Shany Grossman  
Gabriel Guendelman  
Doron Gurovich  
Masha Gutman  
Ron Hadas  
Eliane Hadas Yardeni  
Netta Haim  
Lior Handler  
Michal Har-Tal  
Lia Heinemann Yerushalmi  
Yecheil Hershenson  
Ariel Hirschhorn  
Stav Horesh  
Ilan Hurwitz  
Aviv Jonathan Sharon  
Noam Kakhlon  
Uri Katz



Tom Kaufman  
Hadar Kedem  
Ilya Khivrich  
Alex Kogan  
Dmitry Kogan  
Yael Korem  
Uri Korisky  
Ilia Korobko  
Olga Kraynis  
Doron Kukliansky  
Michael Kulbak  
Ohr Lahad  
Shaul Lerner  
Liat Liberman  
Eliahu Libman  
Aviezer Lifshitz  
Noa Dina Loewenthal  
Or Lotan  
Tal Lupo  
Yuval Madar  
Rakia Manela  
Dean Mark  
Hagai Marmor-Kollet  
Neta Marmor-Kollet  
Haggai Maron  
Ori Maza  
Omer Meir  
Adi Menahem  
Ami Mor  
Nofar Mor  
Toot Moran  
Yotam Nadav

Aviv Naftaly  
Yotam Nagar  
Kadouri Noam  
Reut Nuri  
Yael Nurick  
Dror Oren  
Eran Oren  
Roy Patael Yohai  
Michal Perach  
Liron Pinchover  
Sivan Pinto  
Tamar Polacheck  
Inbal Rachel Livni Navon  
Efrat Ramati  
Revital Ravid  
Jennifer Raz  
Gilad Reut  
Ido Rog  
Gili Rosenberg  
Amir Rosenblatt  
Etai Rotem  
Aviv Rotman  
Rotem Ruach  
Mica Rubinson  
Raluca Rufu  
Ziv Sade  
Noa Sadeh  
Yonatan Sadeh  
Ella Sanders  
Gili Schapira  
Anat Segev-Shemer  
Ravid Shaniv

Ary Shaviv  
Ofir Olga Shein  
Margarita Shepelenko  
Clara Shikhelman  
Michal Shreberk-Shaked  
Ofer Shwartz  
Adam Solomon  
Eitan Stattia  
Idan Tamir  
Shira Tanny  
Victoria Tarle  
Shiran Tehila Mashiah  
Ido Toren  
Aviram Uri  
Ilya Vainberg Slutskin  
Liran Valadarsky  
Uri Weill  
Eyal Weinreb  
Limor Wigdorovitz  
Yoav Wigelman  
Roni Winkler  
Amnon Yacoby  
Stav Yagev  
Oren Yifa  
Meytar Zemer  
Ariel Zinger  
Asaf Ziv  
Omer Zuqert



**מייקל אלדמ**  
**Michael Aldam**

מגמה: מדעי הפיסיקה  
בהדרכת ד"ר ערן בוכבינדר

Field of Study: Physical Sciences  
Advised by Dr. Eran Bouchbinder

Title of thesis:  
The onset of frictional motion:  
from finite-time singularities to  
spatiotemporal instabilities



**דרור אורן**  
**Dror Oren**

מגמה: מדעי הכימיה  
בהדרכת פרופ' דוד מילשטיין

Field of Study: Chemical Sciences  
Advised by Prof. David Milstein

Title of thesis:  
Synthesis characterization and  
reactivity of nickel pincer-type  
pyridine- and acridine-based  
complexes



**ערן אורן**  
**Eran Oren**

מגמה: מדעי הפיסיקה  
בהדרכת פרופ' רועי בר-זיו

Field of Study: Physical Sciences  
Advised by Prof. Roy Bar-Ziv

Title of thesis:  
Towards studying gene networks in a  
cell-free microfluidic system



**אסף אלעזר**  
**Assaf Elazar**

מגמה: מדעי החיים  
בהדרכת ד"ר שראל פליישמן

Field of Study: Life Sciences  
Advised by Dr. Sarel Fleishman

Title of thesis:  
High resolution mapping of the  
thermodynamic contributions to  
protein insertion and association in  
biological membranes



**תמיר אליאב**  
**Tamir Eliav**

מגמה: מדעי החיים  
בהדרכת פרופ' נחום אולנובסקי

Field of Study: Life Sciences  
Advised by Prof. Nachum Ulanovsky

Title of thesis:  
No cellular oscillations in the  
hippocampal formation of behaving  
bats and developing novel methods for  
wireless neural recordings



**דניאל אלוני**  
**Daniel Aloni**

מגמה: מדעי הפיסיקה  
בהדרכת פרופ' יוסף ניר

Field of Study: Physical Sciences  
Advised by Prof. Yosef Nir

Title of thesis:  
h-> mu tau decays in minimal  
supersymmetric standard model



**חגי אדרי**  
**Hagai Edri**

מגמה: מדעי הפיזיקה  
בהדרכת פרופ' ניר דוידזון

Field of Study: Physical Sciences  
Advised by Prof. Nir Davidson

Title of thesis:  
Bose-Einstein condensate in an optically plugged magnetic trap



**ליאור אברמסון**  
**Lior Abramson**

מגמה: מדעי החיים  
בהדרכת ד"ר ערן אלינב

Field of Study: Life Sciences  
Advised by Dr. Eran Elinav

Title of thesis:  
Characterizing the role of Nlrp10 in shaping the inflamed gut environment



**חנה אבירם**  
**Rona Aviram**

מגמה: מדעי החיים  
בהדרכת ד"ר גד אשר

Field of Study: Life Sciences  
Advised by Dr. Gad Asher

Title of thesis:  
Diurnal oscillations within subcellular organelles are coupled by the circadian clock

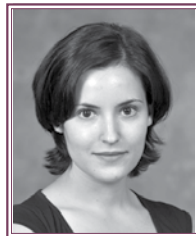


**אבירם אורי**  
**Aviram Uri**

מגמה: מדעי הפיזיקה  
בהדרכת פרופ' אלי זלדוב

Field of Study: Physical Sciences  
Advised by Prof. Eli Zeldov

Title of thesis:  
Fabrication and characterization of multi-junction multi-terminal superconducting quantum interference device on a tip



**אלה אהרונוב**  
**Alla Aharonov**

מגמה: מדעי החיים  
בהדרכת פרופ' אלדד צחור

Field of Study: Life Sciences  
Advised by Prof. Eldad Tzahor

Title of thesis:  
ERBB2 triggers mammalian heart regeneration by promoting cardiomyocyte dedifferentiation and proliferation



**ענבר אהרון**  
**Inbar Aharon**

מגמה: מתמטיקה ומדעי המחשב  
בהדרכת ד"ר ירון ליפמן

Field of Study: Mathematics and Computer Science  
Advised by Dr. Yaron Lipman

Title of thesis:  
Two-layer alignment between images



**אורטל בכר**  
**Ortal Bachar**

מגמה: מדעי הכימיה  
בהדרכת פרופ' ישראל חובינשטיין  
ד"ר אלכסנדר וסקביץ

Field of Study: Chemical Sciences  
Advised by Prof. Israel Rubinstein  
Dr. Alexander Vaskevich

Title of thesis:  
Application of localized plasmon  
resonance spectroscopy to  
immunoassay



**עידו בירן**  
**Ido Biran**

מגמה: מדעי החיים  
בהדרכת פרופ' איתן ביבי

Field of Study: Life Sciences  
Advised by Prof. Eitan Bibi

Title of thesis:  
Investigating the role of cold shock  
proteins under physiological conditions  
and in the biogenesis of membrane  
protein-encoding transcripts



**יערה בונדי**  
**Yaara Bondy**

מגמה: מדעי הכימיה  
בהדרכת פרופ' יחיעם פריאור

Field of Study: Chemical Sciences  
Advised by Prof. Yehiam Prior

Title of thesis:  
Measurements and characterization of  
surface plasmons around nanocavities



**עמרי בר-אלי**  
**Omri Bar-Elli**

מגמה: מדעי הכימיה  
בהדרכת פרופ' דן אורון

Field of Study: Chemical Sciences  
Advised by Prof. Dan Oron

Title of thesis:  
Non-linear optical properties of  
metal/semiconductor core/shell hybrid  
nanostructures



**הילה בן יהודה**  
**Hila Ben Yehuda**

מגמה: מדעי החיים  
בהדרכת פרופ' מיכל שוורץ

Field of Study: Life Sciences  
Advised by Prof. Michal Schwartz

Title of thesis:  
The CNS as an immune-privileged site  
and the mechanisms underlying this  
function

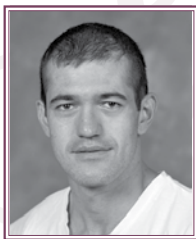


**מור בלאו**  
**Mor Blau**

מגמה: מדעי החיים  
בהדרכת פרופ' אביחי דנון

Field of Study: Life Sciences  
Advised by Prof. Avihai Danon

Title of thesis:  
Bioinformatic analysis of the  
triacylglycerol rich *Chlamydomonas  
reinhardtii* mutant



**סרגיי אנפילוב**  
**Sergey Anpilov**

מגמה: מדעי החיים  
בהדרכת פרופ' אלון חן

Field of Study: Life Sciences  
Advised by Prof. Alon Chen

Title of thesis:  
Oxytocinergic regulation of social behavior: new insights from group interaction



**טל אמיר**  
**Tal Amir**

מגמה: מתמטיקה ומדעי המחשב  
בהדרכת פרופ' רוני בצרי

Field of Study: Mathematics and Computer Science  
Advised by Prof. Ronen Basri

Title of thesis:  
Multi-view structure from motion using rank-constrained optimization



**נמרוד אלעזר**  
**Nimrod Elazar**

מגמה: מדעי החיים  
בהדרכת פרופ' אליאור (אורי) פלס

Field of Study: Life Sciences  
Advised by Prof. Elior (Ori) Peles

Title of thesis:  
Studies of myelin-associated protein (MAG) involved in neurological disease



**רחל בגס**  
**Rachel Begas**

מגמה: מדעי החיים  
בהדרכת ד"ר לילך גלבוז

Field of Study: Life Sciences  
Advised by Dr. Lilach Gilboa

Title of thesis:  
Identification of a novel gene affecting EGFR signaling

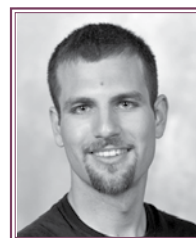


**זוהר ארז**  
**Zohar Erez**

מגמה: מדעי החיים  
בהדרכת פרופ' רוטם שורק

Field of Study: Life Sciences  
Advised by Prof. Rotem Sorek

Title of thesis:  
Microbial communication during bacteriophage infection



**ערן ארדל**  
**Eran Erdal**

מגמה: מדעי הפיסיקה  
בהדרכת פרופ' עמוס ברסקין

Field of Study: Physical Sciences  
Advised by Prof. Amos Breskin

Title of thesis:  
Liquid Hole Multipliers: a new concept for large-volume noble-liquid time projection chambers



**עמרי גולדברג**  
**Omri Goldberg**

מגמה: מדעי הכימיה  
בהדרכת פרופ' יחיעם פריאור

Field of Study: Chemical Sciences  
Advised by Prof. Yehiam Prior

Title of thesis:  
Mechanical mapping of composite materials by Raman spectroscopy



**מאשה גוטמן**  
**Masha Gutman**

מגמה: מתמטיקה ומדעי המחשב  
בהדרכת פרופ' עדי שמיר

Field of Study: Mathematics and Computer Science  
Advised by Prof. Adi Shamir

Title of thesis:  
Improved top-down techniques in differential cryptanalysis



**אסף ראובן גביש**  
**Assaf Reuven Gavish**

מגמה: מדעי החיים  
בהדרכת ד"ר אסף ורדי

Field of Study: Life Sciences  
Advised by Dr. Assaf Vardi

Title of thesis:  
In vivo characterization of coral-pathogen interactions using a novel microfluidics system



**גילי גינוסר**  
**Gily Ginosar**

מגמה: מדעי החיים  
בהדרכת פרופ' נחום אולנובסקי  
ד"ר עופר יזהר

Field of Study: Life Sciences  
Advised by Prof. Nachum Ulanovsky  
Dr. Ofer Yizhar

Title of thesis:  
Characterization of 3D grid cells in flying bats and implementation of optogenetic tools in bats



**יעל גורן**  
**Yael Goren**

מגמה: מדעי הכימיה  
בהדרכת פרופ' גלעד הרן

Field of Study: Chemical Sciences  
Advised by Prof. Gilad Haran

Title of thesis:  
Correlated diffusion of lipids within a phospholipid bilayer



**דורון גורוביץ**  
**Doron Gurovich**

מגמה: מדעי הפיסיקה  
בהדרכת פרופ' דן שחר

Field of Study: Physical Sciences  
Advised by Prof. Dan Shahar

Title of thesis:  
Little-Parks oscillations in a single ring in the vicinity of the superconductor-insulator transition





**דור ברן**  
**Dror Baran**

מגמה: מדעי החיים  
בהדרכת ד"ר שראל פליישמן

Field of Study: Life Sciences  
Advised by Dr. Sarel Fleishman

Title of thesis:  
Computational design of de-novo  
insulin-binding antibodies



**אבישי ברט**  
**Avishay Bratt**

מגמה: מדעי החיים  
בהדרכת פרופ' רוברט פלור

Field of Study: Life Sciences  
Advised by Prof. Robert Fluhr

Title of thesis:  
Compartmentalized stress-induced  
redox fingerprint



**רחל ברוקג'**  
**Rachel Brockhage**

מגמה: מדעי החיים  
בהדרכת פרופ' אסף אהרונים

Field of Study: Life Sciences  
Advised by Prof. Asaph Aharoni

Title of thesis:  
Application of lipidomics to the study  
of very long chain fatty acid-mediated  
signaling in the shoot apical meristem



**יגאל ברקן**  
**Yigal Barkan**

מגמה: מדעי הכימיה  
בהדרכת ד"ר איתי הלוי

Field of Study: Chemical Sciences  
Advised by Dr. Itay Halevy

Title of thesis:  
Sulfur isotopic effects during carbonate-  
associated sulfate incorporation



**נוי ברק**  
**Noy Barak**

מגמה: מדעי החיים  
בהדרכת פרופ' אהוד אחיסר  
ד"ר טלי קמחי

Field of Study: Life Sciences  
Advised by Prof. Ehud Ahissar  
Dr. Tali Kimchi

Title of thesis:  
A new perspective for evaluating  
autistic-like abnormalities in mice  
models through examining patterns of  
active touch and sniffing



**נעה ברק**  
**Noa Barak**

מגמה: מדעי החיים  
בהדרכת ד"ר אסף ורדי

Field of Study: Life Sciences  
Advised by Dr. Assaf Vardi

Title of thesis:  
From cellular processes to ecological  
impact: mechanisms regulating  
bacterial interactions with the bloom-  
forming marine phytoplankton  
*Emiliana huxleyi*



**מעין דודי**  
**Maayan Doody**

מגמה: מדעי החיים  
בהדרכת פרופ' ורדה רוטר

Field of Study: Life Sciences  
Advised by Prof. Varda Rotter

Title of thesis:  
Investigation of the mechanism underlying the stabilization of mutant p53 towards wild-type conformation in embryonic stem cells



**אסי דהן**  
**Assi Dahan**

מגמה: מדעי הפיסיקה  
בהדרכת פרופ' אורי אלון

Field of Study: Physical Sciences  
Advised by Prof. Uri Alon

Title of thesis:  
Entry and exit from synchrony in joint improvised motion



**גיא דגן**  
**Guy Dagan**

מגמה: מדעי הכימיה  
בהדרכת פרופ' אילן קורן

Field of Study: Chemical Sciences  
Advised by Prof. Ilan Koren

Title of thesis:  
Exploring the interplay between key processes in warm convective clouds



**אילן הורביץ**  
**Ilan Hurwitz**

מגמה: מדעי הפיסיקה  
בהדרכת פרופ' ירון זילברברג

Field of Study: Physical Sciences  
Advised by Prof. Yaron Silberberg

Title of thesis:  
Long trains of ultrashort pulses for coherent control of molecular rotations and vibrations



**רון הדס**  
**Ron Hadas**

מגמה: מדעי החיים  
בהדרכת פרופ' מיכל נאמן  
פרופ' נאוה דקל

Field of Study: Life Sciences  
Advised by Prof. Michal Neeman  
Prof. Nava Dekel

