

# Feinberg Graduate School

## 2018 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 16, 2018**  
7:00 p.m.  
Memorial Plaza  
Weizmann Institute of Science, Rehovot

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

**יום רביעי, ב' בסיוון תשע"ח, 16 במאי 2018**  
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  
**Prof. Zvulun Elazar**, Chair  
Scientific Council of the Weizmann Institute of Science

**Keynote Address** Israeli writer **Dorit Rabinayn**

**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. Ziv Zwihaft**,  
Department of Biomolecular Sciences

**Music** **Assaf Amdursky**

Light refreshments

**תוכנית**

**ברכות**

**פרופ' דניאל זייפמן**  
נשיא מכון ויצמן למדע  
**פרופ' אירית שגיא**  
דיקן מדרשת פיינברג של מכון ויצמן למדע  
**פרופ' זבולון אלעזר**  
י"ר המועצה המדעית של מכון ויצמן למדע

**הרצאת אורח** הסופרת **דורית רביניאן**

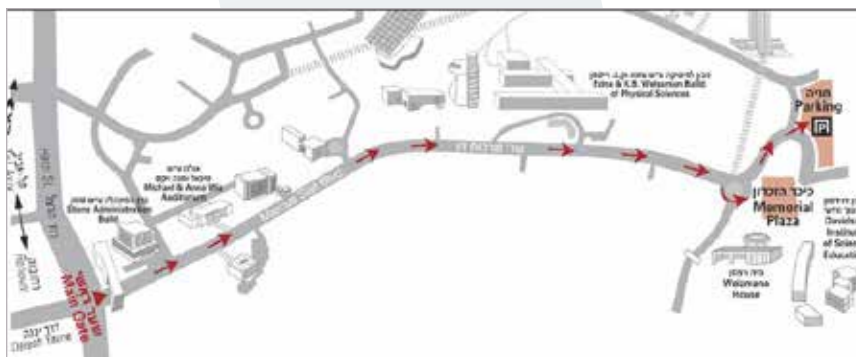
**הענקת פרסי הצטיינות לתלמידי מחקר  
והענקת תעודות דוקטור לפילוסופיה**

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

דברים בשם הבוגרים **ד"ר זיו צויגהפט**,  
המחלקה למדעים ביומולקולריים

**מוסיקה** **אסף אמדורסקי**

כיבוד קל



**Please note the following:**

- Guests with special needs concerning access to the site are kindly requested to notify FGS in advance (08-9344536), 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 הגעתם עם המדרשה (08-9344536) כדי לקבל את הסיוע הדרוש.
- הכניסה לאתר האירוע ולמתחם המושבים תתאפשר מהשעה 18:15 עד 18:55 ובהצגת הזמנה זו בלבד.
- למתחם המושבים המרכזי תותר כניסת ילדים מגיל 6 ומעלה בלבד. אורחים עם תינוקות וילדים מתחת לגיל 6, וכן אורחים שיאחרו, יוכלו לצפות בטקס ממתחם המושבים העליון בלבד.
- לשירות האורחים תוצב במקום עמדת מודיעין.

## **Feinberg Graduate School**

Weizmann Institute of Science

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Weizmann Institute of Science

Scholarship Awards PhD Scholarships in Perpetuity

Scholarship Awards MSc Scholarships in Perpetuity

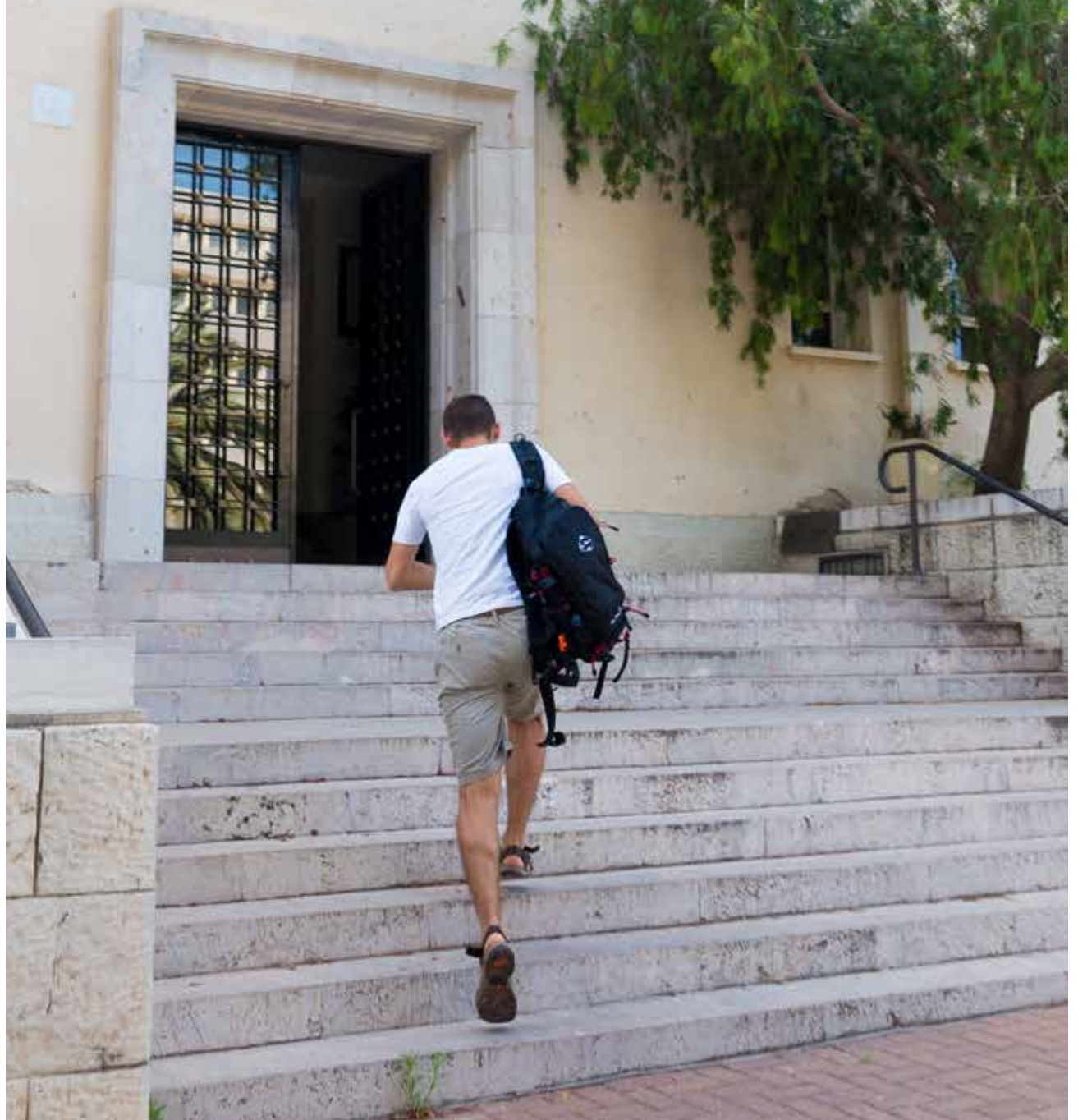
# The Weizmann Institute of Science

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-age 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.



WEIZMANN  
INSTITUTE  
OF SCIENCE



# 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 LLB (USA) 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 (MSc) and Doctor of Philosophy (PhD) 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 more than 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 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

I would like to congratulate all those receiving their diplomas. I would like to congratulate their families, and I would like to congratulate the Feinberg Graduate School as well as the dean heading it, Professor Irit Sagi. I would also like to congratulate the faculty and the scientists of the Weizmann Institute who every single day educate and support the next generation of scientists.

You, dear graduates, have travelled a long and challenging path in order to arrive on this stage tonight. If you count your years of study from primary school up through the end of this semester, you would easily arrive at 17 years of schooling. If you include your PhD, this number may increase to over twenty — all this time spent in the framework of studying, not including kindergarten. If we add to this the postdoctorate that some of you will soon begin, which will last between two to five years, you may tally 25 years of study and practice.

To put this in perspective, today, life expectancy is around eighty years. This means that to be a scientist you must first dedicate 25 to 30 percent of your life in order to achieve this goal.

Is it worth it? Is this really the best investment of your time?

The generally accepted answer is that education leads to a profession and making a livelihood. The statistics show this to be true. However, is this really the main reason that students spend years in research labs at the Weizmann Institute, in order to examine DNA sequences or to understand what some material is made up of?

Based on my experience, the answer that it is solely for a profession and livelihood, is not the main reason why people undertake this marathon. This educational track offers personal empowerment, the personal and internal will to go from ignorance to knowledge, to break through boundaries and, in general, to turn darkness into light. This is truly what the role of the scientist is.

And do not think that you have learned a profession. Being a scientist is not a profession but rather a way of life, or as Jacques Cousteau said: “What is a scientist after all? It is a curious person looking through a keyhole, the keyhole of nature, trying to know what's going on”.



I wish for you that you will be able to expand any keyhole that you find so that we all may look through it more easily. More than that, we expect each and every one of you to fill a key role in your field. And this is, I believe, a goal that is definitely worth dedicating 25 to 30 percent of your life to.

Best of luck,

Daniel Zajfman  
President of the Weizmann Institute of Science



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

President of the Weizmann Institute, Prof. Daniel Zajfman, Chair of the Scientific Council, Prof. Zvulun Elazar, our guest of honor and keynote speaker today, the writer Dorit Rabinyan, faculty members, families, guests and dear graduates.

It is a great pleasure to welcome you to the 2018 Graduation Ceremony of the Weizmann Institute of Science. Each year, this is an exciting moment for all of us as we celebrate the scientific achievements of our graduate students in basic science. Prof. Chaim Weizmann said: "Miracles sometimes occur, but one has to work terribly hard for them". Graduating from the Weizmann Institute of Science is not a miracle. It requires extremely hard work and dedication and is a great lifetime achievement. Dear graduates, we are proud of your accomplishments and look forward to seeing you take on leadership roles in the disciplines of science and technology, education, and social practice.

The graduation ceremony allows us, the scientists, to express our gratitude to our students who have reached this pinnacle after a long and fascinating journey on the path of basic science. We are proud of you, new graduates of the Weizmann Institute of Science. Those of you who are about to receive your PhD tonight will leave this place for a new life as independent scientists. Those who are about to receive their master's degrees will continue their scientific educational path in academia or in the rich application of knowledge here in Israel or elsewhere in the world.

The key motivating factor behind basic research is inquisitiveness, and its result is a large intellectual collection of ideas, principles, approaches, and insights that can be applied in a range of different technological applications in various fields. The renowned researcher, Marie Curie, was awarded the Nobel Prize for Physics in 1903 and the Nobel Prize for Chemistry in 1911. She promoted the use of the radioactive element radium to attack cancer cells. She wrote this on the subject: "We must not forget that when radium was discovered no one knew that it would prove useful in hospitals. The work was one of pure science. And this is a proof that scientific work must not be considered from the point of view of the direct usefulness of it. It must be done for itself, for the beauty of science, and then there is always the chance that a scientific discovery may become like the radium, a benefit for humanity."

We as scientists have two personality traits in common: the first is restless curiosity, and the second one is endless optimism that leads us to believe we are able to investigate the truth and obtain a deep understanding of nature. Dear graduates, the research that you have led together with your teachers has taught you most of all creative and challenging thinking, to ask questions for the future, and ultimately, to plan meticulously the road to finding the answers to those questions.

I have no doubt that your discoveries will bear fruit in the future. I am full of hope that you will succeed in getting to know and believing in your own abilities, and that your journey will help you to achieve a new level of knowledge and intellectual richness.

On this occasion, I have the pleasure of congratulating in particular the new graduates of the Rothschild-Weizmann MSc program in science teaching. Within the framework of this program, around 225 degrees have been awarded to teachers in the field of natural sciences. We are confident that the rich and constructive time you have spent with us at the Weizmann Institute of Science will lead you to guide the coming generations of children towards the future and its challenges.

As is my tradition in this position, I would like to thank the families of every single one of you for nurturing and encouraging you to strive for excellence, and of their support of you from a young age and over the years. An additional “thank you” goes out to your teachers, the members of the scientific faculty of the Weizmann Institute of Science for the many hours that they have invested in learning, in teaching, in guiding, and in training the graduates to be promising scientists in the fields of mathematics, computer science, physics, chemistry, life science, and science teaching.

To conclude, the president and former prime minister of Israel, Shimon Peres, may his memory be blessed, said that “people who do not have imagination will not do amazing things”. I wish for you, dear graduates, that you will succeed in implementing your vivid imaginations in your ground-breaking scientific work with passion, inquisitiveness, and courage.

Our best wishes and our expectations for your success will be with you from here on, along the new journey on which you are about to embark.

A handwritten signature in black ink, appearing to be 'Irit Sagi', written in a cursive style.

Prof. Irit Sagi  
Dean, Feinberg Graduate School



Prof. Zvulun Elazar  
Chair  
Scientific Council  
Weizmann Institute of Science



Dear Graduates,

In the framework of my position, I represent the Scientific Council tonight, a body that includes most of the scientists of the Institute, and oversees academic issues in general, and your theses specifically.

For us, the scientists of the Institute, the students are the spearhead of science. As I am sure that you have learned from your own experience, the relationships between the faculty and the students is very special. In addition to the scientific education that we give you, we also learn from you, and this is one of the most beautiful and most enjoyable experiences in science.

I have no doubt that the Weizmann Institute of Science provides the perfect environment in which to focus on science, and I hope that the tools that you have acquired here — above all the aspiration to excellence that is so strongly associated with this institution — will accompany you on your journey.

Thank you, dear graduates, and best of luck. Thank you, members of faculty and special thanks to you, the families, for your support along this complex path.



Prof. Zvulun Elazar  
Chair of the 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.

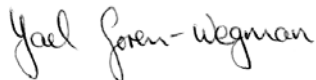
Many Weizmann Institute alumni hold senior posts and influential positions in Israel and abroad – a true source of pride for the Institute. A quarter of science PhD graduates in Israel are Weizmann alumni, and they greatly contribute to the country's economic, scientific, and technological development.