Title of thesis:  
The angiogenic role of hyaluronic acid in embryo implantation



**אדם דורון**  
**Adam Doron**

מגמה: מדעי הפיסיקה  
בהדרכת פרופ' דן שחר

Field of Study: Physical Sciences  
Advised by Prof. Dan Shahar

Title of thesis:  
Temperature-independent insulator



**שמואל גלייזר**  
**Shmuel Gleizer**

מגמה: מדעי החיים  
בהדרכת פרופ' רון מילוא

Field of Study: Life Sciences  
Advised by Prof. Ron Milo

Title of thesis:  
Metabolic engineering and directed evolution of *E. coli* towards autotrophic growth



**דורון גלבוע**  
**Doron Gilboa**

מגמה: מדעי הפיסיקה  
בהדרכת פרופ' ירון זילברברג

Field of Study: Physical Sciences  
Advised by Prof. Yaron Silberberg

Title of thesis:  
Calibration-free nonlinear focusing and scanning through a single multimode optical fiber



**דר גלבוע**  
**Dar Gilboa**

מגמה: מדעי הפיסיקה  
בהדרכת פרופ' מיכה ברכוז

Field of Study: Physical Sciences  
Advised by Prof. Micha Berkooz

Title of thesis:  
Conformal field theory approach to impurity array systems



**אלעד גרנות**  
**Elad Granot**

מגמה: מתמטיקה ומדעי המחשב  
בהדרכת פרופ' מיכל אירני

Field of Study: Mathematics and Computer Science  
Advised by Prof. Michal Irani

Title of thesis:  
Inferring missing Z-Axis resolution from high-resolution X-Y slices



**איתי גריניאסטי**  
**Itay Griniasty**

מגמה: מדעי הפיסיקה  
בהדרכת פרופ' אולף לאונהרדט

Field of Study: Physical Sciences  
Advised by Prof. Ulf Leonhardt

Title of thesis:  
Renormalizing the Casimir effect in inhomogeneous media



**שני גרוסמן**  
**Shany Grossman**

מגמה: מדעי החיים  
בהדרכת פרופ' רפאל מלאך

Field of Study: Life Sciences  
Advised by Prof. Rafael Malach

Title of thesis:  
The perceptual illusion of visual continuity and its underlying neural mechanisms: eye blinks as a case study



**אורי וייל**  
**Uri Weill**

מגמה: מדעי החיים  
בהדרכת ד"ר מאיה שולדינר

Field of Study: Life Sciences  
Advised by Dr. Maya Schuldiner

Title of thesis:  
Creating an N' tagged GFP library of the yeast secretome



**יואב ויגלמן**  
**Yoav Wigelman**

מגמה: מדעי החיים  
בהדרכת פרופ' יוסף ירדן

Field of Study: Life Sciences  
Advised by Prof. Yosef Yarden

Title of thesis:  
Establishment of a system for studying Ras ubiquitination



**לימור ויגדורוביץ'**  
**Limor Wigdorovitz**

מגמה: מדעי החיים  
בהדרכת פרופ' עדי קמחי

Field of Study: Life Sciences  
Advised by Prof. Adi Kimchi

Title of thesis:  
Negative regulation of autophagy: mechanistic views and a search for new cell death-promoting inhibitors of autophagy



**אסף זיו**  
**Asaf Ziv**

מגמה: מתמטיקה ומדעי המחשב  
בהדרכת פרופ' מוני נאור

Field of Study: Mathematics and Computer Science  
Advised by Prof. Moni Naor

Title of thesis:  
Primary-Secondary-Resolver membership proof systems



**איל וינרב**  
**Eyal Weinreb**

מגמה: מדעי החיים  
בהדרכת פרופ' אלישע מוזס

Field of Study: Life Sciences  
Advised by Prof. Elisha Moses

Title of thesis:  
Modulation of neural activity using ultrasound



**איליה וינברג סלוצקין**  
**Ilya Vainberg Slutskin**

מגמה: מדעי החיים  
בהדרכת פרופ' ערן סגל

Field of Study: Life Sciences  
Advised by Prof. Eran Segal

Title of thesis:  
Unraveling grammatical rules of gene expression regulation by systematic sequence manipulations of 3' UTRs



**ליאור הנדלר**  
**Lior Handler**

מגמה: מדעי החיים  
בהדרכת פרופ' יוסף שאול

Field of Study: Life Sciences  
Advised by Prof. Yosef Shaul

Title of thesis:  
Investigation of the role of noncoding  
Hepatitis B RNA in R2 upregulation



**אריאל הירשהורן**  
**Ariel Hirschhorn**

מגמה: מדעי החיים  
בהדרכת פרופ' שמעון אולמן

Field of Study: Life Sciences  
Advised by Prof. Shimon Ullman

Title of thesis:  
Contour representation: combining  
biological and computational  
considerations



**ליה היינמן ירושלמי**  
**Lia Heinemann Yerushalmi**

מגמה: מדעי החיים  
בהדרכת פרופ' נאוה דקל

Field of Study: Life Sciences  
Advised by Prof. Nava Dekel

Title of thesis:  
The role of Vasorin under hypoxic and  
oxidative stress conditions in mouse  
ovaries



**מיכל הר-טל**  
**Michal Har-Tal**

מגמה: מדעי החיים  
בהדרכת פרופ' מנחם רובינשטיין

Field of Study: Life Sciences  
Advised by Prof. Menachem Rubinstein

Title of thesis:  
Investigation of the MGST2-LTC4  
pathway: a cell death pathway  
triggered by ER stress in-vivo



**יחיאל הרשנסון**  
**Yechiel Hershenson**

מגמה: מדעי הכימיה  
בהדרכת פרופ' יעקב קרני

Field of Study: Chemical Sciences  
Advised by Prof. Jacob Karni

Title of thesis:  
Identification and characterization  
of proton conductivity in a yttria-  
stabilized zirconia high temperature  
solid oxide electrolysis cell



**רוני ווינקלר**  
**Roni Winkler**

מגמה: מדעי החיים  
בהדרכת פרופ' אלדד צחור

Field of Study: Life Sciences  
Advised by Prof. Eldad Tzahor

Title of thesis:  
The tumor resistance mechanism of the  
heart



**ויקטוריה טרלה**  
**Victoria Tarle**

מגמה: מדעי הפיזיקה  
בהדרכת פרופ' ניר גוב

Field of Study: Physical Sciences  
Advised by Prof. Nir Gov

Title of thesis:  
Modeling the finger instability in an  
expanding cell monolayer



**שירה טנאי**  
**Shira Tanny**

מגמה: מתמטיקה ומדעי המחשב  
בהדרכת פרופ' סרגיי יעקבנקו

Field of Study: Mathematics and  
Computer Science  
Advised by Prof. Sergei Yakovenko

Title of thesis:  
Local Weyl equivalence of higher order  
Fuchsian equations



**עידן טמיר**  
**Idan Tamir**

מגמה: מדעי הפיזיקה  
בהדרכת פרופ' דן שחר

Field of Study: Physical Sciences  
Advised by Prof. Dan Shohar

Title of thesis:  
Local properties of matter throughout  
the superconductor to insulator  
transition



**אורן יפעה**  
**Oren Yifa**

מגמה: מדעי החיים  
בהדרכת פרופ' אלדד צחור

Field of Study: Life Sciences  
Advised by Prof. Eldad Tzahor

Title of thesis:  
Glutamate signaling pathway: novel  
mechanism for cardiomyocyte  
proliferation and cardiac regeneration



**אמנון יעקבי**  
**Amnon Yacoby**

מגמה: מדעי החיים  
בהדרכת פרופ' ידין דודאי

Field of Study: Life Sciences  
Advised by Prof. Yadin Dudai

Title of thesis:  
The correlation between metamemory  
and memory restabilization following  
retrieval



**סתיו יגב**  
**Stav Yagev**

מגמה: מתמטיקה ומדעי המחשב  
בהדרכת פרופ' מיכל אירני

Field of Study: Mathematics and  
Computer Science  
Advised by Prof. Michal Irani

Title of thesis:  
Software-based glass-free displays





**סטיו חורש**  
**Stav Horesh**

מגמה: מדעי החיים  
בהדרכת פרופ' ורדה רוטר

Field of Study: Life Sciences  
Advised by Prof. Varda Rotter

Title of thesis:  
The involvement of mutant p53 in conferring resistance to TNF alpha-induced apoptosis via modulating the TNF alpha signaling pathway



**מיתר זמר**  
**Meytar Zemer**

מגמה: מדעי החיים  
בהדרכת פרופ' ידין דודאי

Field of Study: Life Sciences  
Advised by Prof. Yadin Dudai

Title of thesis:  
Hippocampal activity time-locked to event boundaries



**אריאל זינגר**  
**Ariel Zinger**

מגמה: מדעי הכימיה  
בהדרכת פרופ' יעקב סגיב  
ד"ר רבקה מעוז

Field of Study: Chemical Sciences  
Advised by Prof. Jacob Sagiv  
Dr. Rivka Maoz

Title of thesis:  
Local interfacial reactions between polymer or inorganic thin films and self-assembled organic monolayers: a novel approach to surface lithography from nano- to macro-scale



**יואב חרפק-עמיקם**  
**Yoav Charpak-Amikam**

מגמה: מדעי החיים  
בהדרכת פרופ' רותם שורק

Field of Study: Life Sciences  
Advised by Prof. Rotem Sorek

Title of thesis:  
Identification of viral anti-BREX and superinfection exclusion genes using genomic libraries



**נטע חיים**  
**Netta Haim**

מגמה: מדעי החיים  
בהדרכת ד"ר יעקב אברמסון

Field of Study: Life Sciences  
Advised by Dr. Jakub Abramson

Title of thesis:  
The role of Runx3 in the up-regulation of Aire-dependent expression in the thymus



**איליה חיבריץ**  
**Ilya Khivrich**

מגמה: מדעי הפיסיקה  
בהדרכת ד"ר שחל אילני

Field of Study: Physical Sciences  
Advised by Dr. Shahal Ilani

Title of thesis:  
Mechanics of carbon nanotube resonators in the time domain

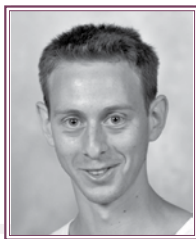


**נועה דינה לוונטל**  
**Noa Dina Loewenthal**

מגמה: מתמטיקה ומדעי המחשב  
בהדרכת פרופ' רוברט קראוטגמר

Field of Study: Mathematics and  
Computer Science  
Advised by Prof. Robert Krauthgamer

Title of thesis:  
Exploiting temporal information for  
detecting communities in social  
networks



**אור להד**  
**Ohr Lahad**

מגמה: מדעי הפיסיקה  
בהדרכת פרופ' דן אורון

Field of Study: Physical Sciences  
Advised by Prof. Dan Oron

Title of thesis:  
Long-lived population inversion in  
isovalently doped quantum dots



**ענבל רחל לבני נבון**  
**Inbal Rachel Livni Navon**

מגמה: מתמטיקה ומדעי המחשב  
בהדרכת פרופ' עדי שמיר

Field of Study: Mathematics and  
Computer Science  
Advised by Prof. Adi Shamir

Title of thesis:  
Image watermarking techniques that  
are robust against geometric distortions



**אליהו ליבמן**  
**Eliahu Libman**

מגמה: מתמטיקה ומדעי המחשב  
בהדרכת ד"ר ירון ליפמן

Field of Study: Mathematics and  
Computer Science  
Advised by Dr. Yaron Lipman

Title of thesis:  
Average shape co-registration and  
foreground-background motion  
segmentation under a bounded  
distortion model



**טל לופו**  
**Tal Lupo**

מגמה: מדעי החיים  
בהדרכת ד"ר קרינה יניב

Field of Study: Life Sciences  
Advised by Dr. Karina Yaniv

Title of thesis:  
Deciphering the role of Wnt5b in early  
lymphatic cell specification



**אור לוטן**  
**Or Lotan**

מגמה: מתמטיקה ומדעי המחשב  
בהדרכת פרופ' מיכל אירני

Field of Study: Mathematics and  
Computer Science  
Advised by Prof. Michal Irani

Title of thesis:  
Needle-Match: reliable patch matching  
under high uncertainty



**נדב כהן**  
**Nadav Cohen**

מגמה: מתמטיקה ומדעי המחשב  
בהדרכת פרופ' עמוס תנאי  
ד"ר עידו עמית

Field of Study: Mathematics and  
Computer Science

Advised by Prof. Amos Tanay  
Dr. Ido Amit

Title of thesis:  
Biclustering single cell RNA-  
sequencing data



**נעם כדורי**  
**Kadouri Noam**

מגמה: מדעי החיים  
בהדרכת ד"ר יעקב אברמסון

Field of Study: Life Sciences  
Advised by Dr. Jakub Abramson

Title of thesis:  
The role of histone deacetylase  
3 (HDAC3) in medullary thymic  
epithelial cells (mTEC) development



**אליאן הדס ירדני**  
**Eliane Hadas Yardeni**

מגמה: מדעי החיים  
בהדרכת ד"ר אילנה קולודקין-גל

Field of Study: Life Sciences  
Advised by Dr. Ilana Kolodkin-Gal

Title of thesis:  
Deciphering the genetic and  
biochemical pathways in *Bacillus  
subtilis* that are involved in the  
eradication of *Pseudomonas  
fluorescens*



**אורי כץ**  
**Uri Katz**

מגמה: מדעי החיים  
בהדרכת פרופ' רוני פז

Field of Study: Life Sciences  
Advised by Prof. Rony Paz

Title of thesis:  
Event-related potentials in LFP of  
the basolateral amygdala and dorsal  
anterior cingulate cortex



**נעם כחלון**  
**Noam Kakhlon**

מגמה: מתמטיקה ומדעי המחשב  
בהדרכת ד"ר דמיטרי גורביץ

Field of Study: Mathematics and  
Computer Science  
Advised by Dr. Dmitry Gourevitch

Title of thesis:  
Hyper-distinguished nilpotent orbits in  
Lie algebras and Gelfand property of  
symmetric pairs



**יעל כורם**  
**Yael Korem**

מגמה: מתמטיקה ומדעי המחשב  
בהדרכת פרופ' אורי אלון

Field of Study: Mathematics and  
Computer Science  
Advised by Prof. Uri Alon

Title of thesis:  
Geometry of the gene expression space  
of individual cells



**עדי מנחם**  
**Adi Menahem**

מגמה: מדעי הכימיה  
בהדרכת פרופ' בריאן ברקוביץ

Field of Study: Chemical Sciences  
Advised by Prof. Brian Berkowitz

Title of thesis:  
Transport behavior of pharmaceuticals and personal care products in saturated soil under various redox conditions



**אורי מזה**  
**Ori Maza**

מגמה: מדעי החיים  
בהדרכת ד"ר ערן אלינב

Field of Study: Life Sciences  
Advised by Dr. Eran Elinav

Title of thesis:  
Elucidating the role of NLRP6 inflammasome in sensing and regulating the intestinal virome



**תות מורן**  
**Toot Moran**

מגמה: מדעי החיים  
בהדרכת פרופ' דבורה פאס

Field of Study: Life Sciences  
Advised by Prof. Deborah Fass

Title of thesis:  
Missing links in the laminin trimer: structural studies of the L4 domain and the coiled-coil region



**חגי מרמור-קולט**  
**Hagai Marmor-Kollet**

מגמה: מדעי החיים  
בהדרכת פרופ' אירית שגיא  
פרופ' ירדנה סמואלס

Field of Study: Life Sciences  
Advised by Prof. Irit Sagi  
Prof. Yardena Samuels

Title of thesis:  
Proteolytic cleavage of ERBB4 in melanoma

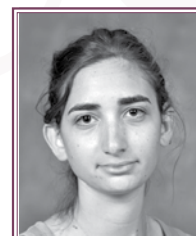


**חגי מרון**  
**Haggai Maron**

מגמה: מתמטיקה ומדעי המחשב  
בהדרכת פרופ' ענת לוין

Field of Study: Mathematics and  
Computer Science  
Advised by Prof. Anat Levin

Title of thesis:  
A passive 8D display: light- and viewpoint-sensitive display of 3D content



**רקיע מנלה**  
**Rakia Manela**

מגמה: מדעי הכימיה  
בהדרכת פרופ' גלעד הרן

Field of Study: Chemical Sciences  
Advised by Prof. Gilad Haran

Title of thesis:  
Dynamics of the unfolded state of a multi-domain protein



**שאול לרנר**  
**Shaul Lerner**

מגמה: מדעי החיים  
בהדרכת ד"ר איילת ארז

Field of Study: Life Sciences  
Advised by Dr. Ayelet Erez

Title of thesis:  
Role of the urea cycle enzyme  
argininosuccinate lyase in neuronal  
brain function



**אביעזר ליפשיץ**  
**Aviezer Lifshitz**

מגמה: מדעי החיים  
בהדרכת פרופ' עמוס תנאי

Field of Study: Life Sciences  
Advised by Prof. Amos Tanay

Title of thesis:  
Assessment of tumor samples  
heterogeneity using DNA methylation  
patterns



**ליאת ליברמן**  
**Liat Liberman**

מגמה: מדעי הפיסיקה  
בהדרכת פרופ' ירון זילברברג

Field of Study: Physical Sciences  
Advised by Prof. Yaron Silberberg

Title of thesis:  
Quantum enhanced phase retrieval



**נופר מור**  
**Nofar Mor**

מגמה: מדעי החיים  
בהדרכת ד"ר יעקב חנא

Field of Study: Life Sciences  
Advised by Dr. Jacob (Yaqup) Hanna

Title of thesis:  
Mechanisms of Mbd3 interactions with  
pluripotency factors



**עמי מור**  
**Ami Mor**

מגמה: מתמטיקה ומדעי המחשב  
בהדרכת ד"ר שחר דובזינסקי

Field of Study: Mathematics and  
Computer Science  
Advised by Dr. Shahar Dobzinski

Title of thesis:  
Three problems in submodular  
optimization



**עומר מאיר**  
**Omer Meir**

מגמה: מתמטיקה ומדעי המחשב  
בהדרכת פרופ' רונן בצרי

Field of Study: Mathematics and  
Computer Science  
Advised by Prof. Ronen Basri

Title of thesis:  
A multiscale variable grouping  
framework for MRF energy  
minimization



**איתן סטטיה**  
**Eitan Stattia**

מגמה: מדעי הכימיה  
בהדרכת פרופ' איגור לובומירסקי  
פרופ' מאיר להב

Field of Study: Chemical Sciences  
Advised by Prof. Igor Lubomirsky  
Prof. Meir Lahav

Title of thesis:  
Pyro-electricity as an analytical tool  
for mapping the structure of defects in  
molecular crystals



**אדם סולומון**  
**Adam Solomon**

מגמה: מדעי החיים  
בהדרכת פרופ' רוני אלון

Field of Study: Life Sciences  
Advised by Prof. Ronen Alon

Title of thesis:  
Roles of LFA-1 ligands ICAM-1 and  
ICAM-2 in T-cell activation and  
trafficking



**אביב נפתלי**  
**Aviv Naftaly**

מגמה: מדעי הכימיה  
בהדרכת פרופ' בריאן ברקוביץ

Field of Study: Chemical Sciences  
Advised by Prof. Brian Berkowitz

Title of thesis:  
Surface charge effect on nanoparticle  
transport in reactive porous media:  
flow cell experiments and a particle  
tracking model alpha2beta2 and  
alpha2beta3 isoforms of Na



**תמר פולצ'ק**  
**Tamar Polacheck**

מגמה: מדעי החיים  
בהדרכת פרופ' אלון חן

Field of Study: Life Sciences  
Advised by Prof. Alon Chen

Title of thesis:  
Early life programming of anorexia  
nervosa



**מתן עצמון**  
**Matan Atzmon**

מגמה: מתמטיקה ומדעי המחשב  
בהדרכת פרופ' עופר זיתוני

Field of Study: Mathematics and  
Computer Science  
Advised by Prof. Ofer Zeitouni

Title of thesis:  
The modified branching random walk  
with random environment



**אלה סנדרס**  
**Ella Sanders**

מגמה: מדעי הכימיה  
בהדרכת פרופ' ארנסטו יוסלביץ'

Field of Study: Chemical Sciences  
Advised by Prof. Ernesto Joselevich

Title of thesis:  
Controlling the electrical properties of  
guided GaN nanowires





**יותם נגר**  
**Yotam Nagar**

מגמה: מדעי הפיזיקה  
בהדרכת פרופ' איתמר פרוקצ'ה

Field of Study: Physical Sciences  
Advised by Prof. Itamar Procaccia

Title of thesis:  
Energy spectrum of superfluid turbulence



**שיראן תהילה משיח**  
**Shiran Tehila Mashiah**

מגמה: מדעי החיים  
בהדרכת פרופ' משה אורן

Field of Study: Life Sciences  
Advised by Prof. Moshe Oren

Title of thesis:  
p53 dependent metabolic regulation



**נטע מרמור-קולט**  
**Neta Marmor-Kollet**

מגמה: מדעי החיים  
בהדרכת ד"ר אורן שולדינר

Field of Study: Life Sciences  
Advised by Dr. Oren Schuldiner

Title of thesis:  
Comparative study of candidate genes in regeneration following injury of mushroom body neurons in *Drosophila melanogaster*



**יעל נוריק**  
**Yael Nurik**

מגמה: הוראת המדעים  
בהדרכת פרופ' אברהם הרכבי

Field of Study: Science Teaching  
Advised by Prof. Abraham Arcavi

Title of thesis:  
The crystallization of mathematical knowledge for teaching of high school teachers in video-based peer discussions

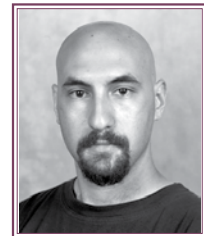


**רעות נורי**  
**Reut Nuri**

מגמה: מדעי החיים  
בהדרכת פרופ' יחיאל שי

Field of Study: Life Sciences  
Advised by Prof. Yechiel Shai

Title of thesis:  
Resistance mechanisms of *Salmonella enterica* serovar Typhimurium to antimicrobial peptides



**יותם נדב**  
**Yotam Nadav**

מגמה: מדעי החיים  
בהדרכת פרופ' סטיבן קרליש

Field of Study: Life Sciences  
Advised by Prof. Steven Karlish

Title of thesis:  
A comparison of kinetics and inhibition of alpha2beta1 K-ATPase



**עומר צוקרט**  
**Omer Zuqert**

מגמה: מדעי החיים  
בהדרכת פרופ' רותם שורק

Field of Study: Life Sciences  
Advised by Prof. Rotem Sorek

Title of thesis:  
Metagenomics approach to study the ecology of coral reef fish larvae in the Red Sea



**מיכל צ'פאל**  
**Michal Chapal**

מגמה: מתמטיקה ומדעי המחשב  
בהדרכת פרופ' נעמה ברקאי

Field of Study: Mathematics and Computer Science  
Advised by Prof. Naama Barkai

Title of thesis:  
Characterizing the evolution of duplicated transcription factors: *S.cerevisiae* Msn2/4 as a test case



**רעי צ'מקה**  
**Rei Chemke**

מגמה: מדעי הכימיה  
בהדרכת ד"ר יוחאי כספי

Field of Study: Chemical Sciences  
Advised by Dr. Yohai Kaspi

Title of thesis:  
The effect of planetary parameters on jet migration in the atmosphere



**אלכס קוגן**  
**Alex Kogan**

מגמה: מדעי הפיסיקה  
בהדרכת פרופ' אולף לאונהרדט

Field of Study: Physical Sciences  
Advised by Prof. Ulf Leonhardt

Title of thesis:  
Investigation into the limits on imaging and the role of detection



**הדר קדם**  
**Hadar Kedem**

מגמה: מדעי החיים  
בהדרכת פרופ' אסף אהרונים

Field of Study: Life Sciences  
Advised by Prof. Asaph Aharoni

Title of thesis:  
High-resolution mapping of plant metabolic pathways at the subcellular level



**תום קאופמן**  
**Tom Kaufman**

מגמה: מדעי החיים  
בהדרכת פרופ' ורדה רוטר

Field of Study: Life Sciences  
Advised by Prof. Varda Rotter

Title of thesis:  
Studies on the cellular and molecular mechanism underlying p53 loss of heterozygosity (LOH) in somatic cells



**דניאל פליישר**  
**Daniel Fleischer**

מגמה: מדעי הפיסיקה  
בהדרכת פרופ' עופר אהרונים

Field of Study: Physical Sciences  
Advised by Prof. Ofer Aharony

Title of thesis:  
Dualities in 3d supersymmetric QCD theories using real mass deformations



**לירון פינצ'ובר**  
**Liron Pinchover**

מגמה: מדעי החיים  
בהדרכת פרופ' נעם סובל

Field of Study: Life Sciences  
Advised by Prof. Noam Sobel

Title of thesis:  
The effect of the menstrual cycle on sensitivity to different odor types



**סיון פינטו**  
**Sivan Pinto**

מגמה: מדעי החיים  
בהדרכת ד"ר איילת ארז

Field of Study: Life Sciences  
Advised by Dr. Ayelet Erez

Title of thesis:  
The effect of environmental factors on the metabolism of colorectal cancer



**רועי פתאל יוחאי**  
**Roy Patael Yohai**

מגמה: מדעי הפיסיקה  
בהדרכת פרופ' רועי עוזרי

Field of Study: Physical Sciences  
Advised by Prof. Roei Ozeri

Title of thesis:  
Cell death as a critical phenomenon and the non-monotonic patterns of death in yeast under heat shock



**מיכל פרח**  
**Michal Perach**

מגמה: מדעי החיים  
בהדרכת פרופ' איתן ביבי

Field of Study: Life Sciences  
Advised by Prof. Eitan Bibi

Title of thesis:  
The *E. coli* secondary multidrug transporter MdfA is able to tolerate dramatic structural modifications



**סאלח פראג**  
**Salih Faraj**

מגמה: הוראת המדעים  
בהדרכת פרופ' בת-שבע אלון  
ד"ר אסתר בגנו

Field of Study: Science Teaching  
Advised by Prof. Bat-Sheva Eylon  
Dr. Esther Bagnon

Title of thesis:  
Effect on teaching practice of teachers participating in learning communities guided by leading teachers



**עידו רוג**  
**Ido Rog**

מגמה: מדעי החיים  
בהדרכת פרופ' אביחי דנון

Field of Study: Life Sciences  
Advised by Prof. Avihai Danon

Title of thesis:  
Redox regulation of plastid terminal oxidase during night to day shift



**מיקה רובינסון**  
**Mica Rubinson**

מגמה: מדעי הפיסיקה  
בהדרכת פרופ' אלישע מוזס

Field of Study: Physical Sciences  
Advised by Prof. Elisha Moses

Title of thesis:  
Applying network analysis methods to investigate brain parameters in ADHD patients



**רויטל רביד**  
**Revital Ravid**

מגמה: מדעי החיים  
בהדרכת ד"ר ערן הורנשטיין

Field of Study: Life Sciences  
Advised by Dr. Eran Hornstein

Title of thesis:  
Nuclear functions of Argonaute-2 in neuronal cells



**רותם רוח**  
**Rotem Ruach**

מגמה: מדעי הפיסיקה  
בהדרכת פרופ' רועי בר-זיו

Field of Study: Physical Sciences  
Advised by Prof. Roy Bar-Ziv

Title of thesis:  
Gene dynamics in artificial cells



**גילי רוזנברג**  
**Gili Rosenberg**

מגמה: מדעי החיים  
בהדרכת ד"ר אילנה קולודקין-גל

Field of Study: Life Sciences  
Advised by Dr. Ilana Kolodkin-Gal

Title of thesis:  
A novel role for bacterial autoinducers in interspecies competition



**אמיר רוזנבלט**  
**Amir Rosenblatt**

מגמה: מדעי הפיסיקה  
בהדרכת פרופ' מוטי הייבלום

Field of Study: Physical Sciences  
Advised by Prof. Moty Heiblum

Title of thesis:  
Structure of the hole-conjugate FQH edge states



**דורון קוקליאנסקי**  
**Doron Kukliansky**

מגמה: מתמטיקה ומדעי המחשב  
בהדרכת ד"ר אוהד שמיר

Field of Study: Mathematics and  
Computer Science  
Advised by Dr. Ohad Shamir

Title of thesis:  
Attribute-efficient linear regression with  
data-dependent sampling



**מיכאל קולבק**  
**Michael Kulbak**

מגמה: מדעי הכימיה  
בהדרכת פרופ' גרי הודס

Field of Study: Chemical Sciences  
Advised by Prof. Gary Hodes

Title of thesis:  
High voltage perovskite solar cells



**דמיטרי קוגן**  
**Dmitry Kogan**

מגמה: מתמטיקה ומדעי המחשב  
בהדרכת פרופ' רוברט קראוטגמר

Field of Study: Mathematics and  
Computer Science  
Advised by Prof. Robert Krauthgamer

Title of thesis:  
Sketching cuts in graphs and  
hypergraphs



**אולגה קרייניס**  
**Olga Kraynis**

מגמה: מדעי הכימיה  
בהדרכת פרופ' איגור לובומירסקי

Field of Study: Chemical Sciences  
Advised by Prof. Igor Lubomirsky

Title of thesis:  
Structural origin of giant electrostriction  
in doped ceria



**אורי קורסקי**  
**Uri Korisky**

מגמה: מדעי החיים  
בהדרכת פרופ' ידין דודאי

Field of Study: Life Sciences  
Advised by Prof. Yadin Dudai

Title of thesis:  
Inspection of schema-guided vs.  
novelty-driven memory formation  
using a novel spectrum of scene-object  
congruency



**איליה קורובקו**  
**Ilia Korobko**

מגמה: מדעי החיים  
בהדרכת פרופ' אמנון הורוויץ

Field of Study: Life Sciences  
Advised by Prof. Amnon Horovitz

Title of thesis:  
Transient kinetic and biological  
characterization of the eukaryotic  
chaperonin CCT with site-directed  
mutations in different subunits



**זיו שדה**  
**Ziv Sade**

מגמה: מדעי הכימיה  
בהדרכת ד"ר איתי הלוי  
פרופ' אלדו שמש

Field of Study: Chemical Sciences  
Advised by Dr. Itay Halevy  
Prof. Aldo Shemesh

Title of thesis:  
Kinetic isotope effects during carbonate  
mineral formation



**יהונתן שדה**  
**Yonatan Sadeh**

מגמה: מדעי הכימיה  
בהדרכת פרופ' דן תופיק  
ד"ר איתי הלוי

Field of Study: Chemical Sciences  
Advised by Prof. Dan Tawfik  
Dr. Itay Halevy

Title of thesis:  
Unraveling the structural and  
geochemical requirements for carbonic  
anhydrase-triggered biomineralization



**ענת שגב-שמר**  
**Anat Segev-Shemer**

מגמה: מדעי החיים  
בהדרכת פרופ' סטפן יונג  
פרופ' אברהם בן-נון

Field of Study: Life Sciences  
Advised by Prof. Steffen Jung  
Prof. Avraham Ben-Nun

Title of thesis:  
Studying microglia functions in vivo  
using the Experimental Autoimmune  
Encephalitis (EAE) model



**אופיר אולגה שיין**  
**Ofir Olga Shein**

מגמה: מדעי הכימיה  
בהדרכת ד"ר אורן טל

Field of Study: Chemical Sciences  
Advised by Dr. Oren Tal

Title of thesis:  
Electronic noise and heat dissipation in  
atomic junctions



**עפר שורץ**  
**Ofer Shwartz**

מגמה: מתמטיקה ומדעי המחשב  
בהדרכת פרופ' בועז נדלר

Field of Study: Mathematics and  
Computer Science  
Advised by Prof. Boaz Nadler

Title of thesis:  
Computing the large entries of a sparse  
covariance matrix in sub-linear time



**נועה שדה**  
**Noa Sadeh**

מגמה: מדעי החיים  
בהדרכת פרופ' ידין דודאי  
פרופ' מנחם סגל

Field of Study: Life Sciences  
Advised by Prof. Yadin Dudai  
Prof. Menahem Segal

Title of thesis:  
Cellular mechanisms of action of the  
Zeta Inhibitory Peptide (ZIP)





**ג'ניפר רז**  
**Jennifer Raz**

מגמה: מדעי הכימיה  
בהדרכת פרופ' ישראל רובינשטיין  
ד"ר אלכסנדר וסקביץ

Field of Study: Chemical Sciences  
Advised by Prof. Israel Rubinstein  
Dr. Alexander Vaskevich