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 stay 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



## Student Graduation Speech Dr. Ziv Zwighaft

*Dr. Ziv Zwighaft completed his Master's and PhD studies at the Feinberg Institute under the mentorship of Prof. Gad Asher in the Department of Biomolecular Sciences.*

*Ziv spoke on behalf of the 2018 Feinberg School graduates.*

In recent years, I have divided my time between two fields for which I have a burning passion: scientific work and long-distance running.

I assume that you have asked yourselves, "Two hundred and twenty kilometers over the course of twenty-six consecutive hours?" It is hard to imagine.

How does one do that? What motivates a person to do it? What are the implications for the body? And so on.

Similar questions are asked here at the Weizmann Institute on a daily basis regarding completely different issues. After all, the very nature of our work as scientists consists of asking questions and trying to understand the unimaginable.

In my view, running and science complement each other, and they require a similar skill set of those who are active in these two fields.

There are countless similarities between long-distance running and scientific work. There is no doubt that the most important personality trait for both of these areas is determination. The ability to persevere when faced with frustration and difficulty, even when one's original plan has been disrupted, as well as the ability to feel composed especially at times when things are not comfortable.

Both in science and in running, the journey starts from a known and defined point. It is a long road, and more often than not, it is replete with difficulties and crises that we need to overcome in the process. The biggest difference between these two fields is that, as opposed to a race that ends at a finish line, science will never end. Every discovery, every end to a trial, marks the beginning of what comes next. And this is why, if you ask me, scientists are a type of ultimate athlete.

Every single one of the people present here on this stage took on a great personal challenge; be it in terms of expanding their personal boundaries, improving through research the tools at the disposal of humankind, or to stretch his or her intellectual abilities. These kinds of challenges require precise planning, creative thinking, breaking through brickwalls, endless hours of hard work, and sometimes these also require us to deal with the inevitable failures.

I have no doubt that every single one of my colleagues, the graduates, has learned quite a bit along the way: about nature, about the world, but also and perhaps most importantly, about their own abilities. I am proud to be a part of this team, an Olympic team of scientists.

Having said that, talent alone, important though it is, is not enough.

This is the time to thank the group leaders, my research fellows, the laboratory staff, and the faculty members of the supporting faculties for their support and guidance. You believed in us, shared your many years of experience with us, and you encouraged us to aim for knowledge and to be inquisitive.

I would like to thank the Weizmann Institute for providing the best infrastructure we could have asked for, for letting us use its equipment, the most technologically-advanced tools available.

The Feinberg Graduate School as the sponsor under whose auspices we have worked, has given us the financial support that has enabled us, the scientists, to focus on and to be involved in our scientific work with peace of mind.

Last but not most certainly not least, I would like to extend a big “thank you” to all the administrative staff and the technical department whose diligence has facilitated all of this to continue to work effectively and trouble-free. The sense of unity and purpose of everyone involved makes this unique incubator possible. It allows ideas to blossom year after year, and it makes for ground-breaking and promising discoveries.

Colleagues from this year, I would like to say this to you: Friends, along with the rights and benefits that this degree grants us, we also have responsibilities. Many people hold the view that we are opinion leaders, and therefore, we must endeavor to connect our scientific work to the entire population, to limit all the pseudo-science, and most importantly, to try and encourage inquisitiveness among the younger generation that will come after us, just as we experienced at the beginning of our journey.

To conclude, I would like to thank you, our dear families, in the name of all the graduates, for the support and love that you have given us on the long and demanding journey to our degrees, and for sharing this emotional moment with us that we have worked so hard to achieve.

Thank you very much!

*\* After he began his master's degree, Ziv travelled to the town of Chamonix in the French Alps, where he lived for about a year during which he skied and climbed mountains. The personal capabilities that he discovered through these activities opened up the world of long-distance running to him: marathon and cross-country running over very long distances, a discipline called ultra marathon. The longest run in which Ziv participated was 220 km over the course of 26 consecutive hours.*

# Prizes for Outstanding Students 2018

## 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.

### **Mr. Yossi Arjevani**

Advisor: Dr. Ohad Shamir, Department of Computer Science & Applied Mathematics

### **Dr. Bavat Bornstein**

Advisor: Prof. Oren Schuldiner, Department of Molecular Cell Biology

### **Dr. Tal Korem**

Advisor: Prof. Eran Segal, Department of Computer Science & Applied Mathematics

### **Dr. Alexandra Tayar**

Advisor: Prof. Roy Bar-Ziv, Department of Chemical and Biological Physics

## The Dimitris N. Chorafas Prize

Dr. Dimitris 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 selected prestigious universities from around the world, including the Weizmann Institute of Science.

### **Dr. Aleksandra Deczkowska**

Advisor: Prof. Michal Schwartz, Department of Neurobiology

### **Dr. Elena Meirzadeh**

Advisors: Prof. Igor Lubomirsky, Department of Materials and Interfaces  
Prof. Meir Lahav, Department of Materials and Interfaces

## The Ruth and Prof. Abraham (Edek) Blaugrund Prize

After joining the Weizmann Institute in the 1950s, Prof. Abraham Blaugrund made significant contributions to the field of plasma physics. The Ruth and Prof. Abraham (Edek) Blaugrund Prize was established by the Blaugrund family, and it is awarded to outstanding PhD students in Physics.

### **Dr. Yonatan Cohen**

Advisor: Prof. Moty Heiblum, Department of Condensed Matter Physics

## 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.

### **Mr. Elad Bassat**

Advisors: Prof. Eldad Tzahor, Department of Molecular Cell Biology

## 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. Eitan Oksenberg**

Advisor: Prof. Ernesto Joselevich, Department of 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.

### **Mr. Guy Dagan**

Advisor: Prof. Ilan Koren, Department of Earth and Planetary Sciences

### **Dr. Anna Hirsch**

Advisors: Prof. Leeor Kronik, Department of Materials and Interfaces  
Prof. Leslie Leiserowitz, Department of Materials and Interfaces

## 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. Shany Doron**

Advisor: Prof. Rotem Sorek, Department of Molecular Genetics

# Prizes for Outstanding Students 2018

## 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. Mathias-Hagen Mahn**

Advisor: Dr. Ofer Yizhar, Department of Neurobiology

## The Daniel Brenner Memorial Prize

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

### **Dr. Oren Pedatzur**

Advisor: Prof. Nirit Dudovitch, Department of Physics of Complex Systems

## The Lady Anne Chain Memorial Prize

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

### **Ms. Ilanit Shapir**

Advisor: Prof. Shahal Ilani, Department of Condensed Matter Physics

## 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. Naama Kadmon Harpaz**

Advisor: Prof. Tamar Flash, Department of Computer Science & Applied Mathematics

## 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. Eylon Yogev**

Advisor: Prof. Moni Naor, Department of Computer Science & Applied 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.

### **Mr. Ariel Jaffe**

Advisor: Prof. Boaz Nadler, Department of Computer Science & Applied Mathematics

## The Lonia and Jose Roth Memorial Prize

The prize is awarded for outstanding PhD 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. This Prize is in memory of their lifelong support of the Weizmann Institute and of Israel.

### **Mr. Eran Sagi**

Advisor: Prof. Yuval Oreg, Department of Condensed Matter Physics

## The Susan Sapir Memorial Prize for MSc Students

Susan Sapir worked for many years at the Weizmann Institute of Science in various positions and with great devotion. The most senior of these was the Head of the Research Grants and Projects Office.

### **Ms. Lital Ben Moyal**

Advisor: Prof. Michal Neeman, Department of Biological Regulation

### **Mr. Lavi Bigman**

Advisor: Prof. Amnon Horovitz, Department of Structural Biology

### **Mr. Nitai Sylvetsky**

Advisor: Prof. Gershon Martin, Department of Organic Chemistry

# Prizes for Outstanding Students 2018

## The Dean's Prize for PhD Students

### **Dr. Zohar Pode**

Advisor: Prof. David Margulies, Department of Organic Chemistry

## The Dean's Prize for Outstanding MSc Students

### **Mr. Leviel Fluhr**

Advisor: Prof. Eran Elinav, Department of Immunology

### **Mr. Gil Kur**

Advisor: Prof. Boaz Nadler, Department of Computer Science & Applied Mathematics

### **Ms. Avia Mizrachi**

Advisor: Prof. Assaf Vardi, Department of Plant and Environmental Sciences

### **Ms. Efrat Resnick**

Advisor: Dr. Nir London, Department of Organic Chemistry

### **Mr. Ron Sender**

Advisor: Prof. Ron Milo, Department of Plant and Environmental Sciences

### **Mr. Yotam Shapira**

Advisor: Prof. Roei Ozeri, Department of Physics of Complex Systems

### **Mr. Assaf Shocher**

Advisor: Prof. Michal Irani, Department of Computer Science & Applied Mathematics

### **Ms. Rotem Tsabary**

Advisor: Dr. Zvika Brakerski, Department of Computer Science & 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



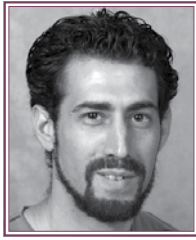
# PhD Recipients

Dr. Refael Abta  
Dr. Shimrit Adutler-Lieber  
Dr. Oshri Afanar  
Dr. Hila Afargan-Gerstman  
Dr. Sawsan Ailabouni  
Dr. Idan Alyagor  
Dr. Moriah Ariely  
Dr. Gad Armony  
Dr. Lior Artzi  
Dr. Shaked Ashkenazi  
Dr. Naama Aviram  
Dr. Tess Baker Oram  
Dr. Renata Balgley  
Dr. Marie Louise Bang  
Dr. Raz Bar-Ziv  
Dr. Orel Bechler  
Dr. Biana Bernshtein  
Dr. Ronen Blecher  
Dr. Filip Bochner  
Dr. Bavat Bornstein  
Dr. Chamutal Bornstein-Ovits  
Dr. Tabitha Bucher  
Dr. Noa Chapal Ilani  
Dr. Rei Chemke  
Dr. Anna Chuprin  
Dr. Erez Cohen  
Dr. Yonatan Cohen  
Dr. Osnat Cohen-Zontag  
Dr. Roe David  
Dr. Aleksandra Deczkowska  
Dr. Shany Doron  
Dr. Rachel Rosanne Eidelman  
Dr. Inbal Eizenberg  
Dr. Rachel Elmoalem Hamri  
Dr. Roy Emanuel Schreiber  
Dr. Yaara Endevelt-Shapira  
Dr. Shai Eyal  
Dr. Zohar Eyal  
Dr. Simon Fishilevich  
Dr. Karen Alejandra Flores Olave  
Dr. Hadas Frostig  
Dr. Idan Frumkin  
Dr. Noa Furth  
Dr. Yoav G. Pollack  
Dr. Yosef Geva  
Dr. Naama Gil  
Dr. Yehonatan Gilead  
Dr. Anna Gorelick Ashkenazi  
Dr. Efrat Esther Greenwald  
Dr. Yonat Gurvich Inbal  
Dr. Avital Hahamy  
Dr. Dorri Halbertal  
Dr. Assaf Hamo  
Dr. Roy Harpaz  
Dr. Eynat Haviv  
Dr. Liron Hevroni  
Dr. Anna Hirsch  
Dr. Ben Horowitz  
Dr. Yehonatan Israel  
Dr. Itamar Israeli (Israelashvili)

Dr. Ran Itay  
Dr. Noa Iuster  
Dr. Naama Kadmon Harpaz  
Dr. Nirit Kantor-Uriel  
Dr. Liraz Keidar  
Dr. Anna Keselman  
Dr. Dmytro Khomenko  
Dr. Mordehay Klepfish  
Dr. Yoel A. Klug  
Dr. Anna Koganitsky  
Dr. Gabriela Koifman  
Dr. Ilan Komargodski  
Dr. Tal Korem  
Dr. David Lara-Astiaso  
Dr. Igal Levine  
Dr. Arie Levit  
Dr. Ita Lifshitz  
Dr. Rinat Livne  
Dr. Mathias-Hagen Mahn  
Dr. Amitai Mandelbaum  
Dr. Nurit Manukovsky  
Dr. Eldad Marom  
Dr. Orit Matcovitch Natan  
Dr. Inbal Meir  
Dr. Elena Meirzadeh  
Dr. Irit Milman Krentsis  
Dr. Luca Moleri  
Dr. Nadav Myers  
Dr. Bar Nathansohn-Levi  
Dr. Julian Nicenboim

Dr. Sophia Nisani  
Dr. Olga Nissan  
Dr. Noa Oded Elkayam  
Dr. Eitan Oksenberg  
Dr. Shira Ozana (Eilam)  
Dr. Rita Perets  
Dr. Michael Pitt  
Dr. Zohar Pode  
Dr. Yoav Politi  
Dr. Nadav Priel  
Dr. Maria Gabriele Pszolla  
Dr. Priyadarshi Ranjan  
Dr. Stefano Recanatesi  
Dr. Irit Reichenstein  
Dr. Yuval Ronen  
Dr. Eden Rosenfeld-Gur  
Dr. Shaked Rosenne  
Dr. Neta Rosenzweig  
Dr. Liron Rozenkrantz  
Dr. Adam Rubin  
Dr. Raluca Rufu  
Dr. Antonella Ruggiero  
Dr. Yoni Schattner  
Dr. Dagan Segal  
Dr. Irit Sella  
Dr. Vered Shacham  
Dr. Adi Sharbi Yunger  
Dr. Hila Chana Sheftel  
Dr. Michal Shemesh  
Dr. Alon Shepon