Title of thesis:  
Competitive localized plasmon  
biosensing



**איתי רותם**  
**Etai Rotem**

מגמה: מדעי החיים  
בהדרכת פרופ' יחיאל שי

Field of Study: Life Sciences  
Advised by Prof. Yechiel Shai

Title of thesis:  
T-cell immune-modulation induced  
by HIV gp41 TMD: exploring the  
underlying molecular mechanism



**רלוקה רופו**  
**Raluca Rufu**

מגמה: מדעי הכימיה  
בהדרכת פרופ' עודד אהרונסון

Field of Study: Chemical Sciences  
Advised by Prof. Oded Aharonson

Title of thesis:  
A multiple impact hypothesis for moon  
formation



**ארי שביב**  
**Ary Shaviv**

מגמה: מתמטיקה ומדעי המחשב  
בהדרכת פרופ' מריה גורליק

Field of Study: Mathematics and  
Computer Science  
Advised by Prof. Maria Gorelik

Title of thesis:  
On the correspondence of affine  
generalized root systems and  
symmetrizable affine Kac-Moody  
superalgebras



**גלעד רעות**  
**Gilad Reut**

מגמה: מדעי הכימיה  
בהדרכת פרופ' ארנסטו יוסלביץ'

Field of Study: Chemical Sciences  
Advised by Prof. Ernesto Joselevich

Title of thesis:  
Guided growth of horizontal p-type  
ZnTe nanowires



**אפרת רמתי**  
**Efrat Ramati**

מגמה: מדעי הכימיה  
בהדרכת פרופ' דן יקר

Field of Study: Chemical Sciences  
Advised by Prof. Dan Yakir

Title of thesis:  
Tradeoffs between carbon sequestration  
and radiation budget in influencing  
climate along the precipitation gradient  
in Israel



**לירן ולדרסקי**  
**Liran Valadarsky**

מגמה: אימונולוגיה  
בהדרכת פרופ' עידו עמית

Field of Study: Immunology  
Advised by Prof. Ido Amit

Title of thesis:  
Targeted-seq: Counting your favorite genes in single cells

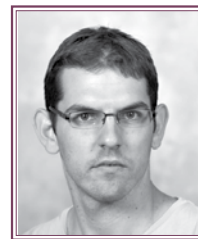


**גבריאל גנדלמן**  
**Gabriel Guendelman**

מגמה: פיסיקה כימית  
בהדרכת פרופ' ברק דיין

Field of Study: Chemical Physics  
Advised by Prof. Barak Dayan

Title of thesis:  
Sensing and characterization of nano-objects using optical micro-resonators



**עידו תורן**  
**Ido Toren**

מגמה: מדעי החיים  
בהדרכת פרופ' רוני פז

Field of Study: Life Sciences  
Advised by Prof. Rony Paz

Title of thesis:  
Right on time: how prediction errors bias time perception



**אביב רוטמן**  
**Aviv Rotman**

מגמה: גנטיקה מולקולרית  
בהדרכת פרופ' יצחק פלפל

Field of Study: Molecular Genetics  
Advised by Prof. Yitzhak Pilpel

Title of thesis:  
How do cells minimize the cost of translation?



**דין מרק**  
**Dean Mark**

מגמה: פיסיקה של חומר מעובה  
בהדרכת פרופ' יובל אורג

Field of Study: Condensed Matter Physics  
Advised by Prof. Yuval Oreg

Title of thesis:  
Mesoscopic effects in topological superconductivity



**יובל מדר**  
**Yuval Madar**

מגמה: מדעי המחשב ומתמטיקה שימושית  
בהדרכת פרופ' אוריאל פייגה

Field of Study: Computer Science and Applied Mathematics  
Advised by Prof. Uriel Feige

Title of thesis:  
A capacitated cut and choose game

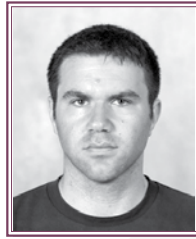


**גילי שפירא**  
**Gili Schapira**

מגמה: מדעי החיים  
בהדרכת ד"ר ערן אלינב

Field of Study: Life Sciences  
Advised by Dr. Eran Elinav

Title of thesis:  
Development of analytical tools for the study of microbiome composition and function in health and disease



**רביד שניו**  
**Ravid Shaniv**

מגמה: מדעי הפיסיקה  
בהדרכת פרופ' רועי עוזרי

Field of Study: Physical Sciences  
Advised by Prof. Roei Ozeri

Title of thesis:  
Spectral noise analysis of a narrow line-width laser using a single trapped ion



**קלרה שיכלמן**  
**Clara Shikhelman**

מגמה: מתמטיקה ומדעי המחשב  
בהדרכת פרופ' אהוד פרידגוט

Field of Study: Mathematics and Computer Science  
Advised by Prof. Ehud Friedgut

Title of thesis:  
Thresholds of monotone properties with small minterms



**אביב יונתן שרון**  
**Aviv Jonathan Sharon**

מגמה: מדעי החיים  
בהדרכת פרופ' גד גלילי  
פרופ' אסף אהרני

Field of Study: Life Sciences  
Advised by Prof. Gad Galili  
Prof. Asaph Aharoni

Title of thesis:  
Metabolic and spatial aspects of root interactions with bacteria in the rhizosphere



**מיכל שרברק-שקד**  
**Michal Shreberk-Shaked**

מגמה: מדעי החיים  
בהדרכת פרופ' משה אורן

Field of Study: Life Sciences  
Advised by Prof. Moshe Oren

Title of thesis:  
Network regulation of microRNAs and the Hippo pathway



**מרגריטה שפלנקו**  
**Margarita Shepelenko**

מגמה: מדעי הכימיה  
בהדרכת פרופ' סטיב ויינר  
פרופ' ליאה אדדי

Field of Study: Chemical Sciences  
Advised by Prof. Steve Weiner  
Prof. Lia Addadi

Title of thesis:  
The gizzard plates in the cephalaspidean gastropod *Philine aperta*: analysis of structure and function

# Non-thesis MSc in Science Teaching Recipients

The Feinberg Graduate School's master's degree program (without thesis) in science teaching was launched in 2008, as a joint initiative between the Weizmann Institute and the Rothschild Caesarea Foundation. The mission of this program is to improve the quality of science and mathematics teaching in Israel, by encouraging excellence among educators and providing them with the skills needed for leadership, both in the classroom and beyond. The master's program is intended for outstanding teachers of math and science who already hold at least a first degree in biology, chemistry, mathematics, or physics.

This is a two-year framework in which participants—with the support and encouragement of the schools in which they teach—are expected to devote two full days each week to their studies, in parallel with their continued work in the classroom. The curriculum includes the enrichment of participants' basic scientific knowledge (discipline-specific and interdisciplinary topics) and familiarity with new developments in scientific research, the acquisition of innovative teaching skills and strategies, and participation in hands-on seminars in Weizmann Institute labs. The course curriculum, created specifically for this program, was designed to match the unique needs of science and math educators. Many of the classes are taught by members of the Weizmann Institute faculty.



Randa Assadi  
Hamam Bashara  
David Michael Ben Osher  
Yosef Bivas  
Anat Esh  
Chaya Menucha Farber  
Moran Farber  
Yossi Fibert  
Nurit Finkelstein  
Hadas Gardi  
Ariel Gold  
Myriam Goor  
Saar Graïdi  
Randa Halaika  
Neven Khoury Ghandour  
Yuval Lanir  
Yael Lehmann  
Adi Noga  
Tamar Noyman  
Reut Parasha  
Anat Peled  
Taghreed Safe  
Irena Shtein Asayag  
Simona Shulman Tawily  
Yifat Moshe Turjeman  
Ella Yonai



אלה יונאי  
Ella Yonai

תחום: הוראת המדעים ללא תזה  
**Field of Study:** Science Teaching  
without thesis



רנדה חלאיקה  
Randa Halaika

תחום: הוראת המדעים ללא תזה  
**Field of Study:** Science Teaching  
without thesis



ניבין ח'ורי גנדור  
Neven Khoury Ghandour

תחום: הוראת המדעים ללא תזה  
**Field of Study:** Science Teaching  
without thesis



יפעת משה תורג'מן  
Yifat Moshe Turjeman

תחום: הוראת המדעים ללא תזה  
**Field of Study:** Science Teaching  
without thesis



יובל לניר  
Yuval Lanir

תחום: הוראת המדעים ללא תזה  
**Field of Study:** Science Teaching  
without thesis



יעל להמן  
Yael Lehmann

תחום: הוראת המדעים ללא תזה  
**Field of Study:** Science Teaching  
without thesis



תגריד סיף  
Taghreed Safe

תחום: הוראת המדעים ללא תזה  
**Field of Study:** Science Teaching  
without thesis



תמר נוימן  
Tamar Noyman

תחום: הוראת המדעים ללא תזה  
**Field of Study:** Science Teaching  
without thesis



עדי נגה  
Adi Noga

תחום: הוראת המדעים ללא תזה  
**Field of Study:** Science Teaching  
without thesis





יוסף ביבאס  
Yosef Bivas

תחום: הוראת המדעים ללא תזה  
**Field of Study:** Science Teaching  
without thesis



ענת אש  
Anat Esh

תחום: הוראת המדעים ללא תזה  
**Field of Study:** Science Teaching  
without thesis



רנדה אסדי  
Randa Assadi

תחום: הוראת המדעים ללא תזה  
**Field of Study:** Science Teaching  
without thesis



אריאל גולד  
Ariel Gold

תחום: הוראת המדעים ללא תזה  
**Field of Study:** Science Teaching  
without thesis



המאם בשארה  
Hammam Bashara

תחום: הוראת המדעים ללא תזה  
**Field of Study:** Science Teaching  
without thesis



דויד מיכאל בן אושר  
David Michael Ben Osher

תחום: הוראת המדעים ללא תזה  
**Field of Study:** Science Teaching  
without thesis



סער גריידי  
Saar Graid

תחום: הוראת המדעים ללא תזה  
**Field of Study:** Science Teaching  
without thesis



הדס גרדי  
Hadas Gardi

תחום: הוראת המדעים ללא תזה  
**Field of Study:** Science Teaching  
without thesis



מרים גור  
Myriam Goor

תחום: הוראת המדעים ללא תזה  
**Field of Study:** Science Teaching  
without thesis



ענת פלד  
Anat Peled

---

תחום: הוראת המדעים ללא תזה  
**Field of Study:** Science Teaching  
without thesis



נורית פינקלשטיין  
Nurit Finkelstein

---

תחום: הוראת המדעים ללא תזה  
**Field of Study:** Science Teaching  
without thesis



יוסי פיברט  
Yossi Fibert

---

תחום: הוראת המדעים ללא תזה  
**Field of Study:** Science Teaching  
without thesis



רעות פרשה  
Reut Parasha

---

תחום: הוראת המדעים ללא תזה  
**Field of Study:** Science Teaching  
without thesis



מורן פרבר  
Moran Farber

---

תחום: הוראת המדעים ללא תזה  
**Field of Study:** Science Teaching  
without thesis



חיה מנוחה פרבר  
Chaya Menucha Farber

---

תחום: הוראת המדעים ללא תזה  
**Field of Study:** Science Teaching  
without thesis



אירנה שטיין אסיג  
Irena Shtein Asayag

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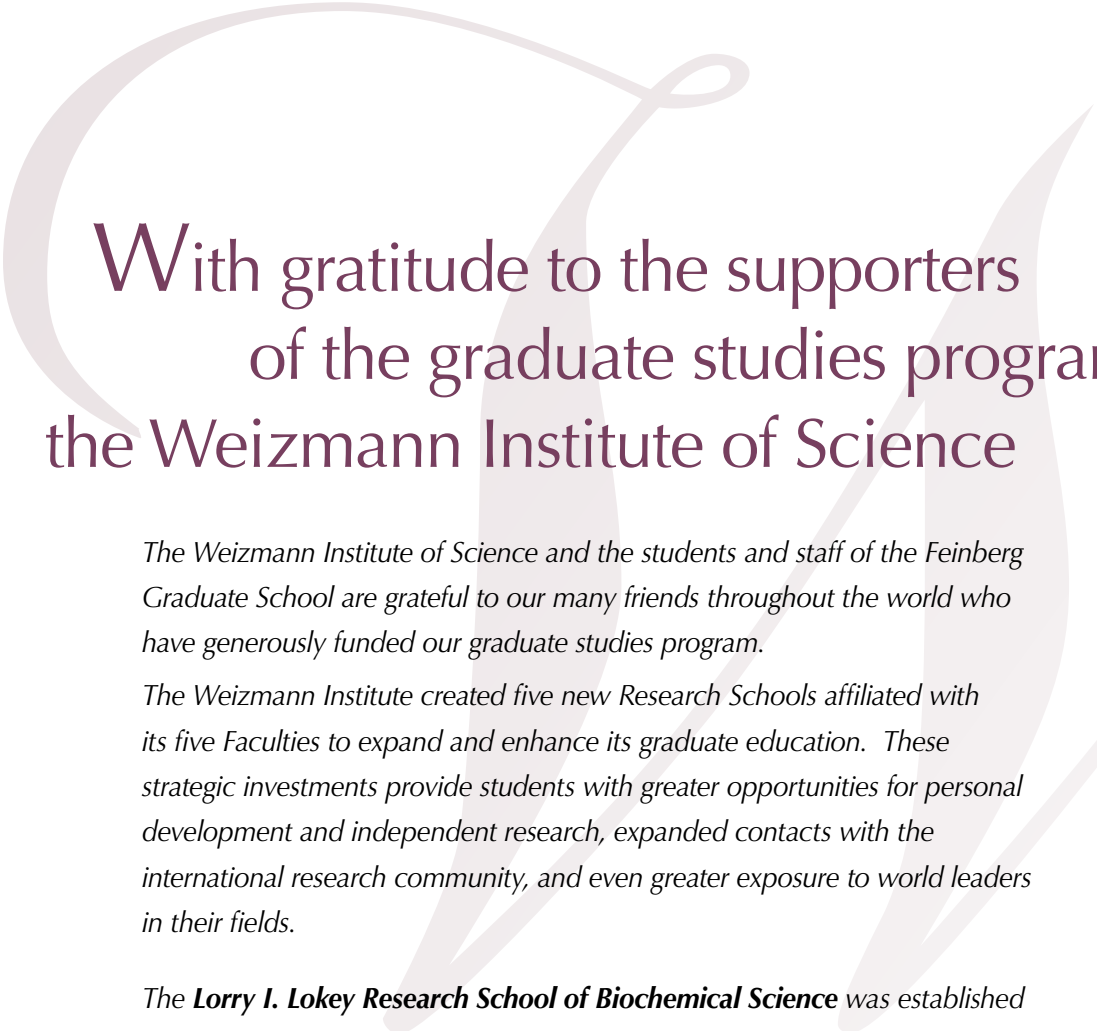
תחום: הוראת המדעים ללא תזה  
**Field of Study:** Science Teaching  
without thesis



סימונה שולמן טוילי  
Simona Shulman Tawily

---

תחום: הוראת המדעים ללא תזה  
**Field of Study:** Science Teaching  
without thesis



# With gratitude to the supporters of the graduate studies program at the Weizmann Institute of Science

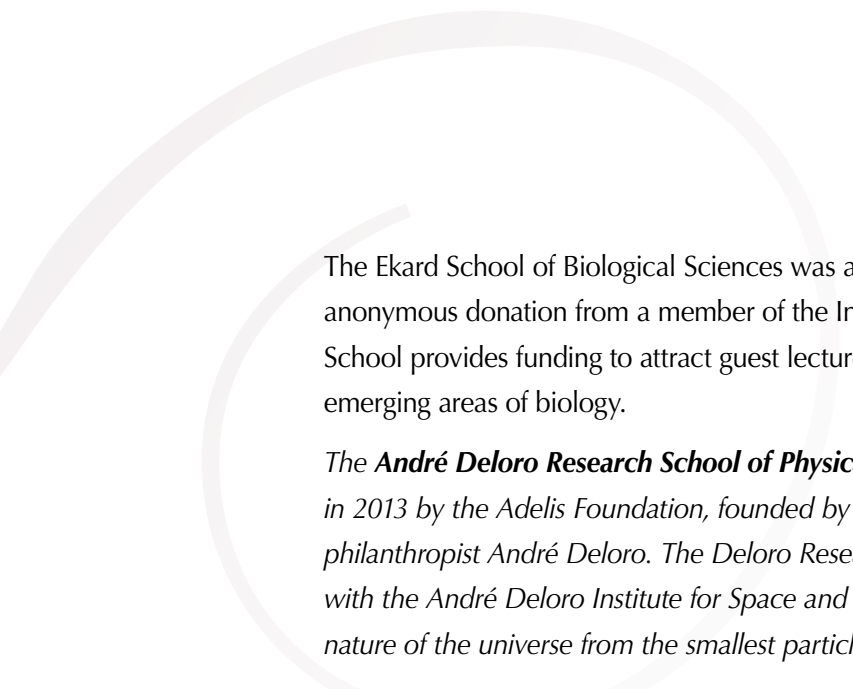
*The Weizmann Institute of Science and the students and staff of the Feinberg Graduate School are grateful to our many friends throughout the world who have generously funded our graduate studies program.*

*The Weizmann Institute created five new Research Schools affiliated with its five Faculties to expand and enhance its graduate education. These strategic investments provide students with greater opportunities for personal development and independent research, expanded contacts with the international research community, and even greater exposure to world leaders in their fields.*

*The **Lorry I. Lokey Research School of Biochemical Science** was established by California entrepreneur and philanthropist Lorry Lokey in 2007. It provides students in biochemistry, at all levels, with the tools and opportunities needed to excel.*

*Two brothers, Maurizio from Geneva and Solo from Milan, and their families founded the **Solo Dwek and Maurizio Dwek Research School of Chemical Science** in 2008 to provide students in chemical sciences necessities such as laptops, software, journal subscriptions, and conference travel expenses.*

*Chairman of the International Board of the Weizmann Institute, financial wizard Mandy Moross of London, established the **Moross Research School for Mathematics and Computer Science** in 2009. The Moross Research School sponsors special guest lectures, student-led workshops, and other enrichment for students of mathematics and computer sciences.*



The Ekard School of Biological Sciences was also established in 2009 with an anonymous donation from a member of the International Board. The Ekard School provides funding to attract guest lecturers and visiting scientists in emerging areas of biology.