Dr. Uri Sheyn  
Dr. Liraz Shmuel-Galia  
Dr. Or-Yam Shoshana-Revach  
Dr. Sagit Shushan  
Dr. Boaz Silverman  
Dr. Orli Snir  
Dr. Nitai Steinberg  
Dr. Eliran Subag  
Dr. Bat-Chen Tamim-Yecheskel  
Dr. Alexandra M. Tayar  
Dr. Christoph Alexander Thaiss  
Dr. Chene Tradonsky  
Dr. Linor Unger-Angel  
Dr. Ohad Vonshak  
Dr. Shira Warszawski  
Dr. Shira Weingarten-Gabbay  
Dr. Shira Weissman  
Dr. Yochai Werman  
Dr. Nahliel Wygoda  
Dr. Alon Yachin  
Dr. Nimrod Yavo  
Dr. Janni Yuval  
Dr. Barak Zackay  
Dr. Anat Zimmer  
Dr. Roni Zohar  
Dr. Peter Zoltan Szabo  
Dr. Ziv Zwighaft



**ד"ר שי אייל**  
**Dr. Shai Eyal**

מחלקה: גנטיקה מולקולרית  
בהדרכת פרופ' אלעזר זלצר

Department: Molecular Genetics  
Advised by Prof. Elazar Zelzer

Title of thesis:  
Superstructure development and patterning facilitate the formation of long bones morphology



**ד"ר זהר אייל**  
**Dr. Zohar Eyal**

מחלקה: ביולוגיה מבנית  
בהדרכת פרופ' עדה יונת

Department: Structural Biology  
Advised by Prof. Ada Yonath

Title of thesis:  
Ribosome structure of the pathogen *Staphylococcus aureus* and its complex with various antibacterial compounds



**ד"ר ענבל איזנברג**  
**Dr. Inbal Eizenberg**

מחלקה: אימונולוגיה  
בהדרכת פרופ' ניר פרידמן

Department: Immunology  
Advised by Prof. Nir Friedman

Title of thesis:  
Mapping the differentiation of CD4+ T cells under mixed input conditions



**ד"ר רחלי אלמועלם חמרי**  
**Dr. Rachel Elmoalem Hamri**

מחלקה: מדעי הצמח והסביבה  
בהדרכת פרופ' אביגדור שרץ  
פרופ' אירון כהן

Department: Plant and Environmental Sciences  
Advised by Prof. Avigdor Scherz  
Prof. Irun Robert Cohen

Title of thesis:  
Targeting the microenvironment of 4T1 tumors using RGD-conjugated bacteriochlorophylls as a theranostic tool

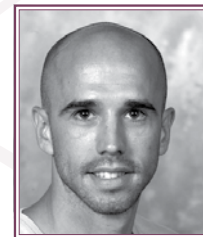


**ד"ר עידן אליגור**  
**Dr. Idan Alyagor**

מחלקה: ביולוגיה מולקולרית של התא  
בהדרכת פרופ' אורן שולדינר

Department: Molecular Cell Biology  
Advised by Prof. Oren Schuldiner

Title of thesis:  
Systematic approach to uncover the genetic program underlying axon remodeling during development



**ד"ר איתן אוקסנברג**  
**Dr. Eitan Oksenberg**

מחלקה: חומרים ופני שטח  
בהדרכת פרופ' ארנסטו יוסלביץ'

Department: Materials & Interfaces  
Advised by Prof. Ernesto Joselevich

Title of thesis:  
Guided nanowires of optoelectronic materials: synthesis characterization and devices



**ד"ר שמרית אדוטלר-ליבר**  
**Dr. Shimrit Adutler-Lieber**

מחלקה: ביולוגיה מולקולרית של התא  
בהדרכת פרופ' בנימין גיגר

Department: Molecular Cell Biology  
Advised by Prof. Benjamin Geiger

Title of thesis:  
Synthetic immune niche for *ex-vivo*  
generation of epitope-specific t-cells



**ד"ר נעמה אבירם**  
**Dr. Naama Aviram**

מחלקה: גנטיקה מולקולרית  
בהדרכת פרופ' מאיה שולדינר

Department: Molecular Genetics  
Advised by Prof. Maya Schuldiner

Title of thesis:  
Targeting and translocation to the  
endoplasmic reticulum: uncovering  
alternative pathways



**ד"ר רפאל אבטה**  
**Dr. Refael Abta**

מחלקה: פיסיקה כימית וביולוגית  
בהדרכת פרופ' דוד טנור

Department: Chemical and Biological  
Physics  
Advised by Prof. David Tannor

Title of thesis:  
Application of the periodic von  
Neumann method to electron structure  
and dynamics



**ד"ר רחל אידלמן**  
**Dr. Rachel Rosanne Eidelman**

מחלקה: הוראת המדעים  
בהדרכת ד"ר יעל שוורץ

Department: Science Teaching  
Advised by Dr. Yael Shwartz

Title of thesis:  
E-learning in chemistry education: self-  
regulated learning in a virtual classroom



**ד"ר לינור אונגר-אנגל**  
**Dr. Linor Unger-Angel**

מחלקה: כימיה אורגנית  
בהדרכת פרופ' דוד מרגוליס

Department: Organic Chemistry  
Advised by Prof. David Margulies

Title of thesis:  
Developing fluorescent molecular  
sensors for detecting protein isoforms and  
glycoforms in their native environments



**ד"ר שירה אוזנה (עילם)**  
**Dr. Shira Ozana (Eilam)**

מחלקה: נוירוביולוגיה  
בהדרכת פרופ' אהוד אחיסר  
ד"ר עמוס אריאלי

Department: Neurobiology  
Advised by Prof. Ehud Ahissar  
Dr. Amos Arieli

Title of thesis:  
The role of active sensing in depth  
perception



**ד"ר פיליפ בוכנר**  
**Dr. Filip Bochner**

מחלקה: בקרה ביולוגית  
בהדרכת פרופ' מיכל נאמן

Department: Biological Regulation  
Advised by Prof. Michal Neeman

Title of thesis:  
Imaging tumor-host interaction in ovarian and pancreatic cancer



**ד"ר מרי לואיז באנג**  
**Dr. Marie Louise Bang**

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

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

Title of thesis:  
Identification of novel components of the nodal environ



**ד"ר רן אתי**  
**Dr. Ran Itay**

מחלקה: פיסיקה של חלקיקים ואסטרופיסיקה  
בהדרכת פרופ' אהוד דוכובני  
ד"ר רן בודניק

Department: Particle Physics and Astrophysics

Advised by Prof. Ehud Duchovni  
Dr. Ran Budnik

Title of thesis:  
Effective field theory approach for DM in XENON100 superradiance in liquid xenon and calibration techniques in XENON1T



**ד"ר חמוטל בורנשטיין-אוביץ**  
**Dr. Chamutal Bornstein-Ovits**

מחלקה: אימונולוגיה  
בהדרכת פרופ' עידו עמית

Department: Immunology  
Advised by Prof. Ido Amit

Title of thesis:  
Genomic strategies regulating immune functions



**ד"ר בבת בורנשטיין**  
**Dr. Bavat Bornstein**

מחלקה: ביולוגיה מולקולרית של התא  
בהדרכת פרופ' אורן שולדינר

Department: Molecular Cell Biology  
Advised by Prof. Oren Schuldiner

Title of thesis:  
Understanding the roles of adhesion molecules in developmental neuronal remodeling



**ד"ר טביטה בוכר**  
**Dr. Tabitha Bucher**

מחלקה: גנטיקה מולקולרית  
בהדרכת ד"ר אילנה קולודקין-גל

Department: Molecular Genetics  
Advised by Dr. Ilana Kolodkin-Gal

Title of thesis:  
The contribution of cell wall homeostasis to *B. subtilis* fitness and ecology



**ד"ר הילה אפרגן-גרסטמן**  
**Dr. Hila Afargan-Gerstman**

מחלקה: מדעי כדור הארץ וכוכבי הלכת  
בהדרכת פרופ' יוחאי כספי

Department: Earth and Planetary Sciences  
Advised by Prof. Yohai Kaspi

Title of thesis:  
The seasonal cycle of mid-latitude storm tracks



**ד"ר אושרי אפנזר**  
**Dr. Oshri Afanzar**

מחלקה: מדעים ביומולקולרים  
בהדרכת פרופ' מיכאל אייזנכר

Department: Biomolecular Sciences  
Advised by Prof. Michael Eisenbach

Title of thesis:  
The mechanism by which the bacterial flagellar motor switches its direction of rotation



**ד"ר יערה אנדולט-שפירא**  
**Dr. Yaara Endevelt-Shapira**

מחלקה: נוירוביולוגיה  
בהדרכת פרופ' נעם סובל

Department: Neurobiology  
Advised by Prof. Noam Sobel

Title of thesis:  
The role of chemosignaling in human social interaction



**ד"ר שקד אשכנזי**  
**Dr. Shaked Ashkenazi**

מחלקה: מדעים ביומולקולרים  
בהדרכת פרופ' רבקה דיקשטיין

Department: Biomolecular Sciences  
Advised by Prof. Rivka Dikstein

Title of thesis:  
Structure-function relationship in NF-κB dimerization



**ד"ר ליאור ארצי**  
**Dr. Lior Artzi**

מחלקה: מדעים ביומולקולרים  
בהדרכת פרופ' אדי בר

Department: Biomolecular Sciences  
Advised by Prof. Edward Bayer

Title of thesis:  
*Clostridium clariflavum*: Unraveling the mystery of the largest assembled cellulosome system



**ד"ר מוריה אריאלי**  
**Dr. Moriah Ariely**

מחלקה: הוראת המדעים  
בהדרכת פרופ' ענת ירדן

Department: Science Teaching  
Advised by Prof. Anat Yarden

Title of thesis:  
Using scientific texts as a means to promote disciplinary scientific literacy among high school biology students





**ד"ר אנה גורליק אשכנזי**  
**Dr. Anna Gorelick Ashkenazi**

מחלקה: גנטיקה מולקולרית  
בהדרכת פרופ' אלי ארמה

Department: Molecular Genetics  
Advised by Prof. Eli Arama

Title of thesis:  
Caspases maintain tissue integrity by an apoptosis-independent inhibition of cell migration and invasion in *Drosophila*



**ד"ר יונת גורביץ ענבל**  
**Dr. Yonat Gurvich Inbal**

מחלקה: גנטיקה מולקולרית  
בהדרכת פרופ' נעמה ברקאי

Department: Molecular Genetics  
Advised by Prof. Naama Barkai

Title of thesis:  
Dual role of starvation signaling in promoting growth and recovery



**ד"ר יוסף גבע**  
**Dr. Yosef Geva**

מחלקה: גנטיקה מולקולרית  
בהדרכת פרופ' מאיה שולדינר

Department: Molecular Genetics  
Advised by Prof. Maya Schuldiner

Title of thesis:  
Searching for new regulators of endoplasmic reticulum to Golgi traffic

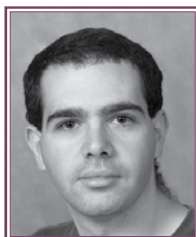


**ד"ר אפרת אסתר גרינוולד**  
**Dr. Efrat Esther Greenwald**

מחלקה: פיסיקה של מערכות מורכבות  
בהדרכת ד"ר עפר פינרמן

Department: Physics of Complex Systems  
Advised by Dr. Ofer Feinerman

Title of thesis:  
Trophallaxis dynamics in ants colonies



**ד"ר יהונתן גלעד**  
**Dr. Yehonatan Gilead**

מחלקה: פיסיקה של מערכות מורכבות  
בהדרכת פרופ' ירון זילברברג

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

Title of thesis:  
Quantum correlations and condensed matter analogues in femtosecond-laser-written waveguide arrays



**ד"ר נעמה גיל**  
**Dr. Naama Gil**

מחלקה: אימונולוגיה  
בהדרכת פרופ' עידית שחר

Department: Immunology  
Advised by Prof. Idit Shachar

Title of thesis:  
CD74 role as a transcription regulator



**ד"ר רנטה בלגליי**  
**Dr. Renata Balgley**

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

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

Title of thesis:  
Surface-confined metal-organic assemblies: redirecting electron transfer



**ד"ר אוראל בכלר**  
**Dr. Orel Bechler**

מחלקה: פיסיקה כימית וביולוגית  
בהדרכת פרופ' ברק דיין

Department: Chemical and Biological Physics  
Advised by Prof. Barak Dayan

Title of thesis:  
Atom-photon interactions in open quantum systems



**ד"ר טס בייקר אורם**  
**Dr. Tess Baker Oram**

מחלקה: נוירוביולוגיה  
בהדרכת פרופ' אהוד אחיסר  
ד"ר עופר יזהר

Department: Neurobiology  
Advised by Prof. Ehud Ahissar  
Dr. Ofer Yizhar

Title of thesis:  
Effects of head kinematics on the activity of pathway-specific thalamic neurons



**ד"ר ביאנה בתשטיין**  
**Dr. Biana Bernshtein**

מחלקה: אימונולוגיה  
בהדרכת פרופ' סטפן יונג

Department: Immunology  
Advised by Prof. Steffen Jung

Title of thesis:  
Communication circuits of intestinal macrophages and their environment in the healthy and inflamed gut



**ד"ר רז בר-זיו**  
**Dr. Raz Bar-Ziv**

מחלקה: גנטיקה מולקולרית  
בהדרכת פרופ' נעמה ברקאי

Department: Molecular Genetics  
Advised by Prof. Naama Barkai

Title of thesis:  
Chromatin and gene expression dynamics during DNA replication



**ד"ר רוני בלכר**  
**Dr. Ronen Blecher**

מחלקה: גנטיקה מולקולרית  
בהדרכת פרופ' אלעזר זלצר

Department: Molecular Genetics  
Advised by Prof. Elazar Zelzer

Title of thesis:  
The role of the proprioceptive system in the morphology of complex musculoskeletal structures



**ד"ר נחליאל ויגודה**  
**Dr. Nahliel Wygoda**

מחלקה: פיסיקה של חלקיקים  
ואסטרופיסיקה  
בהדרכת פרופ' אלי וקסמן  
ד"ר בועז כץ

Department: Particle Physics and  
Astrophysics

Advised by Prof. Eli Waxman  
Dr. Boaz Katz

Title of thesis:  
Cosmic explosions: dynamics and  
lightcurves



**ד"ר אוהד וונשק**  
**Dr. Ohad Vonshak**

מחלקה: פיסיקה כימית וביולוגית  
בהדרכת פרופ' רועי חיים בר זיו

Department: Chemical and Biological  
Physics

Advised by Prof. Roy Bar-Ziv

Title of thesis:  
The assembly of a multi-protein structure  
studied by cell-free expression and a  
biochip system