*The **André Deloro Research School of Physical Science** was established in 2013 by the Adelis Foundation, founded by French entrepreneur and philanthropist André Deloro. The Deloro Research School works in tandem with the André Deloro Institute for Space and Optics Research to explore the nature of the universe from the smallest particle to the most distant galaxies.*

***The David Lopatie Fellows***

*Up to ten David Lopatie Fellows in the MSc and PhD tracks are selected each year by the Dean of the Feinberg Graduate School, based on exceptional academic excellence. This prestigious award includes a first-year PhD scholarship and a personal travel allowance for scientific meetings, workshops, and schools.*

*These strategic investments provide students with greater opportunities for personal development and independent research, expanded contacts with the international research community, and even greater exposure to world leaders in their fields.*

*Scholarships are precious gifts—in essence, gifts of knowledge. They enable our students to concentrate on their studies, freeing them to devote their full energies to coursework and laboratory research. This steadfast encouragement has borne fruit in the many research scientists all over the world who began their careers at the Weizmann Institute of Science. Today's graduates are tomorrow's scientific leaders.*

# Scholarship Awards

## Ph.D. Scholarships in Perpetuity

### **The Kurt and Hildegard Adler Scholarships**

Established in 2014 through the Kurt S. Adler Trust Estate, Los Angeles, California

### **The Lila and Israel Jacob Alter Scholarship**

Established in 2008 through a bequest of Israel Jacob Alter, Israel

### **The Cindy Rose Anderson Scholarship Endowment Fund**

Established in 2007 by Cindy Rose Anderson, Palm Beach, Florida

### **The Dr. Lester Aronberg Scholarship in Perpetuity**

Established in 1981 by the Dr. Lester Aronberg Foundation, Chicago, Illinois

### **The Dr. Sydney Brenner Scholarship**

Established in 2015 by friends and admirers of Dr. Brenner

### **The Jacob and Sonia Hager Axelrad Endowed Doctoral Scholarship Fund for Cancer Research**

Established in 1999 through a bequest of Sonia Hager Axelrad, New York

### **The Hanan Bar-On Memorial Fund**

Established in 2004 by the Weizmann Institute of Science, in honor and in memory of Hanan Bar-On, former Vice-President of the Weizmann Institute of Science, Rehovot, Israel

### **The Shlomo Beilitz Scholarship**

Established in 1979 through a bequest of Shlomo Beilitz, Ra'anana, Israel

### **The Louis Bein Scholarships for Russian Students**

Established in 1991 by the Louis Bein Trust, Chicago, Illinois

### **The Hazel Olzman Bellin Memorial Endowed PhD Scholarship in Cancer Research**

Established in 2009 through a bequest of Hazel Olzman Bellin, New York

### **The Ursula Johanna and Fritz Werner Blumenthal Scholarships**

Established in 2007 through a bequest of Ursula Johanna and Fritz Werner Blumenthal, Australia

### **The Dr. Walter and Dr. Trude Borchardt Fund for Graduate Students and the Feinberg Graduate School**

Established in 2001 through a bequest of Dr. Trude Borchardt, New York

**The Jeannette and Max Bouckalter Scholarships**

Established in 2009 by Jeannette and Max Bouckalter, Paris, France

**The Helen G. and Richard B. Bryant Scholarship Fund in Biomedical Research**

Established in 2002 by Helen G. Bryant, Chicago, Illinois

**The Caspe Family Scholarship**

Established in 2000 by Mr. and Mrs. Lewis Caspe and the Caspe Family Foundation, Des Moines, Iowa

**The Professor Arthur Charlesby Fund for Doctoral Student Scholarships and Travel Stipends**

Established in 2001 by Irene Charlesby, Swindon, United Kingdom, in memory of her husband

**The Dr. Rebecca Chutick and Dr. Lillian Chutick Doctoral Scholarship Fund for Immigrant Students from the Commonwealth of Independent States (CIS)**

Established in 1994 through a bequest of Dr. Rebecca Chutick, New York

**The Judith and Norman D. Cohen Doctoral Scholarship**

Established in 2005 by Judith and Norman Cohen, New York

**The Leo A. and Sarah G. Copin Scholarship Fund**

Established in 1994 through a bequest of Sarah G. Copin, Palm Beach, Florida

**The Nathan and Leah DeWoskin Memorial Scholarship Fund**

Established in 2004 by William DeWoskin and Doris D. Roskin, Chicago, Illinois

**The Florence Edelman Scholarship in Perpetuity**

Established in 1987 through a bequest of Florence Edelman, New York

**The Dr. Eugene I. and Charlotte Falstein Graduate Scholarship**

Established in 1997 by Charlotte R. Falstein, Chicago, Illinois

**The Harold Feinstein and Bess Rae C. Feinstein Scholarship Fund for Students from the Commonwealth of Independent States (CIS)**

Established in 1990 through a bequest of Bess Rae C. Feinstein, Chicago, Illinois

**The Saerree and Lois Fiedler Scholarship for Cancer Research, in memory of Lillian Hellman Kugler**

Established in 1983 through the Saerree K. and Louis P. Fiedler Family Fund, Deerfield, Illinois

**The Stephen W. Fleck Scholarship Fund**

Established in 1995 through a bequest of Herta Fleck, New York

**The Adolph Fogel and William Fogel Scholarship Fund**

Established in 2001 through a bequest of William Fogel, New York

**The Joseph F. and Clara Ford Foundation Scholarship in Perpetuity**

Established in 1989 by the Joseph F. and Clara Ford Foundation, Boston, Massachusetts

**The Jeremy and Judith Freedman PhD Scholarship in Diabetes Research**

Established in 2015 by Jeremy and Judith Freedman, and friends of Weizmann Canada



# Scholarship Awards

## Ph.D. Scholarships in Perpetuity

### **The Yeheshkel and Fruma Freedman Education Fund**

Established in 2001 through a bequest of Isaac Freedman, Boston, Massachusetts

### **The Violet, Samuel, and Anna Friedman Doctoral Scholarship Fund**

Established in 2009 through a bequest of Violet Friedman, Palm Springs, California

### **The Regina and Leo Frisch Scholarships**

Established in 2010 through a bequest of Rachel Lubell, New York

### **The Chaya Austern Fuchs Scholarships**

Established in 2010 through a bequest of Rachel Lubell, New York

### **The Rita Gehl Scholarship in Cancer Research**

Established in 1999 by Rita Gehl, London, United Kingdom

### **The Ellen and Mordechai (Heinz) Gilead (Gutfeld) Memorial Scholarship**

Established in 2014 by Yohanan and Beile Gilead, Israel

### **The Yasha Gluzman Scholarship**

Established in 1998 by Ilan Gluzman, Nutley, New Jersey

### **The Goldberg-Guild Scholarships**

Established in 1984 by Bernard Goldberg, Hallandale, Florida, and by Irwin C. Guild, Palm Beach, Florida

### **The Morris and Rose Goldman Scholarship**

Established in 1987 by Rose Goldman, Chicago, Illinois

### **The Linda, Tal, and Akiva Gross Endowment Fund, in Memory of Heinrich Gross**

Established in 2007 by Akiva Gross, Glencoe, Illinois

### **The Leanora, Judith, and Samson Gruber Memorial Scholarships**

Established in 1998 by Mr. and Mrs. Irving M. Gruber, New York, and named in memory of Mrs. Gruber and the Gruber's children

### **The Herbert Leiser Harband Memorial Scholarship**

Established in 1976 through bequests of Dorothea and Julius Harband, San Francisco, California, in memory of their beloved son

### **The Otto and Mary Hersch Scholarships in Perpetuity**

Established in 1987 through a bequest of Mary Hersch, New York

### **The Lotte and Ludwig Heusinger Memorial Scholarship**

Established in 1993 through a bequest of Dr. Ludwig Heusinger, Kfar Shmaryahu, Israel

### **The William T. Hogan and Winifred T. Hogan Scholarship**

Established in 1997 by the International Brotherhood of Teamsters Local 714, Chicago, Illinois

### **The Abraham and Elena Kahn Scholarship Fund**

Established in 2004 by Abraham and Elena Kahn, Mexico

### **The Morris Kahn Scholarships in Systems Biology**

Established in 2011 by the Weizmann Institute of Science in honor of Morris Kahn, Israel

### **The John F. Kennedy Memorial Scholarship Fund**

Established in 1965 by the John F. Kennedy Memorial Foundation, Rehovot, Israel

### **The Malcolm Kingsberg Memorial Scholarship**

Established in 1972 through a bequest of Malcolm Kingsberg, New York

### **The Jeaninne Klueger Scholarship**

Established in 1991 by Seraphina Klueger, Dusseldorf, Germany, in memory of her daughter

### **The Alex and Lilly Koron Scholarship**

Established in 2008 through bequests of Alex and Lilly Koron, Chicago, Illinois

### **The Alexander E. Langsam Memorial Doctoral Scholarship**

Established in 2001 by Florence Langsam, Rockville, Maryland

### **The Liselotte and Richard Laster Endowed Doctoral Scholarship in Brain Research**

Established in 2001 by Mr. and Mrs. Richard Laster, Chappaqua, New York

### **The Harold J. Lawn, M.D. Scholarship Fund**

Established in 1985 by Dr. Harold J. Lawn, St. Paul, Minnesota

### **The Sally and Jerome Lipper Scholarship Fund for Young Immigrants**

Established in 1993 by the Kenneth and Evelyn Lipper Foundation, New York

### **The Bert and Etta Liss Scholarship**

Established in 2011 through a bequest of Bert and Etta Liss

### **The Samuel and Eleanor London Scholarship**

Established in 1986 through a bequest of Eleanor J. London, Los Angeles, California

### **The Dr. Saul and Rose Mackoff Doctoral Scholarship**

Established in 2002 through a bequest of Dr. Saul Mackoff, Chicago, Illinois

### **The Sheldon J. Mandell Scholarship Fund in Cancer Research**

Established in 2013 by Sheldon J. Mandell, Chicago, Illinois

### **The Rixi Markus Scholarships, in Memory of Eugenia, Ignacy, and Herbert Alfred Heller**

Established in 1995 through a bequest of Rixi Markus, MBE, London, United Kingdom

### **The Rodolfo May Scholarships**

Established in 1997 through a bequest of Rodolfo May, Montevideo, Uruguay

### **The Nora Menascé Scholarship in Cancer Research**

Established in 2002 through a bequest of Nora Menascé, Milan, Italy

# Scholarship Awards

Ph.D. Scholarships  
in Perpetuity

## **The Cecile Mory Scholarship Fund**

Established in 2014 by Cecile Mory, Hollywood, Florida

## **The Paul and Felicia Muskat Scholarship Fund**

Established in 1984 through a bequest of Paul Muskat, Toronto, Ontario, Canada

## **The Gertrude and Valentin Nathan Scholarship Fund**

Established in 1997 through a bequest of Gertrude Nathan, New York

## **The Oskar Oliven (Dr. of Engineering) Memorial Scholarship**

Established in 2003 through bequests of Gerald and Hedy Oliven, Los Angeles, California

## **The Dora Ostre Memorial Scholarships**

Established in 1987 through a bequest of Dr. Sprinzi Weizenblatt, Asheville, North Carolina

## **The Dr. Bruce A. Pearlman PhD Scholarship in Synthetic Organic Chemistry**

Established in 2011 through a bequest of Dr. Bruce A. Pearlman, Michigan

## **The Richard and Christine Purchas Scholarship**

Established in 2008 by the Richard and Christine Purchas Charitable Trust, London, United Kingdom

## **The Rose Lee and Marvin Pomerantz Scholarship**

Established in 1998 by Rose Lee and Marvin Pomerantz and friends, Des Moines, Iowa

## **The Theodore R. and Edlyn Racoosin Scholarship Fund**

Established in 1993 through bequests of Theodore and Edlyn Racoosin, New York

## **The Denis Raeburn Scholarship**

Established in 2014 by Denis Raeburn, United Kingdom

## **The Hirsch and Braine Raskin Foundation Scholarships**

Established in 1970 by the Hirsch and Braine Raskin Foundation, New York

## **The Harry, Lillian, and Sylvan Ray Memorial Scholarship in Cancer Research**

Established in 1997 by Dr. M. L. Ray, Dallas, Texas

## **The Reiter Family Scholarship**

Established in 1984 by the Reiter Family Foundation, Chicago, Illinois

### **The Charles G. and Belle Reskin Doctoral Graduate Scholarship in Perpetuity**

Established in 1997 through a bequest of Charles G. Reskin, Chicago, Illinois

### **The David Rich Doctoral Scholarship in Chemistry**

Established in 1999 by Edra Rich, Phoenix, Arizona

### **The Burton and Sylvia Richards Doctoral Scholarship**

Established in 1999 by Burton Richards, Bala Cynwyd, Pennsylvania

### **The Albert A. Robin Family Scholarship**

Established in 2008 through a bequest of Albert A. Robin, Chicago, Illinois

### **The Gabriella and Paul Rosenbaum Scholarship in Biology**

Established in 1999 by the Gabriella and Paul Rosenbaum Foundation, Chicago, Illinois

### **Scholarships in Memory of Harry Mlinov Rosenberg and Sarah Rudman Rosenberg**

Established in 2008 through a bequest of Abraham Rosenberg, Rumson, New Jersey

### **The Joni Perlman Rosenberg Scholarship Fund for the Support of Cancer Research**

Established in 2007 by the Harold L. Perlman Family Foundation, Chicago, Illinois

### **The Dr. Arnold Rosenblum Memorial Endowment Fund**

Established in 1996 by Dorothy Rosenblum, Brooklyn, New York, in memory of her son

### **The Rose Frisch Sax Scholarships**

Established in 2010 through a bequest of Rachel Lubell, New York

### **The Leon and Lily Schidlow Scholarship Fund**

Established in 1999 by Sr. and Sra. Leon Schidlow, Bosques de las Lomas, Mexico

### **The Alice and Lewis Schimberg Scholarship Fund**

Established in 1993 by Alice Schimberg, Chicago, Illinois

### **The Rudolf Schoenheimer Memorial Scholarships**

Established in 1968 by Fritz Schoenheimer, New York

### **The Eugene and Lenore Schupak Endowed Doctoral Scholarship in Genetics**

Established in 1997 by the Schupak Family Foundation, Scottsdale, Arizona

### **The David and Pauline Segal Scholarship**

Established in 1999 by George and Joan Segal, Chicago, Illinois

### **The Bernard and Bernice Dorothy Segall Scholarship Fund**

Established in 2006 through a bequest of Bernice Dorothy Segall, New York

### **The Simon and Frieda Senderowicz-Perel Graduate Student Research Fund**

Established in 1999 through a bequest of Lea Senderowicz, Zurich, Switzerland

### **The Hon. Sir David Sieff Doctoral Scholarship in Brain Research**

Established in 2000 by family and friends, Weizmann UK

### **The Lily Sieff Doctoral Scholarship**

Established in 1998 by Helen and Martin Kimmel, New York

# Scholarship Awards

## Ph.D. Scholarships in Perpetuity

### **The Rachel and Arnold Smith Endowed Scholarship**

Established in 1996 by Rachel and Arnold Smith, Phoenix and Paradise Valley, Arizona