**ד"ר רועי הרפז**  
**Dr. Roy Harpaz**

מחלקה: נוירוביולוגיה  
בהדרכת פרופ' אלעד שניידמן

Department: Neurobiology  
Advised by Prof. Elad Schneidman

Title of thesis:  
Inferring social computations in  
zebrafish: from movement decisions to  
collective intelligence



**ד"ר יוחאי ורמן**  
**Dr. Yochai Werman**

מחלקה: פיסיקה של חומר מעובה  
בהדרכת פרופ' ארז ברג

Department: Condensed Matter Physics  
Advised by Prof. Erez Berg

Title of thesis:  
Unconventional transport regimes in  
quantum materials



**ד"ר שירה ויסמן**  
**Dr. Shira Weissman**

מחלקה: חומרים ופני שטח  
בהדרכת פרופ' ליאור קרוניק

Department: Materials & Interfaces  
Advised by Prof. Leeor Kronik

Title of thesis:  
Understanding the electronic structure  
of metal-organic complexes using an  
optimally-tuned range separated hybrid  
functional



**ד"ר שירה וינגרטן-גבאי**  
**Dr. Shira Weingarten-Gabbay**

מחלקה: מדעי המחשב ומתמטיקה  
שימושית  
בהדרכת פרופ' ערן סגל

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

Title of thesis:  
Unraveling the regulatory code of  
transcription and translation in the  
human genome and viruses



**ד"ר אלכסנדרה דסקווסקה**  
**Dr. Aleksandra Deczkowska**

מחלקה: נוירוביולוגיה  
בהדרכת פרופ' מיכל אייזנברג-שוורץ

Department: Neurobiology  
Advised by Prof. Michal Schwartz

Title of thesis:  
Immunological signature of choroid plexus and microglia negatively regulate brain function in aging



**ד"ר שני דורון**  
**Dr. Shany Doron**

מחלקה: גנטיקה מולקולרית  
בהדרכת פרופ' רותם שורק

Department: Molecular Genetics  
Advised by Prof. Rotem Sorek

Title of thesis:  
Discovery and characterization of defense/attack interactions between bacteria and their viruses



**ד"ר רועי דוד**  
**Dr. Roei David**

מחלקה: מדעי המחשב ומתמטיקה  
שימושית  
בהדרכת פרופ' אוריאל פייגה

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

Title of thesis:  
Algorithms for finding hidden structures



**ד"ר דורי הלברטל**  
**Dr. Dorri Halbertal**

מחלקה: פיסיקה של חומר מעובה  
בהדרכת פרופ' אלי זלדוב

Department: Condensed Matter Physics  
Advised by Prof. Eli Zeldov

Title of thesis:  
Nanoscale thermal imaging of dissipation in quantum systems



**ד"ר אנה הירש**  
**Dr. Anna Hirsch**

מחלקה: חומרים ופני שטח  
בהדרכת פרופ' ליאור קרוניק  
פרופ' לסלי לייזרוביץ'

Department: Materials & Interfaces  
Advised by Prof. Leeor Kronik  
Prof. Leslie Leiserowitz

Title of thesis:  
Quantum crystallography of optically functional biogenic molecular crystals

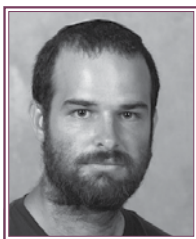


**ד"ר בן הורוביץ**  
**Dr. Ben Horowitz**

מחלקה: ביולוגיה מבנית  
בהדרכת פרופ' דבורה פאס

Department: Structural Biology  
Advised by Prof. Deborah Fass

Title of thesis:  
Physiological function of the golgi-localized disulfide catalyst quiescin sulfhydryl oxidase 1 (QSOX1)



**ד"ר אסף חמו**  
**Dr. Assaf Hamo**

מחלקה: פיסיקה של חומר מעובה  
בהדרכת פרופ' שחל אילני

Department: Condensed Matter Physics  
Advised by Prof. Shahal Ilani

Title of thesis:  
Imaging the quantum crystal of electrons  
in one-dimensional systems



**ד"ר אביטל חכמי**  
**Dr. Avital Hahamy**

מחלקה: נוירוביולוגיה  
בהדרכת פרופ' רפאל מלאך

Department: Neurobiology  
Advised by Prof. Rafael Malach

Title of thesis:  
Studying clinical populations using  
resting-state brain activity and vice versa



**ד"ר לירון חברוני**  
**Dr. Liron Hevroni**

מחלקה: ביולוגיה מבנית  
בהדרכת פרופ' אברהם מינסקי  
ד"ר תמר אונגר

Department: Structural Biology  
Advised by Prof. Abraham Minsky  
Dr. Tamar Unger

Title of thesis:  
Studies of potential DNA-packaging  
proteins in the infection cycle of the  
Mimivirus



**ד"ר חן טרדונסקי**  
**Dr. Chene Tradonsky**

מחלקה: פיסיקה של מערכות מורכבות  
בהדרכת פרופ' ניר דוידזון  
פרופ' אשר פריזם

Department: Physics of Complex Systems  
Advised by Prof. Nir Davidson  
Prof. Asher A. Friesem

Title of thesis:  
Methods and applications of controlling  
phase distribution with degenerate cavity  
lasers and coupled laser arrays



**ד"ר אלכסנדרה טייר**  
**Dr. Alexandra M. Tayar**

מחלקה: פיסיקה כימית וביולוגית  
בהדרכת פרופ' רועי חיים בר זיו

Department: Chemical and Biological  
Physics  
Advised by Prof. Roy Bar-Ziv

Title of thesis:  
Programming reaction-diffusion  
dynamics on a chip of genetic artificial  
cells



**ד"ר כריסטוף אלכסנדר טהייס**  
**Dr. Christoph Alexander Thaiss**

מחלקה: אימונולוגיה  
בהדרכת פרופ' ערן אלינב

Department: Immunology  
Advised by Prof. Eran Elinav

Title of thesis:  
Microbiome dynamics and their impact  
on the host



**ד"ר רוני זהר**  
**Dr. Roni Zohar**

מחלקה: הוראת המדעים  
בהדרכת פרופ' בתשבע אלון  
פרופ' דור אברהמסון

Department: Science Teaching  
Advised by Prof. Bat-Sheva Eylon  
Prof. Dor Abrahamson

Title of thesis:  
Movements as a door for learning  
physics concepts: integrating embodied  
pedagogy in teaching



**ד"ר דמיטרי זבז'ינסקי**  
**Dr. Dmitry Zabezhinsky**

מחלקה: גנטיקה מולקולרית  
בהדרכת פרופ' ג'פרי גרסט

Department: Molecular Genetics  
Advised by Prof. Jeffrey Gerst

Title of thesis:  
Discovery and characterization of novel  
RNA-binding proteins and their role in  
cell physiology



**ד"ר שירה ורשבסקי**  
**Dr. Shira Warszawski**

מחלקה: מדעים ביומולקולרים  
בהדרכת ד"ר שראל פליישמן

Department: Biomolecular Sciences  
Advised by Dr. Sarel Fleishman

Title of thesis:  
Unraveling the tradeoffs between the  
physical traits in proteins

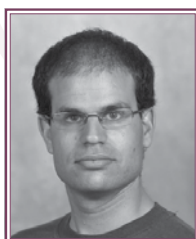


**ד"ר עינת חביב**  
**Dr. Eynat Haviv**

מחלקה: כימיה אורגנית  
בהדרכת פרופ' רוני נוימן

Department: Organic Chemistry  
Advised by Prof. Ronny Neumann

Title of thesis:  
Rational design of organometallic  
complexes for the activation and  
reduction of CO<sub>2</sub>



**ד"ר ברק זכאי**  
**Dr. Barak Zackay**

מחלקה: פיסיקה של חלקיקים  
ואסטרופיסיקה  
בהדרכת פרופ' אבישי גל-ימ  
פרופ' ערן אופק

Department: Particle Physics and  
Astrophysics

Advised by Prof. Avishay Gal-Yam  
Prof. Eran Ofek

Title of thesis:  
Statistical and algorithmic techniques in  
astronomy



**ד"ר בועז זילברמן**  
**Dr. Boaz Silverman**

מחלקה: הוראת המדעים  
בהדרכת פרופ' רוחמה אבן

Department: Science Teaching  
Advised by Prof. Ruhama Even

Title of thesis:  
Explanations and justifications in  
Israeli mathematics textbooks and the  
textbook's contribution to shaping  
classroom learning



**ד"ר אסנת כהן-זונטג**  
**Dr. Osnat Cohen-Zontag**

מחלקה: גנטיקה מולקולרית  
בהדרכת פרופ' ג'פרי גרסט

Department: Molecular Genetics  
Advised by Prof. Jeffrey Gerst

Title of thesis:  
The messenger takes the lead: A cis-acting mRNA motif plays an active role in protein secretion



**ד"ר יונתן כהן**  
**Dr. Yonatan Cohen**

מחלקה: פיסיקה של חומר מעובה  
בהדרכת פרופ' מוטי הייבלום

Department: Condensed Matter Physics  
Advised by Prof. Moty Heiblum

Title of thesis:  
A new platform for edge modes manipulations in the quantum Hall effect



**ד"ר ארז כהן**  
**Dr. Erez Cohen**

מחלקה: כימיה אורגנית  
בהדרכת פרופ' בוריס ריבצ'ינסקי

Department: Organic Chemistry  
Advised by Prof. Boris Rybtchinski

Title of thesis:  
Functional supramolecular materials in aqueous media



**ד"ר אריה לויט**  
**Dr. Arie Levit**

מחלקה: מתמטיקה  
בהדרכת פרופ' יצחק גלנדר

Department: Mathematics  
Advised by Prof. Tsachik Gelander

Title of thesis:  
Rigidity of lattices and invariant random subgroups



**ד"ר רינת לבנה**  
**Dr. Rinat Livne**

מחלקה: גנטיקה מולקולרית  
בהדרכת פרופ' מנחם חבינשטיין

Department: Molecular Genetics  
Advised by Prof. Menachem Rubinstein

Title of thesis:  
The role of FABP4 in ER stress-triggered cell death



**ד"ר דוד לארה-אסטיאסו**  
**Dr. David Lara-Astiaso**

מחלקה: אימונולוגיה  
בהדרכת פרופ' עידו עמית

Department: Immunology  
Advised by Prof. Ido Amit

Title of thesis:  
Exploring novel aspects of genome regulation: chromatin dynamics during hematopoiesis & charting histone mark interactions and their genome regulatory properties



**ד"ר נועה יוסטר**  
**Dr. Noa Iuster**

מחלקה: חומרים ופני שטח  
בהדרכת פרופ' יעקב קליין

Department: Materials & Interfaces  
Advised by Prof. Jacob Klein

Title of thesis:  
Hydration lubrication in thin layers of polymers and liposomes



**ד"ר יאני יובל**  
**Dr. Janni Yuval**

מחלקה: מדעי כדור הארץ וכוכבי הלכת  
בהדרכת פרופ' יוחאי כספי

Department: Earth and Planetary Sciences  
Advised by Prof. Yohai Kaspi

Title of thesis:  
Sensitivity of atmospheric turbulence to the spatial structure of baroclinicity: implications for storm tracks and climate change



**ד"ר נמרוד יאבו**  
**Dr. Nimrod Yavo**

מחלקה: חומרים ופני שטח  
בהדרכת פרופ' איגור לובומירסקי

Department: Materials & Interfaces  
Advised by Prof. Igor Lubomirsky

Title of thesis:  
Mechanical and electromechanical properties of ceramic materials with a high concentration of point defects



**ד"ר איתמר ישראלי (ישראלשוילי)**  
**Dr. Itamar Israeli (Israelashvili)**

מחלקה: פיסיקה של חלקיקים ואסטרופיסיקה  
בהדרכת פרופ' עמוס ברסקין

Department: Particle Physics and Astrophysics  
Advised by Prof. Amos Breskin

Title of thesis:  
A novel liquid-xenon detector concept for combined fast-neutron and gamma imaging and spectroscopy



**ד"ר יהונתן ישראל**  
**Dr. Yehonatan Israel**

מחלקה: פיסיקה של מערכות מורכבות  
בהדרכת פרופ' ירון זילברברג

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

Title of thesis:  
Quantum enhanced optical microscopy



**ד"ר אלון יכין**  
**Dr. Alon Yachin**

מחלקה: מדעי המחשב ומתמטיקה שימושית  
בהדרכת פרופ' שמעון אולמן

Department: Computer Science & Applied Mathematics  
Advised by Prof. Shimon Ullman

Title of thesis:  
Classification of social interaction by computer vision





**ד"ר עירית מילמן קרנצ'יס**  
**Dr. Irit Milman Krentsis**

מחלקה: אימונולוגיה  
בהדרכת פרופ' יאיר רייזנר

Department: Immunology  
Advised by Prof. Yair Reisner

Title of thesis:  
The role of the lung stem cell niche in steady state and in lung repair by stem cell transplantation



**ד"ר אורית מטקוביץ נתן**  
**Dr. Orit Matcovitch Natan**

מחלקה: נוירוביולוגיה  
בהדרכת פרופ' מיכל אייזנברג-שוורץ  
פרופ' עידו עמית

Department: Neurobiology  
Advised by Prof. Michal Schwartz  
Prof. Ido Amit

Title of thesis:  
Nature versus nurture: The interplay of inherent and environmental signals defines microglia functional role in the CNS



**ד"ר לוקה מולרי**  
**Dr. Luca Moleri**

מחלקה: פיסיקה של חלקיקים  
ואסטרופיסיקה  
בהדרכת פרופ' עמוס ברסקין  
ד"ר שקמה ברסלר

Department: Particle Physics and Astrophysics  
Advised by Prof. Amos Breskin  
Dr. Shikma Bressler

Title of thesis:  
Development of large-area gas-avalanche Resistive-Plate WELL detectors: potential sampling elements for digital hadron calorimetry



**ד"ר אלדד מרומ**  
**Dr. Eldad Marom**

מחלקה: הוראת המדעים  
בהדרכת פרופ' דוד פורטוס  
ד"ר רחל ממלוק-נעמן

Department: Science Teaching  
Advised by Prof. David Fortus  
Dr. Rachel Mamlok-Naaman

Title of thesis:  
Developing thinking skills through green chemistry texts in a web-based learning environment



**ד"ר נורית מנוקובסקי**  
**Dr. Nurit Manukovsky**

מחלקה: פיסיקה כימית וביולוגית  
בהדרכת פרופ' דניאלה גולדפרב

Department: Chemical and Biological Physics  
Advised by Prof. Daniella Goldfarb

Title of thesis:  
The use of Gd<sup>3+</sup>-based spin labels for high-field electron paramagnetic resonance



**ד"ר אמיתי מנדלבאום**  
**Dr. Amitai Mandelbaum**

מחלקה: גנטיקה מולקולרית  
בהדרכת פרופ' עין הורנשטיין

Department: Molecular Genetics  
Advised by Prof. Eran Hornstein

Title of thesis:  
The role of miRNAs in regulating beta cell mass and function



**ד"ר נדב מאירס**  
**Dr. Nadav Myers**

מחלקה: גנטיקה מולקולרית  
בהדרכת פרופ' יוסף שאול

Department: Molecular Genetics  
Advised by Prof. Yosef Shaul

Title of thesis:  
Proteasome plasticity and the disordered landscape of the 20S proteasome substrates

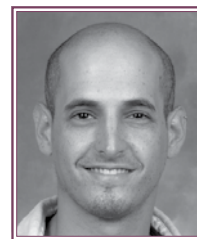


**ד"ר איטה ליפשיץ**  
**Dr. Ita Lifshitz**

מחלקה: מדעי המחשב ומתמטיקה שימושית  
בהדרכת פרופ' שמעון אולמן

Department: Computer Science & Applied Mathematics  
Advised by Prof. Shimon Ullman

Title of thesis:  
Toward hand-object interactions in action recognition



**ד"ר יגאל לוין**  
**Dr. Igal Levine**

מחלקה: חומרים ופני שטח  
בהדרכת פרופ' דוד כהן  
פרופ' גרי הודס

Department: Materials & Interfaces  
Advised by Prof. David Cahen  
Prof. Gary Hodes

Title of thesis:  
Electrical and phototransport properties of halide perovskite-based devices



**ד"ר מתיאס-הגן מאן**  
**Dr. Mathias-Hagen Mahn**

מחלקה: נוירוביולוגיה  
בהדרכת ד"ר עופר יזהר

Department: Neurobiology  
Advised by Dr. Ofer Yizhar

Title of thesis:  
Design and characterization of light-gated proteins for the investigation of medial prefrontal cortex function



**ד"ר אלנה מאירזדה**  
**Dr. Elena Meirzadeh**

מחלקה: חומרים ופני שטח  
בהדרכת פרופ' איגור לובומירסקי  
פרופ' מאיר להב

Department: Materials & Interfaces  
Advised by Prof. Igor Lubomirsky  
Prof. Meir Lahav

Title of thesis:  
The beauty of imperfections: studied in molecular crystals by pyroelectricity



**ד"ר ענבל מאיר**  
**Dr. Inbal Meir**

מחלקה: נוירוביולוגיה  
בהדרכת פרופ' אילן למפל

Department: Neurobiology  
Advised by Prof. Ilan Lampl

Title of thesis:  
The effects of cholinergic activation on ongoing and sensory evoked synaptic activities in the mouse somatosensory cortex



**ד"ר נועה עודד אלקיים**  
**Dr. Noa Oded Elkayam**

מחלקה: מדעי המחשב ומתמטיקה  
שימושית  
בהדרכת פרופ' עמוס תנאי

Department: Computer Science &  
Applied Mathematics

Advised by Prof. Amos Tanay

Title of thesis:

Evolution of polycomb repressive  
domains and the influence of genomic  
context on regulatory elements



**ד"ר עירית סלע**  
**Dr. Irit Sella**

מחלקה: נוירוביולוגיה  
בהדרכת פרופ' רפאל מלאך  
פרופ' תמר פלש

Department: Neurobiology

Advised by Prof. Rafael Malach  
Prof. Tamar Flash

Title of thesis:

Production perception and planning  
of curved human movement: common  
principles and variable realizations



**ד"ר אליהן סובג**  
**Dr. Eliran Subag**

מחלקה: מתמטיקה  
בהדרכת פרופ' עופר זיתוני

Department: Mathematics

Advised by Prof. Ofer Zeitouni

Title of thesis:

The geometry of the Gibbs measure of  
pure spherical spin glasses and related  
topics



**ד"ר זהר פודה**  
**Dr. Zohar Pode**

מחלקה: כימיה אורגנית  
בהדרכת פרופ' דוד מרגוליס

Department: Organic Chemistry

Advised by Prof. David Margulies

Title of thesis:

Protein recognition by a pattern-  
generating fluorescent molecular probe



**ד"ר גד ערמוני**  
**Dr. Gad Armony**

מחלקה: ביולוגיה מבנית  
בהדרכת פרופ' דבורה פאס

Department: Structural Biology

Advised by Prof. Deborah Fass

Title of thesis:

Structures of complex macromolecular  
assemblies: a cross linking/mass  
spectrometry approach



**ד"ר סאוסאן עילבוני**  
**Dr. Sawsan Ailabouni**

מחלקה: הוראת המדעים  
בהדרכת פרופ' עידית ירושלמי  
ד"ר ראפע ספדי

Department: Science Teaching

Advised by Prof. Edit Yerushalmi  
Dr. Rafi Safadi

Title of thesis:

The impact of diagnosing teacher-made  
erroneous solutions with the aid of  
on-line principle-based feedback on  
preparation for future learning



**ד"ר סופיה ניסני**  
**Dr. Sophia Nisani**

מחלקה: בקרה ביולוגית  
בהדרכת פרופ' יוסף ירדן

Department: Biological Regulation  
Advised by Prof. Yosef Yarden

Title of thesis:  
EGF signaling induces migration and invasion of mammary epithelial cells through the regulation of TSHZ2 a potential tumor suppressor



**ד"ר חוליאן ניסנבוים**  
**Dr. Julian Nicenboim**

מחלקה: בקרה ביולוגית  
בהדרכת פרופ' קרניה יניב

Department: Biological Regulation  
Advised by Prof. Karina Yaniv

Title of thesis:  
Cellular and molecular mechanisms underlying the development of late-forming vessels



**ד"ר אולגה ניסן**  
**Dr. Olga Nissan**

מחלקה: מדעים ביומולקולריים  
בהדרכת פרופ' אדי בר

Department: Biomolecular Sciences  
Advised by Prof. Edward Bayer

Title of thesis:  
Elucidating the architectural organization and diversity of the *Bacteroides cellulosolvens* cellulosome system

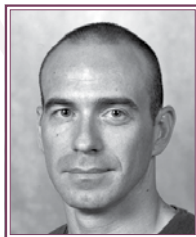


**ד"ר דגן סגל**  
**Dr. Dagan Segal**

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

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

Title of thesis:  
Filopodia promote adhesion and fusion of muscle cells



**ד"ר פיטר זולטן סבו**  
**Dr. Peter Zoltan Szabo**

מחלקה: פיסיקה של חלקיקים  
ואסטרופיסיקה  
בהדרכת פרופ' אלי וקסמן

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

Title of thesis:  
Shock breakouts from supernovae



**ד"ר בר נתנזון-לוי**  
**Dr. Bar Nathansohn-Levi**

מחלקה: אימונולוגיה  
בהדרכת פרופ' יאיר רייזנר

Department: Immunology  
Advised by Prof. Yair Reisner

Title of thesis:  
Perforin positive DCs: characterization mechanism of action and role in metabolic syndrome autoimmunity and cancer



**ד"ר נדב פריאל**  
**Dr. Nadav Priel**

מחלקה: פיסיקה של חלקיקים  
ואסטרופיסיקה  
בהדרכת פרופ' אהוד דוכובני  
ד"ר רן בודניק

Department: Particle Physics and  
Astrophysics

Advised by Prof. Ehud Duchovni  
Dr. Ran Budnik

Title of thesis:

Direct detection of dark matter: search  
for axions in XENON100 development of  
a low mass detector and improvement of  
statistical inference methods



**ד"ר הדס פרוסטיג**  
**Dr. Hadas Frostig**

מחלקה: פיסיקה של מערכות מורכבות  
בהדרכת פרופ' ירון זילברברג

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

Title of thesis:

Control of nonlinear optical phenomena  
in space and time using phase shaping  
techniques



**ד"ר עידן פרומקין**  
**Dr. Idan Frumkin**

מחלקה: גנטיקה מולקולרית  
בהדרכת פרופ' יצחק פלפל

Department: Molecular Genetics  
Advised by Prof. Yitzhak Pilpel

Title of thesis:

Elucidating evolutionary and regulatory  
mechanisms of cellular machineries of  
the central dogma



**ד"ר זיו צויגהפט**  
**Dr. Ziv Zwihaft**

מחלקה: מדעים ביומולקולרים  
בהדרכת פרופ' גד אשר

Department: Biomolecular Sciences  
Advised by Prof. Gad Asher

Title of thesis:

Circadian clock control by polyamine  
levels through a mechanism that declines  
with age



**ד"ר מריה גבריאלה פשולה**  
**Dr. Maria Gabriele Pszolla**

מחלקה: מדעים ביומולקולרים  
בהדרכת ד"ר שראל פליישמן

Department: Biomolecular Sciences  
Advised by Dr. Sarel Fleishman

Title of thesis:

Computational design of novel  
interactions in conventional and heavy  
chain antibodies



**ד"ר ריטה פרץ**  
**Dr. Rita Perets**

מחלקה: נוירוביולוגיה  
בהדרכת פרופ' רוני פז

Department: Neurobiology  
Advised by Prof. Rony Paz

Title of thesis:

Modulation of amygdala-prefrontal  
circuitry during chronic SSRI and its  
contribution to adaptive aversive learning



**ד"ר מיכאל פיט**  
**Dr. Michael Pitt**

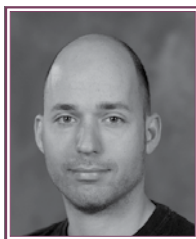
מחלקה: פיסיקה של חלקיקים  
ואסטרופיסיקה  
בהדרכת פרופ' עילם גרוס  
פרופ' עמוס ברסקין

Department: Particle Physics and  
Astrophysics

Advised by Prof. Eilam Gross  
Prof. Amos Breskin

Title of thesis:

Experimental research in particle physics:  
characterization of gas-avalanche  
THGEM particle detector and physics-  
data analysis with the ATLAS experiment



**ד"ר יואב פולק**  
**Dr. Yoav G. Pollack**

מחלקה: פיסיקה כימית וביולוגית  
בהדרכת פרופ' איתמר פרוכצ'יה

Department: Chemical and Biological  
Physics

Advised by Prof. Itamar Procaccia

Title of thesis:

In silico exploration of the glass transition  
and of forces in jammed systems



**ד"ר יואב פוליתי**  
**Dr. Yoav Politi**

מחלקה: גנטיקה מולקולרית  
בהדרכת פרופ' אלי ארמה

Department: Molecular Genetics

Advised by Prof. Eli Arama

Title of thesis:

Paternal mitochondrial destruction after  
fertilization is mediated by a common  
endocytic and autophagic pathway in  
Drosophila



**ד"ר קארן אלחנדרה פלורס אולאבה**  
**Dr. Karen Alejandra Flores Olave**

מחלקה: בקרה ביולוגית  
בהדרכת פרופ' רוני זגור

Department: Biological Regulation

Advised by Prof. Roni Seger

Title of thesis:

The nuclear translocation of ERK  
in regulation of proliferation and  
oncogenesis



**ד"ר סימון פישילביץ'**  
**Dr. Simon Fishilevich**

מחלקה: גנטיקה מולקולרית  
בהדרכת פרופ' דורון לנצט

Department: Molecular Genetics

Advised by Prof. Doron Lancet

Title of thesis:

Gene-centric analyses of the human  
proteome and regulome



**ד"ר נועה פירט**  
**Dr. Noa Furth**

מחלקה: ביולוגיה מולקולרית של התא  
בהדרכת פרופ' משה אורן

Department: Molecular Cell Biology

Advised by Prof. Moshe Oren

Title of thesis:

Tumor suppressors deregulation in  
cancer: p53 and the Hippo pathway



**ד"ר אילן קומרגודסקי**  
**Dr. Ilan Komargodski**

מחלקה: מדעי המחשב ומתמטיקה  
שימושית  
בהדרכת פרופ' מוני נאור

Department: Computer Science &  
Applied Mathematics

Advised by Prof. Moni Naor

Title of thesis:

Program obfuscation and secret sharing  
schemes



**ד"ר דימיטרו קומנקו**  
**Dr. Dmytro Khomenko**

מחלקה: פיסיקה כימית  
בהדרכת פרופ' איתמר פרוקצ'יה  
פרופ' ויקטור לבוב

Department: Chemical Physics

Advised by Prof. Itamar Procaccia  
Prof. Victor Lvov

Title of thesis:

Mechanically and thermally driven wall-  
bounded superfluid turbulence of 4He



**ד"ר גבריאלה קויפמן**  
**Dr. Gabriela Koifman**

מחלקה: ביולוגיה מולקולרית של התא  
בהדרכת פרופ' ורדה רוטר

Department: Molecular Cell Biology

Advised by Prof. Varda Rotter

Title of thesis:

The role of mutant p53 in MSCs  
tumorigenesis



**ד"ר יואל א. קלוג**  
**Dr. Yoel A. Klug**

מחלקה: מדעים ביומולקולרים  
בהדרכת פרופ' יחיאל שי

Department: Biomolecular Sciences

Advised by Prof. Yechiel Shai

Title of thesis:

The molecular mechanism behind HIV  
envelope protein-mediated immune  
suppression of T-cells



**ד"ר לירז קידר**  
**Dr. Liraz Keidar**

מחלקה: גנטיקה מולקולרית  
בהדרכת פרופ' אורלי ריינר

Department: Molecular Genetics

Advised by Prof. Orly Reiner

Title of thesis:

The effects of LIS1 and MeCP2 reduced  
dosage in the mouse brain



**ד"ר טל קורם**  
**Dr. Tal Korem**

מחלקה: מדעי המחשב ומתמטיקה  
שימושית  
בהדרכת פרופ' ערן סגל

Department: Computer Science &  
Applied Mathematics

Advised by Prof. Eran Segal

Title of thesis:

Unraveling the microbial role in human  
response to food

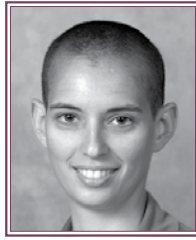


**ד"ר רעי צ'מקה**  
**Dr. Rei Chemke**

מחלקה: מדעי כדור הארץ וכוכבי הלכת  
בהדרכת פרופ' יוחאי כספי

Department: Earth and Planetary Sciences  
Advised by Prof. Yohai Kaspi

Title of thesis:  
The latitudinal dependence of  
geostrophic turbulence in the atmosphere



**ד"ר ענת צימר**  
**Dr. Anat Zimmer**

מחלקה: ביולוגיה מולקולרית של התא  
בהדרכת פרופ' אורי אלון

Department: Molecular Cell Biology  
Advised by Prof. Uri Alon

Title of thesis:  
Effect of drugs on cancer cells: predicting  
synergy of drug combinations and  
mapping the proteomic response to drugs



**ד"ר אנה צ'ופרין**  
**Dr. Anna Chuprin**

מחלקה: אימונולוגיה  
בהדרכת ד"ר יעקב אברמסון

Department: Immunology  
Advised by Dr. Jakub Abramson

Title of thesis:  
Mechanisms regulating Aire-mediated  
induction of immunological tolerance in  
the thymus



**ד"ר אנה קוגניצקי**  
**Dr. Anna Koganitsky**

מחלקה: מדעים ביומולקולרים  
בהדרכת פרופ' מיכאל אייזנברג

Department: Biomolecular Sciences  
Advised by Prof. Michael Eisenbach

Title of thesis:  
The interaction of the bacterial flagellar  
motor with fumarate reductase

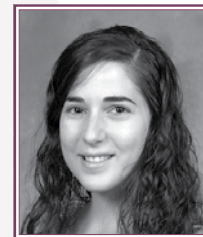


**ד"ר נעמה קדמון הרפז**  
**Dr. Naama Kadmon Harpaz**

מחלקה: מדעי המחשב ומתמטיקה  
שימושית  
בהדרכת פרופ' תמר פלש

Department: Computer Science &  
Applied Mathematics  
Advised by Prof. Tamar Flash

Title of thesis:  
Variance and invariance in the motor  
cortex



**ד"ר נועה צ'פאל אילני**  
**Dr. Noa Chapal Ilani**

מחלקה: מדעי המחשב ומתמטיקה  
שימושית  
בהדרכת פרופ' אהוד שפירא

Department: Computer Science &  
Applied Mathematics  
Advised by Prof. Ehud Shapiro

Title of thesis:  
Computational development of high-  
throughput cell lineage analysis focusing  
on characterization and modeling of  
somatic mutations





**ד"ר לירון רוזנקרנץ**  
**Dr. Liron Rozenkrantz**

מחלקה: נוירוביולוגיה  
בהדרכת פרופ' נעם סובל  
פרופ' אורי אלון

Department: Neurobiology  
Advised by Prof. Noam Sobel  
Prof. Uri Alon

Title of thesis:  
Investigating physiological and behavioral responses to olfactory stimuli in health and disease



**ד"ר נטע רוזנצויג**  
**Dr. Neta Rosenzweig**

מחלקה: נוירוביולוגיה  
בהדרכת פרופ' מיכל אייזנברג-שוורץ

Department: Neurobiology  
Advised by Prof. Michal Schwartz

Title of thesis:  
Modulation of the brain-immune cross-talk in Alzheimer's disease



**ד"ר עדן רוזנפלד-גור**  
**Dr. Eden Rosenfeld-Gur**

מחלקה: מדעים ביומולקולריים  
בהדרכת פרופ' טוני פוטמן

Department: Biomolecular Sciences  
Advised by Prof. Tony Futerman

Title of thesis:  
Post-translational regulation of ceramide synthases by oligomerization



**ד"ר אירית רייכנשטיין**  
**Dr. Irit Reichenstein**

מחלקה: גנטיקה מולקולרית  
בהדרכת פרופ' ערן הורנשטיין

Department: Molecular Genetics  
Advised by Prof. Eran Hornstein

Title of thesis:  
The role of miR-218 in motor neurons



**ד"ר רלוקה רופו**  
**Dr. Raluca Rufu**

מחלקה: מדעי כדור הארץ וכוכבי הלכת  
בהדרכת פרופ' עודד אהרונסון

Department: Earth and Planetary Sciences  
Advised by Prof. Oded Aharonson

Title of thesis:  
Impact dynamics in satellite formation and evolution



**ד"ר יובל רוני**  
**Dr. Yuval Ronen**

מחלקה: פיסיקה של חומר מעובה  
בהדרכת פרופ' מוטי הייבלום

Department: Condensed Matter Physics  
Advised by Prof. Moty Heiblum

Title of thesis:  
Conventional and topological superconductors emerging quasi-particles



**ד"ר אנה קסלמן**  
**Dr. Anna Keselman**

מחלקה: פיסיקה של חומר מעובה  
בהדרכת פרופ' עדי שטן  
פרופ' ארז ברג

Department: Condensed Matter Physics  
Advised by Prof. Ady Stern  
Prof. Erez Berg

Title of thesis:  
One-dimensional topological  
superconductors



**ד"ר נירית קנטור-אוריאל**  
**Dr. Nirit Kantor-Uriel**

מחלקה: פיסיקה כימית  
בהדרכת פרופ' רון נעמן

Department: Chemical Physics  
Advised by Prof. Ron Naaman

Title of thesis:  
Spin transfer in biological systems



**ד"ר מרדכי קלפיש**  
**Dr. Mordehay Klepfish**

מחלקה: בקרה ביולוגית  
בהדרכת פרופ' אירית שגיא

Department: Biological Regulation  
Advised by Prof. Irit Sagi

Title of thesis:  
Molecular remodeling of ECM and  
its crosstalk with the immune system  
in functional scar formation and  
degradation



**ד"ר שקד רוזן**  
**Dr. Shaked Rosenne**

מחלקה: כימיה אורגנית  
בהדרכת פרופ' בוריס ריבצ'ינסקי

Department: Organic Chemistry  
Advised by Prof. Boris Rybtchinski

Title of thesis:  
Self-assembly organic crystals and what  
lies between



**ד"ר אנטוניה רוג'ירו**  
**Dr. Antonella Ruggiero**

מחלקה: בקרה ביולוגית  
בהדרכת פרופ' איתן גרוס

Department: Biological Regulation  
Advised by Prof. Atan Gross

Title of thesis:  
Exploring the role of MTCH2 in the  
central nervous system



**ד"ר אדם רובין**  
**Dr. Adam Rubin**

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

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

Title of thesis:  
Large samples of exploding massive stars:  
observations analysis demographics and  
instrument development



**ד"ר לירז שמואל-גליה**  
**Dr. Liraz Shmuel-Galia**

מחלקה: מדעים ביומולקולרים  
בהדרכת פרופ' יחיאל שי

Department: Biomolecular Sciences  
Advised by Prof. Yechiel Shai

Title of thesis:  
Toll-Like receptors in pathologies:  
regulation by their transmembrane  
domain and membrane proximal amino  
acids



**ד"ר אורי שיין**  
**Dr. Uri Sheyn**

מחלקה: מדעי הצמח והסביבה  
בהדרכת פרופ' אסף ורדי

Department: Plant and Environmental  
Sciences  
Advised by Prof. Assaf Vardi

Title of thesis:  
Tracking ROS-mediated host-virus  
interactions during *Emiliania huxleyi*  
bloom in the ocean



**ד"ר יהונתן שטנר**  
**Dr. Yoni Schattner**

מחלקה: פיסיקה של חומר מעובה  
בהדרכת פרופ' ארז ברג

Department: Condensed Matter Physics  
Advised by Prof. Erez Berg

Title of thesis:  
Quantum phase transitions in metals



**ד"ר אלון שפון**  
**Dr. Alon Shepon**

מחלקה: מדעי הצמח והסביבה  
בהדרכת פרופ' רון מילוא

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

Title of thesis:  
Quantifying the environmental costs of  
food products in the USA



**ד"ר אורלי שניר**  
**Dr. Orli Snir**

מחלקה: מדעים ביומולקולרים  
בהדרכת פרופ' יואב סואן

Department: Biomolecular Sciences  
Advised by Prof. Yoav Soen

Title of thesis:  
Epigenetic basis of long-term responses  
to environmental stress



**ד"ר מיכל שמש**  
**Dr. Michal Shemesh**

מחלקה: ביולוגיה מבנית  
בהדרכת פרופ' בנימין גיגר  
פרופ' ליאה אדדי

Department: Structural Biology  
Advised by Prof. Benjamin Geiger  
Prof. Lia Addadi

Title of thesis:  
Mechanisms of bone surface sensing by  
osteoclasts



**ד"ר שגית שושן**  
**Dr. Sagit Shushan**

מחלקה: נוירוביולוגיה  
בהדרכת פרופ' נעם סובל

Department: Neurobiology  
Advised by Prof. Noam Sobel

Title of thesis:  
The brain basis of congenital anosmia



**ד"ר סטפנו רקנאטי**  
**Dr. Stefano Recanatesi**

מחלקה: נוירוביולוגיה  
בהדרכת פרופ' מיכאל צודיקס

Department: Neurobiology  
Advised by Prof. Michail Tsodyks

Title of thesis:  
Neural mechanisms of memory retrieval



**ד"ר פריאדרשי רנ'ן**  
**Dr. Priyadarshi Ranjan**

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

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

Boom  
Title of thesis:  
WS2 nanotubes templates for hybrid materials



**ד"ר ניתאי שטיינברג**  
**Dr. Nitai Steinberg**

מחלקה: גנטיקה מולקולרית  
בהדרכת ד"ר אילנה קולודקין-גל

Department: Molecular Genetics  
Advised by Dr. Ilana Kolodkin-Gal

Title of thesis:  
An extracellular matrix protein serves as a developmental cue to maintain flagellar motility in biofilms



**ד"ר ורד שחם**  
**Dr. Vered Shacham**

מחלקה: מדעים ביומולקולרים  
בהדרכת פרופ' אברהם ירון

Department: Biomolecular Sciences  
Advised by Prof. Avraham Yaron

Title of thesis:  
The control on phosphatidylserine exposure during axon degeneration



**ד"ר אור-ים שושנה-רווח**  
**Dr. Or-Yam Shoshana-Revach**

מחלקה: ביולוגיה מולקולרית של התא  
בהדרכת פרופ' בנימין גיגר

Department: Molecular Cell Biology  
Advised by Prof. Benjamin Geiger

Title of thesis:  
The mechanisms underlying invadopodia formation and their involvement in melanoma cell invasion





**ד"ר רועי עמנואל שרייבר**  
**Dr. Roy Emanuel Schreiber**

מחלקה: כימיה אורגנית  
בהדרכת פרופ' רוני נוימן

Department: Organic Chemistry  
Advised by Prof. Ronny Neumann

Title of thesis:  
Importance of the dense phase reaction  
mechanism for polyoxometalate  
chemistry



**ד"ר עדי שרבי יונגר**  
**Dr. Adi Sharbi Yunger**

מחלקה: אימונולוגיה  
בהדרכת פרופ' לאה אייזנך

Department: Immunology  
Advised by Prof. Lea Eisenbach

Title of thesis:  
Improved cancer immunotherapy by  
generating and exploring genetic cancer  
vaccines



**ד"ר הלה חנה שפטל**  
**Dr. Hila Chana Sheftel**

מחלקה: ביולוגיה מולקולרית של התא  
בהדרכת פרופ' אורי אלון

Department: Molecular Cell Biology  
Advised by Prof. Uri Alon

Title of thesis:  
Evolutionary tradeoffs: theory and  
implications for data analysis



**ד"ר בת-חן תמים-יחזקאל**  
**Dr. Bat-Chen Tamim-Yecheskel**

מחלקה: מדעים ביומולקולרים  
בהדרכת פרופ' זבולון אלעזר

Department: Biomolecular Sciences  
Advised by Prof. Zvulun Elazar

Title of thesis:  
Characterizing the molecular and  
physiological role of TECPR2 with an  
emphasis on neuronal systems

# MSc Recipients

Ghadeer Abohariri  
Paula Abou Karam  
Amit Aharon  
Shahaf Aharony Shapira  
Iakov Aizenberg  
Yotam Alexander  
Eran Amar  
Ziv Aqua  
Michal Arie  
Nofar Assis  
Ofir Atrakchi  
Daniel Banitt  
Hadas Baumer  
Ydan Ben Dor  
Lital Ben Moyal  
Sefi Ben-Hamo  
Ben Berger  
Nadav Bezalel  
Lavi Bigman  
Lana Binyamin  
Dan Blum  
Shani Blumenreich-Kashani  
Ella Bor  
Sofia Braverman  
Sagie Brodsky  
Ilya Bronshtein  
Gal Chaim Nuta  
Chen Cohen  
Dana Cohen  
Dror Cohen  
Nir Cohen  
Dina Daitchman