### **The Paula and Ernest Sommers Scholarship**

Established in 2001 by Ernest Sommers, Chicago, Illinois

### **The Sylvia and Leonard Sorkin Scholarship**

Established in 1997 through a bequest of Leonard Sorkin, Chicago, Illinois

### **The Blanche and Max Steig Memorial Scholarship Fund**

Established in 1993 through a bequest of Blanche Steig, New York

### **The Gabriel Armand Stein Scholarship Fund**

Established in 1991 by Paul Stein, Jackson Heights, New York, in memory of his son

### **The Jack, Gertrude, and Leesa Steinberg Doctoral Scholarship for Neurological Diseases**

Established in 2009 by Leesa Steinberg, Hampstead, Quebec, Canada

### **The Sergey and Maria Steerman Endowed Scholarship Fund**

Established in 1991 through a bequest of Maria Steerman, New Rochelle, New York

### **The Armin and Etel (Angyal) Szolovits Doctoral Scholarship**

Established in 2001 through bequests of Armin and Etel Szolovits, Hollywood, California

### **The Samara Jan Turkel Scholarship Fund for Autoimmune Diseases**

Established in 1996 by Mr. and Mrs. Arthur Bach, New York, in memory of their granddaughter

### **The Guido Franklin van D. Memorial Scholarship**

Established in 2000 by an anonymous donor

### **The Paul and Greta Weinberger Scholarship**

Established in 1995 through a bequest of Paul Weinberger, New York

### **The G. Pauline Whiteman Scholarship Fund**

Established in 2005 through a bequest of Pauline Whiteman, San Francisco, California

### **The Ruth Ann and Sam Wolfson Scholarship**

Established in 1996 by Ruth Ann and Sam Wolfson, Dallas, Texas

### **The Ruth Ann and Sam Wolfson Endowment for the Cure of Alzheimer's Disease**

Established in 2001 by Sam Wolfson, Dallas, Texas

### **The Rubin and Gladys Wollowick Scholarship Fund for Autoimmune Disease Research**

Established in 1999 by the Rubin and Gladys Wollowick Foundation, Miami, Florida

### **The Dr. Arthur Yarman and Gertrude Yarman Scholarship Fund**

Established in 2003 through a bequest of Gertrude Yarman, Miami, Florida

### **The Ronald Zemell Memorial Doctoral Scholarship**

Established in 2001 by Dr. and Mrs. David S. Papermaster, Bloomfield, Connecticut, in memory of Ronald Zemell





# Scholarship Awards

## Annual and Semester Ph.D. Scholarships

### **The Manfred Broder Memorial Scholarship**

Established in 2014 in Manfred's honor by the Weizmann Institute of Science

### **The Sam Cohen (Windhoek) Scholarship**

Established in 1981 by the Sam Cohen Trust, Namibia

### **The Daniel Falkner Scholarship**

Established in 2001 by Daniel Falkner, London, United Kingdom, through the Daniel Falkner Charitable Trust

### **The Simon and Miriam Grossman Scholarship**

Established in 2012 by Kathy Kaufman, Livermore, California

### **The Will and Rita Jaeger Scholarship Fund for Dementia and Related Disorders**

Established in 2014 by the Will and Rita Jaeger Foundation

### **The Ruth Jansen Family Scholarship**

Established in 2015 through the estate of Ruth Jansen, Montreal, Canada

### **The Ronald M. Kantor Scholarship in Theoretical Physics**

Established in 2011 by Evelyn Kantor, Bronx, New York

### **The Monique and William Matheson Scholarships**

Established in 2015 in their honor by the Leidesdorf Foundation and the 1141 Charitable Foundation, Palm Beach, Florida

### **The Joseph Meyerhoff Scholarship**

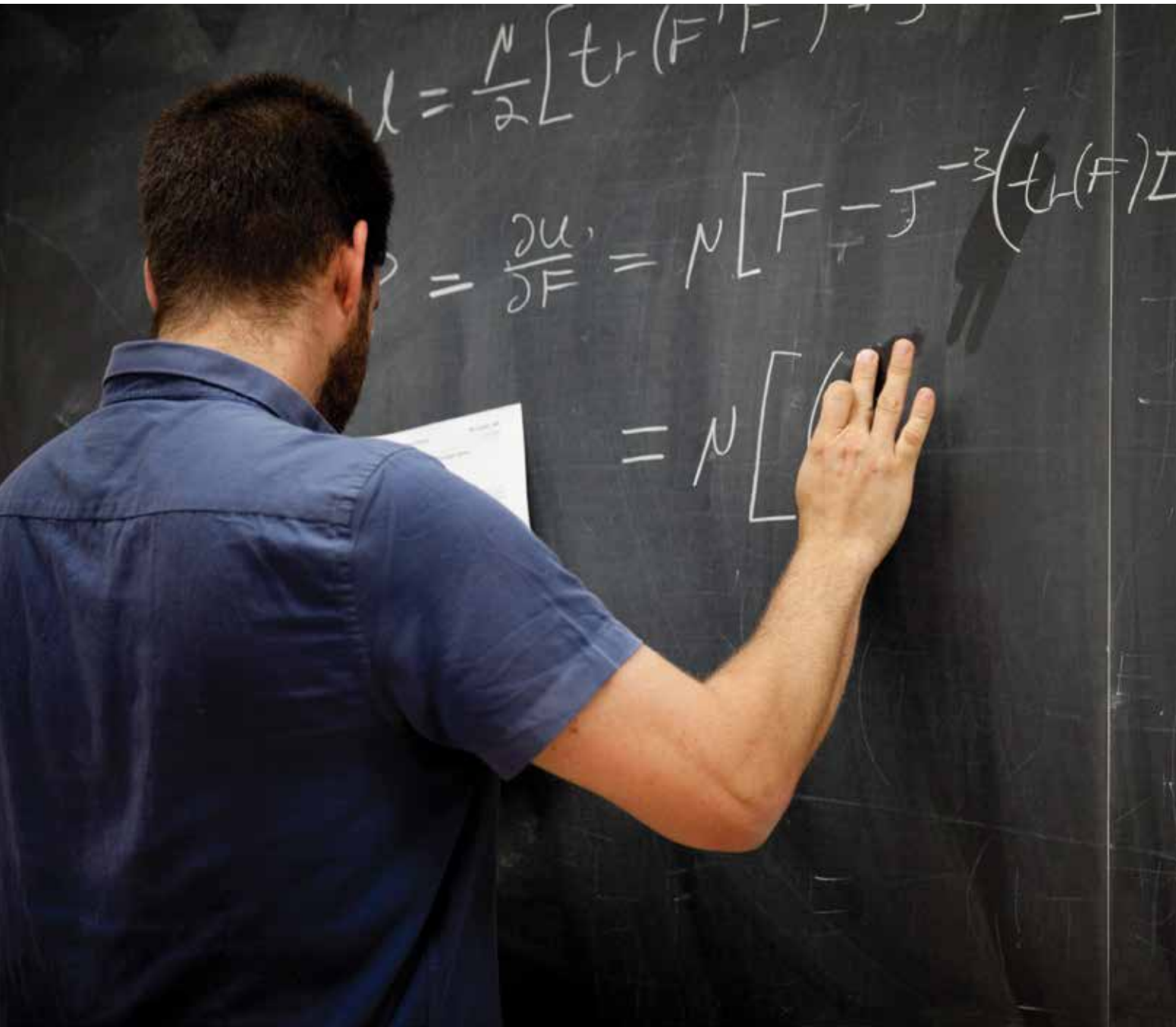
Established in 1983 through the Joseph Meyerhoff Fund and the Rebecca Meyerhoff Fund, Baltimore, Maryland

### **The Sara Moses Memorial Scholarships**

Established in 2014 through the generous bequest of her son Natan Adler Stier

### **The Skolnick Family Charitable Trust Doctoral Scholarships**

Established in 2006 by Mr. Allen Skolnick, Lynbrook, New York



# Scholarship Awards

M.Sc. Scholarships  
in Perpetuity

## **The I. W. Abel Scholarship**

Established in 2002 by the United Steelworkers of America, Pittsburgh, Pennsylvania

## **The Henrietta and Jack Abrams Scholarship**

Established in 1988 by Henrietta Abrams, Lauderhill, Florida

## **The Harry P. and Henrietta Albert Scholarship**

Established in 1970 by the Alfred T. Stanley Foundation, New York

## **The Egle Forti Ancona Scholarship in Perpetuity (The Dana Fund)**

Established in 1993 through a bequest of Mrs. Egle Forti, Rome, Italy

## **The Harvey and Sandy Angell Master's Scholarship in Research for the Benefit of Children**

Established in 2001 by Harvey and Sandy Angell, Chicago, Illinois

## **The Arizona Women and Science Scholarship**

Established in 1996 by Arizona Friends of the Weizmann Institute of Science

## **The Eda and Leo Asseo Scholarship**

Established in 1988 by Eda Asseo, Tel Aviv, Israel

## **The Israel W. and Fannie Backe Scholarship Fund**

Established in 1987 through a bequest of Fannie Backe, Worcester, Massachusetts

## **The Lillian Baker Scholarship**

Established in 1991 through a bequest of Lillian Baker, Hallandale, Florida

## **The Florence and Theodore Baumritter Scholarship Fund for Russian Students**

Established in 1991 by Mr. and Mrs. Theodore Baumritter, Boca Raton, Florida

## **The J. Myron and Zachary Michael Bay Scholarship**

Established in 1979 by Jerry Adler and friends, and the Mogen David Wine Corporation, Chicago, Illinois

## **The Mollie Freeman Becker Scholarship**

Established in 1971 by Mrs. Samuel Becker, Newton, Massachusetts

## **The Shlomo and Rivka Benador Bursary in Perpetuity**

Established in 1984 by Shlomo and Rivka Benador, Geneva, Switzerland

### **The Bendit Foundation Scholarship**

Established in 2000 by Dr. and Mrs. Emile Bendit and the Bendit Foundation, Inc., Baltimore, Maryland

### **The Isabelle and David Bensadoun Masters Scholarship in Environmental/Alternative Energy Research**

Established in 2013, Montreal, Canada

### **The Carolyn and Marvin Birger Scholarship**

Established in 2000 by Marvin Birger, Palm Beach, Florida

### **The Dr. Henri H. Birnbaum Scholarship**

Established in 1979 through a bequest of Dr. Henri H. Birnbaum, New York

### **The Abraham H. Blank Scholarship**

Established in 1979 by Myron Blank, Des Moines, Iowa

### **The Benjamin M. Bloch Memorial Scholarship**

Established in 1964 by the Faculty of the Weizmann Institute of Science, Rehovot, Israel

### **The Alex and Yudas (Yetta) Bloom Scholarship**

Established in 1971 by Philip Bloom, New York

### **The Alan I. Blustein Scholarship**

Established in 1990 by Milton J. Blustein, Palm Beach, Florida

### **The Alejandro y Dinorah Margounato Blum Scholarship**

Established in 1986 by the Leon and Elena Blum Foundation, Montevideo, Uruguay

### **The Edith C. Blum Scholarship Fund**

Established in 2007 by the Edith C. Blum Foundation, New York

### **The Louis C. and Edith B. Blumberg Scholarship Fund**

Established in 1989 by the Louis Blumberg Foundation, Southfield, Michigan

### **The Irena-Ida Bogdanowicz Scholarship**

Established in 1994 through a bequest of Irena-Ida Bogdanowicz, Tel Aviv, Israel

### **The Bonder Family Scholarship Fund**

Established in 1994 through the Leon Bonder Trust, Chicago, Illinois

### **The Dr. Louis D. Boshes and Natalie A. Boshes Endowed Master's Scholarship**

Established in 2005 through a bequest of Dr. Louis D. and Natalie A. Boshes, Chicago, Illinois

### **The Harold and Harriet Brady Master's Scholarship**

Established through a bequest of Harriet Brady, Chicago, Illinois

### **The Joan and William J. Brodsky Scholarship in Photodynamic Cancer Therapy in Perpetuity**

Established in 1995 by the Chicago Committee for the Weizmann Institute of Science, Chicago, Illinois

### **The Adele S. and Abraham Browner Scholarship in Biomedical Research**

Established in 1999 through a bequest of Adele Browner, Chicago, Illinois

### **The Roel C. Buck Master's Scholarship in Nanotechnology Research**

Established in 2010 by the Roel C. Buck Family Foundation, Canada

# Scholarship Awards

## M.Sc. Scholarships in Perpetuity

### **The Melva and Martin Bucksbaum Scholarship in Biomedical/Cardiovascular Research**

Established in 1996 in honor of Melva Bucksbaum and in memory of her husband, Martin, by family and friends, Des Moines, Iowa

### **The John and Dana Burgess Scholarship in Biomedical Research**

Established in 2000 by International Profit Associates, Buffalo Grove, Illinois

### **The Dr. Meyer Chapman Memorial Bursary**

Established in 1971 through a bequest of Dr. Meyer Chapman, Chicago, Illinois

### **The Dr. Ida Golomb and Dr. Mordecai Chertoff Endowed Scholarship Fund in Alzheimer's and Brain Research**

Established in 2015 through bequests of Dr. Ida M. Golomb and Dr. Mordecai S. Chertoff, New York

### **The Isidore and Theresa Cohen Scholarship**

Established in 1973 by the Isidore, Theresa, and Ronald Cohen Charitable Trust, Cape Town, South Africa

### **The Cowen Semester Scholarship in Molecular Biology, in Memory of Belle and Leonard Cowen, and Sylvia and Irving Schwartz**

Established in 1996 by Mr. and Mrs. Stephen A. Cowen, Tenafly, New Jersey, in memory of their parents

### **Scholarship in Biomedical Research in Memory of Richard J. Daley II**

Established in 2002 by friends of William M. Daley, Chicago, Illinois

### **The Joseph and Sadie Danciger Scholarship**

Established in 1987 by the Sadie Danciger Trust and the Joseph and Sadie Danciger Fund, Kansas City, Missouri

### **The Helen and Harry Hans Davis Memorial Scholarship**

Established in 2002 through a bequest of Helen J. Davis, Wyncote, Pennsylvania

### **The Amos and Hortense Deinard Memorial Scholarship**

Established in 1989 through a bequest of Hortense H. Deinard, Minneapolis, Minnesota

### **The Dekker Foundation Master's Scholarship**

Established in 2011 by the Dekker Foundation, Weston, Connecticut

### **The Kitty Waas Dekker, Simon Waas, and Rosette Dekker Scholarship**

Established in 1998 through a bequest of Rosette Dekker, United Kingdom

### **The Samuel Denmark Family Scholarship**

Established in 2000 by the Samuel Denmark Family Philanthropic Fund, Scottsdale, Arizona

### **The Alan Dixon Scholarship in Cancer Research**

Established in 1977 by the Hon. Alan J. Dixon, St. Louis, Missouri

### **The Jack and Simon Djanogly Scholarship in Perpetuity**

Established in 1985 by Sir Harry Djanogly, London, United Kingdom

### **The Pearl and Morris Dry Scholarship**

Established in 1966 by Sidney Dry, Chicago, Illinois

### **The Dr. Yehuda and Leah Dubowski Scholarship**

Established in 1988 by Leah Dubowski, Kiryat Ono, Israel

### **The Batsheva and Joseph Eden Scholarship**

Established in 2007 by Batsheva and Joseph Eden, Great Neck, New York

### **The Dr. Joshua and Helene Ehrlich Memorial Scholarship**

Established in 1987 through a bequest of Helene Ehrlich, Miami, Florida

### **The Bella and Hyman Eisenbaum Scholarship**

Established in 1994 through the Bella Eisenbaum Trust, Miami Beach, Florida

### **The Alex Elovic Memorial Scholarship**

Established in 1996 through a bequest of Bernat Elovic, Miami Beach, Florida

### **The Louis E. Emerman Scholarship in Biomedical Research**

Established in 1999 by the Saul and Devorah Sherman Fund, Chicago, Illinois

### **The Charles I. and Fanny Engelstein Endowment Fund**

Established in 1995 through a bequest of Fanny Engelstein, New York

### **The Bina and Icchak-Meir Erlich Fund**

Established in 1987 through a bequest of their daughter Hanna Erlich, Bendzin, Poland