Indrashis Datta  
Oz Davidi  
Chagai Davidovich  
Tom Dror-Schwartz  
Lee Drori  
Niv Drucker  
Raz Dvir-Szternfeld  
Yuval Efrat  
Netanel Ehrmann  
Merna Elsousou  
Yoav Eren  
Vadim Fedyuk  
Yaara Finkel  
Nir Firestein  
Leviel Fluhr  
Mor Friebronn Yesharim  
Jonathan Friedman  
Yarden Golan  
Adi Miriam Goldenberg  
Franzisca Gorniaczyk  
Hadar Gorodissky  
Nadav Gropper  
Renan Gross  
Ilai Guendelman  
Adam Haber  
Avital Hacohen  
Yotam Hacohen  
Asaf Haddad  
Niv Haim  
Tal-El Hajbi  
Yoni Herzog

Noa Hizkiahou  
Andres Mauricio Jaramillo Flautero  
Aaron Javitt  
Iris Kalka  
Ofer Karp  
Hadar Kaslasi  
Yehonatan Kaufman  
Rashid Khamis  
Smadar Kiblitiski  
Dan Klein  
Yulia Kogan  
Gera Koltman  
Yevgeniya Korotinsky  
Ekaterina Kravchenko  
Matthew Kreitman  
Gil Kur  
Yam Kushinsky  
Maxim Kushnir  
Yevgeny Levanzov  
Natalia Levitin  
Liron Levy  
Shira Liberty  
Rosalie Lipsh  
Yuri Lubomirsky  
Offir Lupo  
Evgeniy Makagon  
Daniel Marcus  
Ido Marcus  
Shiran Maskit  
Jonathan Mayzel  
Ohad Michel

Roy Naor  
Narin Nard Carmel Neiderman  
Or Nelkenbaum  
Nimrod Nir  
Roy Noff  
Tal Ohana  
Nurit Papismadov  
Lee Peleg  
Shani Peles  
Yotam Perlitz  
Daniel Petukhin  
Or Pinchasof  
Meirav Pinkas  
Yosef Pogrow  
Lital Povodovski  
Noam Priel  
Shir Rachel Maimon  
Noa Raindel  
Shai Reitich  
Efrat Resnick  
Nava Reznik  
Deena Roller  
Maya Ron  
Lital Sahar  
Nimrod Sarid  
Ron Sender  
Nofar Sfania  
Omer Shaked  
Aviv Shalit  
Odem Shani  
Gal Shapira

Yotam Shapira  
Michal Shavit  
Rom Shenhav  
Aharon Shiff  
Sharon Shimon  
Assaf Shocher  
Aviad Siany  
Michael Sokoletsky  
Tomer Solberg  
Shlomi Steinberg  
Zane Stepka  
Avigail Stokar-Avihail  
Elizabeth Stoops  
Sriram Sudarsanam  
Ronit Suissa  
Nitai Sylvetsky  
Rotem Tsabary  
Eadan Valent  
Yarden Waier  
Reut Weissgross  
Aryeh Wides  
Anna Wiener  
David Wiener  
Adam Yalin  
Yulia Yaverbaum  
Avia Yehonadav  
Dan Yudilevich  
Liron Zahavi  
Avia Zisso





זיו אקוע  
Ziv Aqua

מחלקה: מדעי הפיסיקה  
בהדרכת פרופ' ברק דיין

Department: Physical Sciences  
Advised by Prof. Barak Dayan

Title of thesis:  
Towards the demonstration of photonic  
quantum-state engineering



יובל אפרת  
Yuval Efrat

מחלקה: מדעי הפיסיקה  
בהדרכת פרופ' רועי חיים בר זיו

Department: Physical Sciences  
Advised by Prof. Roy Bar-Ziv

Title of thesis:  
Electric field manipulation of cell-free  
gene expression



מרנה אלסוסו  
Merna Elsousou

מחלקה: מדעי הכימיה  
בהדרכת פרופ' מילקו אריק ואן דר בום

Department: Chemical Sciences  
**Advised by** Prof. Milko Erik van der  
Boom

Title of thesis:  
Morphology evolution in metal-organic  
frameworks and nanoparticle decoration



הדס באומר  
Hadas Baumer

מחלקה: מדעי החיים  
בהדרכת ד"ר יניב זיו

Department: Life Sciences  
Advised by Dr. Yaniv Ziv

Title of thesis:  
Spatial representations of similar  
environments in hippocampal CA1



יואב ארן  
Yoav Eren

מחלקה: מדעי הכימיה  
בהדרכת פרופ' דניאל וגנר

Department: Chemical Sciences  
Advised by Prof. Daniel Wagner

Title of thesis:  
Failure of layered 3-D printed composites  
with high volume fraction of rigid  
material



מיכל אריה  
Michal Arie

מחלקה: מדעי החיים  
בהדרכת פרופ' עמי נבון

Department: Life Sciences  
Advised by Prof. Ami Navon

Title of thesis:  
The importance of two conserved  
phenylalanine residues to the structure-  
function relationship of the AAA ATPase  
complexes



**עמית אהרון**  
**Amit Aharon**

מחלקה: מדעי הפיסיקה  
בהדרכת פרופ' יובל אורג  
פרופ' עדי שטן

Department: Physical Sciences

Advised by Prof. Yuval Oreg  
Prof. Ady Stern

Title of thesis:

Phenomenological theory of heat transport in the fractional quantum Hall effect



**פולה אבו כרם**  
**Paula Abou Karam**

מחלקה: מדעי החיים  
בהדרכת ד"ר נטע רגב-רודזקי

Department: Life Sciences

Advised by Dr. Neta Regev-Rudzki

Title of thesis:

Study the uptake of malaria-derived extracellular vesicles by host immune cells



**גדיר אבו חרירי**  
**Ghadeer Abohariri**

מחלקה: מתמטיקה ומדעי המחשב  
בהדרכת פרופ' שמעון אולמן

Department: Mathematics and Computer Science

Advised by Prof. Shimon Ullman

Title of thesis:

Inverting deep neural networks



**יעקב אייזנברג**  
**Iakov Aizenberg**

מחלקה: מדעי הפיסיקה  
בהדרכת פרופ' אלכסנדר מילוב

Department: Physical Sciences

Advised by Prof. Alexander Milov

Title of thesis:

Measurement of charged hadron spectra in p+Pb collisions at 5.02 TeV with the ATLAS detector at the LHC



**אופיר אטרקצ'י**  
**Ofir Atrakchi**

מחלקה: מדעי החיים  
בהדרכת ד"ר זיו שולמן

Department: Life Sciences

Advised by Dr. Ziv Shulman

Title of thesis:

The role of B cell ICAMs in clonal selection in the T-dependent immune response



**טל אוחנה**  
**Tal Ohana**

מחלקה: מדעי הכימיה  
בהדרכת פרופ' ברק דיין

Department: Chemical Sciences

Advised by Prof. Barak Dayan

Title of thesis:

Time-resolved spectroscopy of lanthanide complexes on a tapered fiber



**ליטל בן מויאל**  
**Lital Ben Moyal**

מחלקה: מדעי החיים  
בהדרכת פרופ' מיכל נאמן

Department: Life Sciences  
Advised by Prof. Michal Neeman

Title of thesis:  
Ferritin-M6A as an MRI contrast agent  
and a reporter gene in mouse placenta



**דניאל בנית**  
**Daniel Banitt**

מחלקה: מדעי הפיסיקה  
בהדרכת פרופ' מוטי הייבלום

Department: Physical Sciences  
Advised by Prof. Moty Heiblum

Title of thesis:  
Engineering of 1D helical channels in  
2DEG platforms



**לאנה בנימין**  
**Lana Binyamin**

מחלקה: מדעי הכימיה  
בהדרכת פרופ' מילקו אריק ואן דר בום

Department: Chemical Sciences  
Advised by Prof. Milko Erik van der  
Boom

Title of thesis:  
Electrochemical properties of metallo-  
organic assemblies



**שגיא ברודסקי**  
**Sagie Brodsky**

מחלקה: מדעי החיים  
בהדרכת פרופ' נעמה ברקאי

Department: Life Sciences  
Advised by Prof. Naama Barkai

Title of thesis:  
Functional and regulatory consequences  
of transcription-factor duplication



**בן ברגר**  
**Ben Berger**

מחלקה: מתמטיקה ומדעי המחשב  
בהדרכת ד"ר צביקה ברקסקי

Department: Mathematics and Computer  
Science  
Advised by Dr. Zvika Brakerski

Title of thesis:  
Zero knowledge protocols for search  
problems



**נדב בצלאל**  
**Nadav Bezalel**

מחלקה: מדעי החיים  
בהדרכת פרופ' טלי קמחי

Department: Life Sciences  
Advised by Prof. Tali Kimchi

Title of thesis:  
Characterization of changes in TH-  
expressing neurons in hypothalamic  
nuclei of parental mice



**דן בלום**  
**Dan Blum**

מחלקה: מדעי החיים  
בהדרכת פרופ' נחום אולנובסקי

Department: Life Sciences  
Advised by Prof. Nachum Ulanovsky

Title of thesis:  
Dynamics of spatial coding in the bat hippocampus during group navigation



**לביא ביגמן**  
**Lavi Bigman**

מחלקה: מדעי הכימיה  
בהדרכת פרופ' אמנון הורוויץ

Department: Chemical Sciences  
Advised by Prof. Amnon Horovitz

Title of thesis:  
Breakage of symmetry and thermodynamics of protein folding in the GroEL reaction cycle



**אלה בור**  
**Ella Bor**

מחלקה: מדעי הפיסיקה  
בהדרכת פרופ' מוטי הייבלום

Department: Physical Sciences  
Advised by Prof. Moty Heiblum

Title of thesis:  
Majorana fermions in InAs nanowires



**ספי בן-חמו**  
**Sefi Ben-Hamo**

מחלקה: מדעי החיים  
בהדרכת פרופ' מיכל אייזנברג-שוורץ

Department: Life Sciences  
Advised by Prof. Michal Schwartz

Title of thesis:  
Interferon signaling at the choroid-plexus: implications for brain aging and cellular trafficking to the CNS compartment



**עידן בן דור**  
**Ydan Ben Dor**

מחלקה: מדעי הפיסיקה  
בהדרכת ד"ר כפיר בלום  
פרופ' יוסף ניר

Department: Physical Sciences  
Advised by Dr. Kfir Blum  
Prof. Yosef Nir

Title of thesis:  
Quantum corrections to the vacuum transition probability in the presence of vector-like fermions



**שני בלומנרייך-קשאני**  
**Shani Blumenreich-Kashani**

מחלקה: מדעי החיים  
בהדרכת פרופ' טוני פוטרמן

Department: Life Sciences  
Advised by Prof. Tony Futerman

Title of thesis:  
Delineating the role of vascular alterations in Gaucher disease



**רנן גרוס**  
**Renan Gross**

מחלקה: מתמטיקה ומדעי המחשב  
בהדרכת ד"ר רוני אלדן

Department: Mathematics and Computer Science  
Advised by Dr. Ronen Eldan

Title of thesis:  
Random adventures on the Boolean hypercube: Gibbs distributions exponential random graphs and scenery reconstruction



**עילי גנדלמן**  
**Ilai Guendelman**

מחלקה: מדעי הכימיה  
בהדרכת פרופ' יוחאי כספי

Department: Chemical Sciences  
Advised by Prof. Yohai Kaspi

Title of thesis:  
The atmospheric meridional overturning circulation over a wide range of orbital and atmospheric characteristics



**פרנציסקה גורניאצ'יק**  
**Franzisca Gorniaczyk**

מחלקה: מדעי הפיסיקה  
בהדרכת פרופ' דן שחר

Department: Physical Sciences  
Advised by Prof. Dan Shahar

Title of thesis:  
Heat propagation in amorphous indium oxide



**רז דביר-שטרנפלד**  
**Raz Dvir-Szternfeld**

מחלקה: מדעי החיים  
בהדרכת פרופ' מיכל אייזנבך-שוורץ

Department: Life Sciences  
Advised by Prof. Michal Schwartz

Title of thesis:  
Deciphering the role of resident and infiltrating myeloid cells in Alzheimer's disease onset and progression



**אנדרס מוריסו גרמילו פלוטרו**  
**Andres Mauricio Jaramillo Flautero**

מחלקה: מדעי החיים  
בהדרכת ד"ר עופר יזר

Department: Life Sciences  
Advised by Dr. Ofer Yizhar

Title of thesis:  
Toward a transcriptomic analysis of the changes associated with the formation of an epileptic focus in mice



**נדב גרופר**  
**Nadav Gropper**

מחלקה: מתמטיקה ומדעי המחשב  
בהדרכת פרופ' ולדימיר ברקוביץ  
פרופ' אהוד דה שליט

Department: Mathematics and Computer Science  
Advised by Prof. Vladimir Berkovich  
Prof. Ehud de Shalit, The Hebrew University of Jerusalem

Title of thesis:  
Vanishing Selmer groups of elliptic curves with complex multiplication



**אהרון ג'ביט**  
**Aaron Javitt**

מחלקה: מדעי החיים  
בהדרכת ד"ר יפעת מרבל

Department: Life Sciences  
Advised by Dr. Yifat Merbl

Title of thesis:  
Elucidating regulatory principles of proteasome-dependent antigenicity



**איליה ברונשטיין**  
**Ilya Bronshtein**

מחלקה: מדעי הכימיה  
בהדרכת פרופ' בוריס ריבצ'ינסקי

Department: Chemical Sciences  
Advised by Prof. Boris Rybtchinski

Title of thesis:  
Photonic and electronic materials assembled from nanocrystals based on electron-deficient derivatives of perylene diimide



**סופיה ברורמן**  
**Sofia Braverman**

מחלקה: מדעי החיים  
בהדרכת פרופ' ערן אלינב

Department: Life Sciences  
Advised by Prof. Eran Elinav

Title of thesis:  
Discovering the cultivability of the gut microbiome using culturomics for the discovery of diabetes-contributing bacteria