### **The Belle and Philip Feinberg Scholarship**

Established in 1983 by Abraham Feinberg, New York

### **The Dr. Judith Schneider and Dr. E. Richard Feinberg Scholarship**

Established in 1981 by Belle S. Meller, New York

### **The Lillian Feinberg Scholarship**

Established in 1983 by Abraham Feinberg, New York

### **The Shirley and Judge Wilfred Feinberg Scholarship**

Established in 1983 by Abraham Feinberg, New York

### **The Meyer Feldman Memorial Scholarship**

Established in 1973 through a bequest of Meyer Feldman, Tucson, Arizona



# Scholarship Awards

M.Sc. Scholarships  
in Perpetuity

## **The Joel Fellner and Gisella Schreiber Fellner and Ernest Ludwig Mannheimer and Arabella Weiss Mannheimer Scholarship Fund**

Established in 1983 by the Leopold and Clara M. Fellner Charitable Foundation, Los Angeles, California

## **The Pauline and Maximilian Firestone Bursary**

Established in 1978 by Maximilian Firestone, New York

## **The Aaron and Zlata Fish Memorial Bursary**

Established in 1980 by Mr. and Mrs. Abe Fish, Toronto, Ontario, Canada

## **The Joseph E. and Rose Fisher Scholarship**

Established in 1978 by Mr. and Mrs. Joseph E. Fisher, Canton, Ohio

## **The Rita Friedell and Donald Fiterman Scholarship**

Established in 1969 by Mr. and Mrs. Morlan Fiterman, Highland Park, Illinois

## **The Sonia Floomberg Memorial Scholarship**

Established in 1998 through a bequest of Sonia Floomberg, Montreal, Quebec, Canada

## **The Alexander and Lilly Foldes Memorial Scholarship**

Established in 1981 through a bequest of Lilly Foldes, New York

## **The Malcolm Fraser Scholarship in Medical Biology**

Established in 1981 in honor of Malcolm Fraser by the Australian Association for the Weizmann Institute of Science

## **The Joyce and Joseph J. Freed Family Scholarship**

Established in 1995 by Mr. and Mrs. Joseph Freed, Wheeling, Illinois

## **The Helen and Charles Friedman Scholarship Fund**

Established in 1986 by Helen and Charles Friedman, Paradise Valley, Arizona

## **The William F. Fuerst Scholarship Fund**

Established in 1989 through a bequest of Madeleine Fuerst, New York

## **The Margot and Alfred Furth - Regina Fleischer Scholarship in Chemistry**

Established in 1992 through a bequest of Regina Fleischer, and by Alfred Furth, New York, in memory of his wife, Margot

### **The Naomi and Morris Futorian Scholarship**

Established in 1994 by Naomi Futorian, Northbrook, Illinois

### **The Prof. Eugene Gadol Scholarship**

Established in 2004 through a bequest of Prof. Eugene Gadol, Vienna, Austria

### **The Leo and Frances Gallin Scholarship**

Established in 1994 by Leo and Frances Gallin, Los Angeles, California

### **The Florence Gambino Scholarship**

Established in 2000 through a bequest of Florence Gambino, Chicago, Illinois

### **The Rachel and Herzl Getzler Scholarship**

Established in 2008 by Gad and Talia Zeevi, Haifa, Israel

### **The Bessie and Barnet Ginsburg Memorial Scholarship**

Established in 1971 by the Bessie and Barnet Ginsburg Memorial Foundation, Westhampton Beach, New York

### **The Israel, Sara, and L. Chester Glaser Scholarship**

Established in 1975 through a bequest of L. Chester Glaser, New York

### **The Dr. Anna Goldfeder Scholarship**

Established in 1994 through a bequest of Dr. Anna Goldfeder, New York

### **The Harry Goldman Memorial Scholarship**

Established in 1975 through a bequest of Harry Goldman, New York

### **The Morris and Rose Goldman Scholarship Fund**

Established in 1996 by Rose Goldman, Chicago, Illinois

### **The Richard and Rhoda Goldman Scholarship**

Established in 1982 by Mr. and Mrs. Richard Goldman, San Francisco, California

### **The Samuel L. and Rebecca R. Goldstein Bursary**

Established in 1977 through a bequest of Samuel Goldstein, Lynn, Massachusetts

### **The Phillip and Beverly Goldstick Scholarship**

Established in 1980 by Phillip C. Goldstick, Chicago, Illinois

### **The John P. Gommès and Fruma Steinmetz Fund**

Established in 2011 by the Britto Foundation, London, United Kingdom

### **The Dorothy and Maurice Gordon Scholarship**

Established in 1968 by Centrose Associates, Boston, Massachusetts

### **The Ethel and Anne Gordon Scholarship**

Established in 1990 through a bequest of Ethel Y. Gordon, New York

### **The Helena F. and Jacob Y. Gordon Scholarship**

Established in 1973 by Mrs. Jacob Y. Gordon, Newton, Massachusetts

### **The William and Mildred Gosden Scholarship Fund in Honor of the Gosden Family**

Established in 2005 by Mildred Gosden, Sun City, Arizona

### **The Salomon and Augusta Gottfried Scholarship**

Established in 1997 by Kurt and Sorel Gottfried, Ithaca, New York, in memory of Dr. Gottfried's parents

### **The Victor Graber Memorial Scholarship**

Established in 1999 by David Graber, Alameda, California

# Scholarship Awards

## M.Sc. Scholarships in Perpetuity

### **The Harold J. and Marion Green Scholarship in Perpetuity**

Established in 1970 by Mr. and Mrs. Harold J. Green, Chicago, Illinois

### **The Jules R. Green Scholarship in Perpetuity**

Established in 1980 by Jules R. Green, Chicago, Illinois, in memory of his wife, Rose, and son, Michael Jay Green

### **The Scott David Greenberg Scholarship in Physics Research**

Established in 2001 by Scott D. Greenberg, Buffalo Grove, Illinois

### **The Nandor F. Gross Scholarship**

Established in 1982 through a bequest of Kalman Gross, New York

### **The Isadore and Bertha Gudelsky Family Scholarship Endowment Fund**

Established in 1979 by the Isadore and Bertha Gudelsky Family Foundation, Potomac, Maryland

### **The Haas Family Scholarship in Scientific Research**

Established in 2007 by Dr. and Mrs. David Haas, Suffern, New York

### **The David Halberstadt Scholarship**

Established in 2013 by his wife Hannah and his daughters Simone and Michèle, France

David Halberstadt came to the British Mandate for Palestine as a passionate Zionist when he was 18. He studied to become a civil engineer. The scholarship was established in his memory and enables students to study physics and help build a better future.

### **The Dr.-Ing. Jerzy Hanowski Scholarship**

Established in 1992 through a bequest of Lola Hanowski, Aachen, Germany

### **The Harman Stieglitz Scholarship**

Established in 2013 by the Harmstiegl Foundation, Englewood, New Jersey

### **The Heinrich and Gisa Blum Harpuder Memorial Scholarship**

Established in 1982 through a bequest of Heinrich Harpuder, Bronx, New York

### **The B. J. Harris Scholarship**

Established in 1970 by B. J. Harris, Palm Beach, Florida

### **The Gertrude and Benjamin R. Harris Scholarship**

Established in 1989 through bequests of Gertrude and Benjamin R. Harris, Chicago, Illinois

### **The Harry Julius Harris Scholarship**

Established in 1997 through a bequest of Dorothy Harris and by Anne Ingber, New York

### **The Joan W. and Irving B. Harris Scholarship in Brain Research**

Established in 1997 by friends and supporters, Chicago Committee for the Weizmann Institute of Science, Chicago, Illinois

### **The Dr. Esther Hellinger Memorial Scholarship**

Established in 1986 through a bequest of Dr. Esther Hellinger, London, United Kingdom

### **The Carylon and Julius L. Hemmelstein Scholarship in Perpetuity**

Established in 2001 by the Carylon Foundation, Chicago, Illinois

### **The Barry Hershman and Barbara Isaacson Scholarship in Biomedical and Cancer Research**

Established in 2001 by Barry Hershman, Des Plaines, Illinois

### **The Al Hertz Memorial Master's Scholarship in Melanoma and Related Cancers Research**

Established in 2013 by Elise Hertz, Toronto, Canada

### **The Fay and Harry Hoffman Scholarship**

Established in 1982 by Harry Hoffman, family and friends, Chicago, Illinois

### **The Benjamin S. Hornstein Scholarship Fund**

Established in 1989 through a bequest of Benjamin S. Hornstein, New York

### **The Anna Hurwitz Scholarship in Perpetuity**

Established in 1983 by Allan Hurwitz, Chicago, Illinois

### **The Evelyn and Harold Igdaloff Scholarship Fund**

Established in 2007 by Mr. and Mrs. Harold Igdaloff, Los Angeles, California

### **The Fanny E. and Lewis J. Isaacs Scholarship**

Established in 1989 through the Fanny E. Isaacs Living Trust, Glencoe, Illinois

### **The Thomas and Ruth Isackson Memorial Scholarship Award**

Established in 1992 through a bequest of Ruth Isackson, Miami Beach, Florida

### **The Judith Kaplan Master's Scholarship in Perpetuity**

Established in 2013 by the Judith Anne Kaplan Fund of RSF Social Finance, Sonoma, California

### **The Barbara and Jon M. Kaufman Scholarship in Particle Physics**

Established in 2008 by Jon M. Kaufman, New York

### **The Benjamin Kaufman Memorial Scholarship**

Established in 1995 by Nathan Jacobs, New York

### **The Bruce and Joëlle Kent Masters Scholarship in Neuroscience Research with a focus on Mental Health**

Established in 2013, Montreal, Canada

### **The Annie and Armand Kessous Masters Scholarship in Mathematics and Computer Science Research**

Established in 2013, Montreal, Canada

### **The Udi Khazam Memorial Scholarship**

Established in 1996 by the Khazam Family, London, United Kingdom, and Vancouver, British Columbia, Canada

### **The Nora Lifschultz Bergman and Edward Klein Scholarship in Biomedical Research**

Established in 1998 by Edward Klein, Rancho Mirage, California, and S. Nora Bergman, Chicago, Illinois

# Scholarship Awards

## M.Sc. Scholarships in Perpetuity

### **The Marcia S. and Michael H. Klein Scholarship for Autoimmune Diseases**

Established in 2012 by Marcia and Michael Klein, Bloomfield Hills, Michigan

### **The Neil David Konheim Memorial Scholarship**

Established in 1985 by George Konheim, Beverly Hills, California

### **The Arthur Konviser Memorial Scholarship in Cancer Research**

Established in 2007 by Dr. Eudice Goldberg and friends, Toronto, Ontario, Canada

### **The Dr. David Kopel Scholarship in Perpetuity**

Established in 1997 through a bequest of Dr. David Kopel, Chicago, Illinois

### **The Richard Koret Scholarship**

Established in 1968 by the trustees of the Richard Koret Foundation, New York

### **The Joseph Korodi Memorial Scholarship**

Established in 1993 by Emmy Singer, Hamilton, Ontario, Canada

### **The Alex and Lilly Koron Scholarship**

Established in 2008 through bequests of Alex and Lilly Koron, Chicago, Illinois

### **The Frank Korrick Scholarship**

Established in 1991 through a bequest of Francis Charles Korrick, Sydney, Australia

### **The Esther B. and Milton J. Krainin Master's Scholarship**

Established in 2006 by Dr. Milton J. Krainin, Atlanta, Georgia

### **The Margaret S. Kramer Scholarship**

Established in 1999 by Margaret S. Kramer, Palm Beach, Florida

### **The Samuel and Ronnie Kraut Scholarship in the Life Sciences**

Established in 1988 by Ricky Kraut through bequests of her parents, Samuel and Ronnie Kraut, Winnipeg, Manitoba, Canada

### **The Anne P. Lederer Master's Scholarship in Brain Research**

Established in 1998 by the Anne P. Lederer Research Institute, Chicago, Illinois

### **The Philmore A. and Judith Leemon Scholarship in Brain Research**

Established in 1997 by Philmore A. and Judith Leemon, Las Vegas, Nevada

**The Dr. Aaron M. Lefkovits  
Scholarship Fund Bursary**

Established in 1986 by Dr. Aaron Lefkovits, Memphis, Tennessee

**The Dr. Sophie N. Leschin  
Scholarship Fund**

Established in 1985 through a bequest of Dr. Sophie N. Leschin, Chicago, Illinois

**The Eudyce H. Levin Scholarship  
in Cancer Research**

Established in 1984 by Wallace “Bud” Levin, North Miami Beach, Florida

**The Wallace S. Levin Scholarship  
Fund**

Established in 1997 by Mark Levin, Davie, Florida

**The Chaim Michel and Chaya  
Freyda Levine Scholarship,  
established by their son, Jules  
Lawren**

Established in 1995 through a bequest of Jules Lawren, New York

**The Irena and Morris Goldstein  
and Stefan Joram Lewari  
Memorial Scholarship**

Established in 1988 through a bequest of Irena Lewari, Cape Town, South Africa

**The Lewis Family Scholarship**

Established in 2013 by the Lewis Family Trust, Hackensack, New Jersey

**The Morris I. Lewisohn  
Scholarship**

Established in 1976 through a bequest of Morris I. Lewisohn, Teaneck, New Jersey

**The Leyfell Family Master’s  
Scholarship**

Established in 2001 by Mr. and Mrs. Aleksander Leyfell, Cambridge, Massachusetts

**The Dorothy and Elias Lieberman  
Memorial Scholarship**

Established in 1972 by the Elias Lieberman Memorial Foundation, Jamaica, New York

**The Jacob P. and Estelle  
Lieberman Scholarship**

Established in 1990 by the International Fund for Education and Career Development, Tel Aviv, Israel

**The Terri and Barry Lind  
Scholarship for New Scientists  
Specializing in Cancer Research**

Established in 2004 by Mr. and Mrs. Barry J. Lind, Chicago, Illinois

**The Yehoshua, Rachel, and Irit  
Linda Scholarship in Alzheimer’s  
Disease Research**

Established in 2014 through a bequest of Yehoshua Linda, Rehovot, Israel

**The Abe Lisan Educational Grant  
Bursary**

Established in 1974 through a bequest of Abe Lisan, Glenside, Pennsylvania

**The Bert and Etta Liss  
Scholarship**

Established in 2011 through a bequest of Bert and Etta Liss

**The Meyer Loomstein  
Scholarship**

Established in 1982 by Meyer Loomstein, Hollywood, Florida

**The Josef and Avraham (Avi)  
Isser Luchfeld Memorial Bursary**

Established in 1986 by Mr. and Mrs. Josef Luchfeld, Montreal, Quebec, Canada

**The Lou and Miriam Ludwig  
Scholarship**

Established in 1974 through a bequest of Louis Ludwig, New York



# Scholarship Awards

M.Sc. Scholarships  
in Perpetuity

## **The Sir Jack and Lady Roslyn Lyons Memorial Scholarships**

Established in 2015 through the Rosjac Foundation by their children Jonathon Lyons and Patricia Maude-Roxby-Montalto, Switzerland

## **The Henry and Louis Malakoff Scholarship Fund, New Rochelle, New York**

Established in 1991 by Rebecca Malakoff, Brooklyn, New York

## **The Judd D. Malkin Scholarship in General Biomedical Research**

Established in 2004 by Judd Malkin and Barry Malkin, Chicago, Illinois

## **The Alexander and Mary Margolis and Bernard A. Margolis Perpetual Memorial Scholarship Fund**

Established in 1993 through a bequest of Bernard A. Margolis, Brooklyn, New York

## **The Ben and Ruth Marks Scholarship**

Established in 1990 by Ben and Ruth Marks, North Miami Beach, Florida

## **The Judge Abraham Lincoln Marovitz Scholarship for the Study of Aging**

Established in 1996 by friends of the late Hon. Judge Abraham Lincoln Marovitz, Chicago, Illinois

## **The Joory Mashal Bursary**

Established in 1981 by Joory and Doreen Mashal, Montreal, Quebec, Canada

## **The Samuel Mayer Bursary**

Established in 1973 by Elsie Mayer, Santa Monica, California

## **The Joseph and Mable E. Meites Scholarship Fund**

Established in 1983 by Joseph and Mable E. Meites, Okemos, Michigan

## **The Nora Menascé Scholarship in Cancer Research**

Established in 2002 through a bequest of Nora Menascé, Milan, Italy

## **The Martin and Dianne Mendoza Scholarship**

Established in 1991 in honor of Martin and Dianne Mendoza by friends and admirers, London, United Kingdom

## **The Leo Meyer Scholarship**

Established in 1965 through a bequest of Leo Meyer, San Francisco, California

### **The Dr. Bert Migicovsky Scholarship**

Established in 1990 by the Ottawa Jewish Community, Ottawa, Ontario, Canada

### **The Minzer Family Fund Scholarship**

Established in 1978 by Margaret and Sol Minzer, Dallas, Texas

### **The Pola and Elias Mirson Scholarship**

Established in 1989 through a bequest of Pola Mirson, Buenos Aires, Argentina

### **The Miram and David Mondry Scholarship**

Established in 2013 through a bequest of Miriam Mondry, Bloomfield Hills, Michigan

### **The Paul and Felicia Muskat Scholarship Fund**

Established in 1984 through a bequest of Paul Muskat, Toronto, Ontario, Canada

### **The Inez P. and David N. Myers Scholarship**

Established in 1981 by the David and Inez Myers Scholarship Fund, Cleveland, Ohio

### **The Fanny Fletcher and Meyer Naxon Memorial Scholarship in Perpetuity**

Established in 1984 through a bequest of Meyer Naxon, Beverly Hills, California

### **The Clara and Bela B. Nevai Scholarship**

Established in 1972 by Mr. and Mrs. Bela B. Nevai, Dobbs Ferry, New York

### **The Dr. Louis B. and Rose M. Newman Scholarship**

Established in 1971 by Dr. and Mrs. Louis B. Newman, Chicago, Illinois

### **The Harold Paul Novick Scholarship in Perpetuity**

Established in 1982 by Mr. and Mrs. Samson Novick, New York

### **The Cemach Oiserman Scholarship Fund**

Established in 1999 through the offices of Yehuda Assia, Geneva, Switzerland

### **The Walter Pancoe Scholarship**

Established in 1992 by Walter Pancoe, Chicago, Illinois

### **The Cecile and Ben Pekin Scholarship**

Established in 2002 by Cecile and Ben Pekin, Highland Park, Illinois

### **The Gertrude and Ivar Philipson Bursary**

Established in 1961 through bequests of Gertrude and Ivar Philipson, Stockholm, Sweden

### **The Rose and Israel Pincus Bursary in Perpetuity**

Established in 1987 by William B. Ingram, Laguna Hills, California

### **The Harry and Evelyn F. Platoff Memorial Bursary**

Established in 1975 through a bequest of Evelyn F. Platoff, Miami Beach, Florida

### **The Edith and Henry Plessner Scholarship**

Established in 1991 through a bequest of Edith Plessner, New York

### **The David and Janet Polak Scholarship**

Established in 1997 by Mr. and Mrs. David Polak, Beverly Hills, California

### **The David Pollin Revolving Scholarship Fund**

Established in 2000 through a bequest of Dan Pollin, Fort Lauderdale, Florida

### **The Sidney L. and Betty B. Port Scholarship in Perpetuity**

Established in 2003 by Sidney L. Port, Chicago, Illinois

# Scholarship Awards

## M.Sc. Scholarships in Perpetuity

### **The Alfred Prager Scholarship in Perpetuity**

Established in 1970 by the American Committee for the Weizmann Institute of Science, and through a bequest of Alfred Auerbach, New York

### **The Brothers Moses and Meyer Pupko Trust Fund Bursary**

Established in 1971 through a bequest of Abraham Pupko, Seattle, Washington

### **The Rona and David Radler/Sun Times Scholarship in Biomedical Research**

Established in 1997 in honor of F. David Radler by the Chicago Committee for the Weizmann Institute of Science, Chicago, Illinois

### **The Ruth Epstein Recu Scholarship**

Established in 1980 by Ruth Recu, Chicago, Illinois

### **The Harry and Mildred Remis Scholarship**

Established in 1973 by Mr. and Mrs. Harry Remis, Peabody, Massachusetts

### **The Anna and Max Resnick Scholarship**

Established in 1996 by Howard Resnick, Chicago, Illinois

### **The Prof. David Rittenberg Memorial Bursary**

Established in 1971 in memory of her husband by Mrs. S. Rittenberg and friends, New York

### **The Aida and Jerome Robinson Scholarship Endowment Fund**

Established in 2003 by Jerome and Aida Robinson, Fort Lee, New Jersey

### **The Lillian L. Rolde Memorial Scholarship**

Established in 1981 by L. Robert Rolde, Boston, Massachusetts

### **The Dorothy and Irving Rom Scholarship**

Established in 1990 by the Irving and Dorothy Rom Charitable Trust, Chicago, Illinois

### **The Ben and Esther Rosenbloom Foundation Scholarship**

Established in 1990 by Ben and Esther Rosenbloom, Baltimore, Maryland

### **The Charles J. Rosenbloom Memorial Bursary**

Established in 1973 through a bequest of Charles J. Rosenbloom, Pittsburgh, Pennsylvania

### **The Isidore Rosenkrantz Scholarship**

Established in 1960 through a bequest of Isidore Rosenkrantz, St. Paul, Minnesota

### **The Anna and Leo Rosner Scholarship**

Established in 1986 by the Leo Rosner Endowment Fund, Miami Beach, Florida

### **The Celia and Nelson Rostow Scholarship**

Established in 1987 through a bequest of Nelson Rostow, New Haven, Connecticut

### **The Sara Rottenberg Scholarship in Cancer Research**

Established in 1994 by Sophie Kalina, New York, in memory of her mother

### **The Rachelle Rubin (nee Blecher) Scholarship**

Established in 1991 by Rachelle Lea Rubin, Dusseldorf, Germany

### **The David and Eleanore Rukin Scholarship**

Established in 1981 by the David and Eleanore Rukin Philanthropic Foundation, Saddle River, New Jersey

### **The Rymer Family Scholarship**

Established in 1986 by the Barry Rymer Trust, Chicago, Illinois

### **The Ann B. Sadowsky Scholarship**

Established in 1987 through a bequest of Ann Sadowsky, Mineola, New York

### **The Dr. Alexander Salamon Memorial Endowment Fund**

Established in 2006 by Lilly Salcman, Julie Salamon, and Dr. Suzanne Salamon, Florida, New York, and Massachusetts

### **The Bernard and Edith Samers Scholarship in Cancer Research**

Established in 1997 in honor and in memory of Bernard Samers, former Executive Vice-President, American Committee for the Weizmann Institute of Science, New York

### **The Marvin Sands Endowed Master's Scholarship Fund**

Established in 2003 in honor of Marvin Sands by South Florida Friends of the Weizmann Institute of Science

### **The Elsie Olin and Philip D. Sang Scholarship**

Established in 1995 by Elsie Olin Sang, Chicago, Illinois

### **The Jerome D. and Beverly Scheer Scholarship**

Established in 1989 by Jerome D. and Beverly Scheer, Potomac, Maryland

### **The Sylvia and Aaron Scheinfeld Scholarship**

Established in 1976 by Mrs. Aaron Scheinfeld, Chicago, Illinois

### **The Harry and Mae Schetzen and Prof. Martin Schetzen Scholarship**

Established in 1979 by Mae Schetzen, New York

### **The Dr. Oskar and Sally Schickler Scholarship Fund**

Established in 2007 through a bequest of Dr. Oskar Schickler, Montreal, Canada

### **The Ida and Abraham Schneider Scholarship**

Established in 1968 by Abraham Schneider, Palm Beach, Florida

### **The Max Schoenfeld Scholarship**

Established in 1976 by Walter E. Schoenfeld, Seattle, Washington

### **The Stuart and Sarah Schulman Scholarship Fund**

Established in 1991 by Dr. and Mrs. Stuart Schulman, Boca Raton, Florida

# Scholarship Awards

M.Sc. Scholarships  
in Perpetuity

## **The Joseph Schumer Scholarship**

Established in 1964 through a bequest of Joseph Schumer, New York

## **The Rabbi Samuel and Charlotte Schwartz Scholarship**

Established in 1981 by their son James L. Schwartz, Highland Park, Illinois

## **The Segal Scholarship in Biomedical Research**

Established in 2000 by Joan and George I. Segal, Chicago, Illinois

## **The Henry and Soretta Shapiro Master's Scholarship**

Established in 1996 by the Soretta and Henry Shapiro Family Foundation, Chicago, Illinois

## **The Sabina D. and Benjamin Shapiro Scholarship Fund**

Established in 1999 through a bequest of Sabina D. Shapiro, New York

## **The Ruth and Leonard Simon Scholarship in Leukemia/Cancer Research**

Established in 1999 by Ruth Simon, Wilmette, Illinois

## **The Rochelle and Harold Simpson Scholarship**

Established in 2003 by Harold and Rochelle Simpson, Delray Beach, Florida

## **The Irving I. Singer Foundation Scholarship**

Established in 1974 by the Irving I. Singer Foundation, New York

## **The Yvette Slotnick Scholarship Fund**

Established in 1998 by Rhea Slotnick, Margate, Florida

## **The Sabine and Jeremy Smouha Scholarship**

Established in 2007 by Mr. and Mrs. Jeremy Smouha, London, United Kingdom

## **The Rabbi and Mrs. Aaron Solomon Bursary**

Established in 1982 by Dr. Jonathan G. Solomon, Hampton, Virginia, in honor of his parents

## **The Paula and Ernest Sommers Scholarship**

Established in 1998 by Ernest Sommers, Chicago, Illinois

## **The Eliezer and Genia (Chaine) Sotskover Scholarship**

Established in 1992 through bequests of Eliezer and Genia (Chaine) Sotskover, Ramat Gan, Israel

### **The Hazel and David Spatz Scholarship**

Established in 2000 by the Spatz Family Foundation, Chicago, Illinois

### **The Samuel J. Spector and Augusta Spector Bursary**

Established in 1978 through a bequest of Augusta Spector, New York

### **The Blanche and Max Steig Memorial Scholarship Fund**

Established in 1993 through a bequest of Blanche Steig, New York

### **The Oscar H. Stern Memorial Scholarship**

Established in 1976 through a bequest of Oscar H. Stern, New York

### **The Sheri Hirschfield Stone and David E. Stone Scholarship for Stem Cell Research**

Established in 2013 by David and Sheri Stone, Coral Gables, Florida

### **The Leo and Rachel Sussman Scholarship Fund**

Established in 2008 through a bequest of Rachel Sussman, Garden City, New York

### **The Roy L. Swarzman Scholarship in Perpetuity**

Established in 1990 by Matthew Bucksbaum, Marvin Pomerantz, and Mr. and Mrs. Stanley Isaacson, Des Moines, Iowa

### **The Swiss Society of Friends of the Weizmann Institute of Science Scholarship in Perpetuity**

Established in 1985 by the Swiss Society of Friends of the Weizmann Institute, Zurich, Switzerland

### **The Nachman Syrkin and Mendel Osnos Scholarship**

Established in 1999 by Drs. Morton G. and Zivia Wurtele, Berkeley, California

### **The Armin and Etel (Angyal) Szolovits Master's Scholarship**

Established in 2001 through bequests of Armin and Etel Szolovits, Hollywood, California

### **The Isaac H. Taylor Scholarship**

Established in 1972 by Isaac H. Taylor, Ellicott City, Maryland

### **The Yael and Rami Ungar Master's Scholarship in Perpetuity**

Established in 2010 by Rami and Yael Ungar, Israel

### **The Werner and Daughter Renee Usansky Memorial Bursary**

Established in 1982 by Sra. Sara Z. de Usansky, Buenos Aires, Argentina

### **The Minnie and Arthur Vare Scholarship**

Established in 1968 by the Minnie and Arthur Vare Foundation, New York

### **The Rose and Ben N. Vollen Scholarship**

Established in 1993 through a bequest of Ben N. Vollen, Chicago, Illinois

### **The Wagner-Braunsberg Family Foundation Scholarship Fund**

Established in 2008 by Mr. and Mrs. Peter Wagner, and Elizabeth Wagner, Rockville, Maryland

### **The Norma Walk Memorial Scholarship**

Established in 1971 through a bequest of Norma Walk, New York

### **The Raoul Wallenberg Scholarship**

Established in 1980 by the Swedish Committee and the Canadian Society for the Weizmann Institute of Science



# Scholarship Awards

## Annual and Semester M.Sc. Scholarships

### **The George Wasserman Family Foundation/Janice Wasserman Goldsten Scholarship**

Established in 1994 by the George Wasserman Foundation, Inc. and by Janice Wasserman Goldsten, Washington, D.C.

### **The Dr. Edgar Weil Memorial Bursary**

Established in 1975 by an anonymous donor, Los Angeles, California

### **The Charles Weinfeld Memorial Scholarship**

Established in 1972 by the Charles Weinfeld Trust, Northbrook, Illinois

### **The Celeste and Joseph Weingarten Memorial Scholarship**

Established in 1987 by Nancy Weingarten and friends, Boston, Massachusetts

### **The Edythe and Samuel Weinstein Scholarship**

Established in 2002 by the Samuel Weinstein Family Foundation, Niles, Illinois

### **The Joe and Celia Weinstein Master's Scholarship in Perpetuity**

Established in 1995 by Major Max and Sylvia Shulman, New York

### **The Dr. Lee Franklin Weinstock Leadership Scholarship**

Established in 1994 through a bequest of Dr. Lee Franklin Weinstock, Detroit, Michigan

### **The Samuel Wendorf Bursary for the Feinberg Graduate School**

Established in 2001 through a bequest of Samuel Wendorf, Milwaukee, Wisconsin

### **The Sarah Werch Research Scholarship Fund**

Established in 1994 by the Solomon Carl Werch Trust, Chicago, Illinois

### **The J. Stanley and Rose Weyman Memorial Scholarship**

Established in 1997 by Anne Weyman, London, United Kingdom

### **The Estelle White Memorial Scholarship Fund**

Established in 2001 through a bequest of Estelle White, New York

### **The William W. Wilkow Scholarship Fund**

Established in 1987 by Mrs. William W. Wilkow, Chicago, Illinois

**The Dr. Albert and Blanche Willner Scholarship for Russian Students**

Established in 1993 by Dr. and Mrs. Albert Willner, Delray Beach, Florida

**The Women of Vision Scholarship Fund for Breast and Ovarian Cancer Research**

Established in 1996 by friends and supporters, South Florida Committee for the Weizmann Institute of Science

**The Milton Young Memorial Bursary**

Established in 1980 by friends of Milton Young, New York

**The Alice Zacharia Scholarship**

Established in 1983 by Madame Alice Zacharia, Paris, France

**The Louis and Celia Zeibell and Ida Zeibell Scholarship in Perpetuity**

Established in 1995 by Jack Zeibell, Chicago, Illinois

**The William N. Zinn Endowed Master's Scholarship**

Established in 2003 by Robert Zinn, Houston, Texas, and Natalie Zinn Haar, Cambridge, Massachusetts

**The Samuel Zonne Semester Scholarship**

Established in 1980 through a bequest of Samuel Zonne, Minneapolis, Minnesota

**The Lillian and Samuel L. Zuckerman Bursary**

Established in 1959 by the Zuckerman family, New York, in honor of their parents' golden wedding anniversary

# Scholarship Awards

Annual and Semester  
M.Sc. Scholarships

## **The David Himelberg Foundation Scholarship**

Established in 2014 by the David  
Himelberg Foundation, New York

## **The Jorge Kassel Scholarship in the Earth Sciences**

Established in 1990 by Jorge Kassel,  
Naucalpan, Mexico

## **The Edward C. and Linda Dresner Levy Foundation Master's Scholarship**

Established in 2010 by Edward C. and  
Linda Dresner Levy, Detroit, Michigan

## **The Charles and Denise Noparstak Master's Scholarship**

Established in 2010 by Charles and  
Denise Noparstak, Northbrook, Illinois

## **The William Shatner Master's Scholarship for Earth and Planetary Sciences Research**

Established in 2014 by Weizmann  
Canada

## **The Herman de Stern Stiftung Scholarship**

Established in 2007 by the Herman de  
Stern Stiftung, Jerusalem, Israel