**הדר גורודיסקי**  
**Hadar Gorodissky**

מחלקה: מתמטיקה ומדעי המחשב  
בהדרכת פרופ' שמעון אולמן

Department: Mathematics and Computer Science  
Advised by Prof. Shimon Ullman

Title of thesis:  
Large field and high resolution: detecting needle in haystack



**ירדן גולן**  
**Yarden Golan**

מחלקה: מדעי החיים  
בהדרכת פרופ' אברהם ירון

Department: Life Sciences  
Advised by Prof. Avraham Yaron

Title of thesis:  
The role of the RNA-binding protein IMP1 phosphorylation in the wiring of sensory axons of the nervous system



**עדי מרים גולדנברג**  
**Adi Miriam Goldenberg**

מחלקה: מדעי החיים  
בהדרכת פרופ' אילן למפל

Department: Life Sciences  
Advised by Prof. Ilan Lampel

Title of thesis:  
Establishing a new animal model of focal epilepsy



**יוני הרצוג**  
**Yoni Herzog**

מחלקה: מתמטיקה ומדעי המחשב  
בהדרכת פרופ' עמוס תנאי

Department: Mathematics and Computer Science

Advised by Prof. Amos Tanay

Title of thesis:

Analysis of noise in single cell RNA-seq data



**יותם הכהן**  
**Yotam Hacoheh**

מחלקה: מתמטיקה ומדעי המחשב  
בהדרכת פרופ' דוד הראל

Department: Mathematics and Computer Science

Advised by Prof. David Harel

Title of thesis:

Enriching Statecharts to support scenario-based programming



**אדם הבר**  
**Adam Haber**

מחלקה: מדעי החיים  
בהדרכת פרופ' אלעד שניידמן

Department: Life Sciences

Advised by Prof. Elad Schneidman

Title of thesis:

Architecture and function of small neuronal networks



**רעות ויסגרוס**  
**Reut Weissgross**

מחלקה: מדעי החיים  
בהדרכת פרופ' נעם סובל

Department: Life Sciences

Advised by Prof. Noam Sobel

Title of thesis:

The effect of social chemosignals in different hormonal states



**דוד וינר**  
**David Wiener**

מחלקה: מדעי החיים  
בהדרכת ד"ר שרגא שוורץ

Department: Life Sciences

Advised by Dr. Schraga Schwartz

Title of thesis:

Dissecting the roles of N6-methyladenosine and poly(A) in dynamically shaping the transcriptome



**אנה וינר**  
**Anna Wiener**

מחלקה: מדעי החיים  
בהדרכת פרופ' עידית שחר

Department: Life Sciences

Advised by Prof. Idit Shachar

Title of thesis:

Roles of SLAM receptors in mediating regulatory B cells regulation in experimental autoimmune encephalomyelitis (EAE)



**אינדרשיס דטה**  
**Indrashis Datta**

מחלקה: מדעי החיים  
בהדרכת פרופ' ולרי קריזחנובסקי

Department: Life Sciences  
Advised by Prof. Valery Krizhanovsky

Title of thesis:  
Towards understanding the interactions of senescent cells with the immune system: designing tools to modulate GRP94 function on cell surface



**עוז דויד'י**  
**Oz Davidi**

מחלקה: מדעי הפיסיקה  
בהדרכת פרופ' גלעד פרז

Department: Physical Sciences  
Advised by Prof. Gilad Perez

Title of thesis:  
The Froggatt-Nielsen relaxation



**חגי דוידוביץ'**  
**Chagai Davidovich**

מחלקה: מדעי החיים  
בהדרכת פרופ' אסף אהרונ'י

Department: Life Sciences  
Advised by Prof. Asaph Aharoni

Title of thesis:  
The function and biosynthesis of ecdysteroids in plants



**לי דרורי**  
**Lee Drori**

מחלקה: מדעי הפיסיקה  
בהדרכת ד"ר עופר פירסטנברג

Department: Physical Sciences  
Advised by Dr. Ofer Firstenberg

Title of thesis:  
Magneto-optical trap with Rydberg excitations and a laser system with a frequency comb reference



**ניב דרוקר**  
**Niv Drucker**

מחלקה: מדעי הכימיה  
בהדרכת פרופ' ברק דוין

Department: Chemical Sciences  
Advised by Prof. Barak Dayan

Title of thesis:  
A system for generation and measurement of quantum states of light



**דינה דייצ'מן**  
**Dina Daitchman**

מחלקה: מדעי הכימיה  
בהדרכת פרופ' עמוס תנאי

Department: Chemical Sciences  
Advised by Prof. Amos Tanay

Title of thesis:  
DNA methylation landscape in embryonic development





**אביה יהונדב**  
**Avia Yehonadav**

מחלקה: מדעי החיים  
בהדרכת פרופ' יצחק פלפל

Department: Life Sciences  
Advised by Prof. Yitzhak Pilpel

Title of thesis:  
Detection and analysis of translation errors in *E. Coli* upon induction of environmental perturbations



**יוליה יברכאום**  
**Yulia Yaverbaum**

מחלקה: מדעי החיים  
בהדרכת פרופ' נעמה ברקאי

Department: Life Sciences  
Advised by Prof. Naama Barkai

Title of thesis:  
The role of expression homeostasis mechanism in regulation of total mRNA



**ניב חיים**  
**Niv Haim**

מחלקה: מתמטיקה ומדעי המחשב  
בהדרכת ד"ר בועז כץ

Department: Mathematics and Computer Science  
Advised by Dr. Boaz Katz

Title of thesis:  
Extreme close approaches in a hierarchical triple system with comparable masses



**דנה כהן**  
**Dana Cohen**

מחלקה: מדעי הכימיה  
בהדרכת ד"ר אמנון בר שיר

Department: Chemical Sciences  
Advised by Dr. Amnon Bar Shir

Title of thesis:  
Design and synthesis of BaF<sub>2</sub> nanoparticles for 19F MRI applications



**אדם ילין**  
**Adam Yalin**

מחלקה: מדעי החיים  
בהדרכת פרופ' עידו עמית

Department: Life Sciences  
Advised by Prof. Ido Amit

Title of thesis:  
Characterization of the maternal-embryo tolerance in the placenta: potential for novel immunomodulatory mechanisms



**דן יודילביץ**  
**Dan Yudilevich**

מחלקה: מדעי הפיסיקה  
בהדרכת פרופ' ארנסטו יוסלביץ'

Department: Physical Sciences  
Advised by Prof. Ernesto Joselevich

Title of thesis:  
Electromechanical behavior of inorganic nanotubes in torsional resonance



**תומר זולברג**  
**Tomer Solberg**

מחלקה: מדעי הפיסיקה  
בהדרכת פרופ' עופר אהרוני  
פרופ' מיכה ברכוז

Department: Physical Sciences  
Advised by Prof. Ofer Aharony  
Prof. Micha Berkooz

Title of thesis:  
The action of long strings in  
supersymmetric field theories

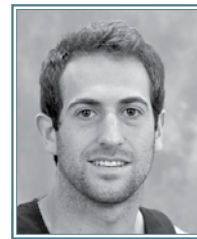


**לירון זהבי**  
**Liron Zahavi**

מחלקה: מתמטיקה ומדעי המחשב  
בהדרכת פרופ' יצחק פלפל

Department: Mathematics and Computer  
Science  
Advised by Prof. Yitzhak Pilpel

Title of thesis:  
Intra-species genomic variability in  
the human gut microbiome and its  
association with host factors



**עידן ולנט**  
**Eadan Valent**

מחלקה: מדעי הפיסיקה  
בהדרכת פרופ' ירון זילברברג

Department: Physical Sciences  
Advised by Prof. Yaron Silberberg

Title of thesis:  
On the shapes of speckles



**נועה חזקיהו**  
**Noa Hizkiahou**

מחלקה: מדעי החיים  
בהדרכת ד"ר יפעת מרביל

Department: Life Sciences  
Advised by Dr. Yifat Merbl

Title of thesis:  
Elucidating regulatory mechanisms of  
the Golgi stress response in health and  
disease



**אסף חדד**  
**Asaf Haddad**

מחלקה: מדעי הפיסיקה  
בהדרכת ד"ר אפרים אפרתי

Department: Physical Sciences  
Advised by Dr. Efi Efrati

Title of thesis:  
On the role of geometric frustration in  
twisted molecular crystals



**אביה זיסו**  
**Avia Zisso**

מחלקה: מדעי החיים  
בהדרכת ד"ר שרגא שוורץ

Department: Life Sciences  
Advised by Dr. Schraga Schwartz

Title of thesis:  
Characterization of rRNA pseudouridine  
(psi) modification in *Saccharomyces*  
*Cerevisiae*



**אופיר לופו**  
**Offir Lupo**

מחלקה: מדעי החיים  
בהדרכת פרופ' אברהם לוי  
פרופ' נעמה ברקאי

Department: Life Sciences  
Advised by Prof. Avraham Levy  
Prof. Naama Barkai

Title of thesis:  
Characterizing divergence of cell cycle  
regulation in budding yeast



**נטליה לויטין**  
**Natalia Levitin**

מחלקה: מדעי החיים  
בהדרכת ד"ר רות שרץ-שוויל

Department: Life Sciences  
Advised by Dr. Ruth Scherz-Shouval

Title of thesis:  
Understanding the role of HSF1 in  
pro-tumorigenic reprogramming of  
macrophages in cancer



**לירון לוי**  
**Liron Levy**

מחלקה: מדעי החיים  
בהדרכת פרופ' סטפן יונג

Department: Life Sciences  
Advised by Prof. Steffen Jung

Title of thesis:  
Studying the role of microglial MHCII  
expression in de-myelinating CNS  
pathologies



**יונתן מיזל**  
**Jonathan Mayzel**

מחלקה: מדעי הפיסיקה  
בהדרכת פרופ' גרגורי פלקוביץ

Department: Physical Sciences  
Advised by Prof. Gregory Falkovich

Title of thesis:  
Viscous electronics flow in disk and  
elliptic geometries



**רוזלי ליפש**  
**Rosalie Lipsh**

מחלקה: מדעי החיים  
בהדרכת ד"ר ישראל פליישמן

Department: Life Sciences  
Advised by Dr. Sarel Fleishman

Title of thesis:  
Design of enzyme repertoire



**שירה ליברטי**  
**Shira Liberty**

מחלקה: הוראת המדעים  
בהדרכת פרופ' ניר אוריון

Department: Science Teaching  
Advised by Prof. Nir Orion

Title of thesis:  
Designing a digital space to host  
learning: Can a change in a digital-spatial  
area allow/suppress expression of a  
natural feature such as learning?



**ניר כהן**  
**Nir Cohen**

מחלקה: מדעי החיים  
בהדרכת פרופ' מאיה שולדינר

Department: Life Sciences  
Advised by Prof. Maya Schuldiner

Title of thesis:  
Systematic analysis of translocation preference into the endoplasmic reticulum



**חן כהן**  
**Chen Cohen**

מחלקה: הוראת המדעים  
בהדרכת פרופ' מיכל ארמוני

Department: Science Teaching  
Advised by Prof. Michal Armoni

Title of thesis:  
Teaching recursion in computer science to elementary school students



**דרור כהן**  
**Dror Cohen**

מחלקה: מדעי הכימיה  
בהדרכת פרופ' ארנסטו יוסלביץ'

Department: Chemical Sciences  
Advised by Prof. Ernesto Joselevich

Title of thesis:  
Guided growth of PbSe nanowires



**יורי לובומירסקי**  
**Yuri Lubomirsky**

מחלקה: מדעי הפיסיקה  
בהדרכת פרופ' ערן בוכבינדר

Department: Physical Sciences  
Advised by Prof. Eran Bouchbinder

Title of thesis:  
Instabilities universality and stability-phase diagram in two-dimensional dynamic fracture



**יבגני לבנזוב**  
**Yevgeny Levanzov**

מחלקה: מתמטיקה ומדעי המחשב  
בהדרכת פרופ' רוברט קראוטגמר

Department: Mathematics and Computer Science  
Advised by Prof. Robert Krauthgamer

Title of thesis:  
On finding large cliques in random and semi-random graphs



**נרין נרד כרמל ניידרמן**  
**Narin Nard Carmel Neiderman**

מחלקה: מדעי החיים  
בהדרכת ד"ר איילת ארז

Department: Life Sciences  
Advised by Dr. Ayelet Erez

Title of thesis:  
Urea cycle enzymes dysregulation in carcinogenesis



**רועי נוף**  
**Roy Noff**

מחלקה: מדעי הפיסיקה  
בהדרכת פרופ' ליאור קרוניק

Department: Physical Sciences  
Advised by Prof. Leeor Kronik

Title of thesis:  
Electronic structure and optical spectra  
of semiconductors from range-separated  
hybrid density functional approach



**גל חיים נוטה**  
**Gal Chaim Nuta**

מחלקה: מדעי החיים  
בהדרכת פרופ' עדי קמחי

Department: Life Sciences  
Advised by Prof. Adi Kimchi

Title of thesis:  
Autophagy as a cell survival and cell  
death process: insights into molecular  
mechanisms in health and disease



**רואי נאור**  
**Roy Naor**

מחלקה: מדעי הכימיה  
בהדרכת ד"ר איתי הלוי  
ד"ר עמית מושקין,  
המכון הגיאולוגי לישראל

Department: Chemical Sciences  
Advised by Dr. Itay Halevy  
Dr. Amit Mushkin,

Geological Survey of Israel  
Title of thesis:  
Testing geochemical volume-changing  
mechanisms as explanations for  
geomorphological depressions on Mars



**ליטל סהר**  
**Lital Sahar**

מחלקה: מדעי החיים  
בהדרכת פרופ' טוני פוטרמן

Department: Life Sciences  
Advised by Prof. Tony Futerman

Title of thesis:  
Identifying the role of Adenosine kinase  
in Gaucher disease



**אור נלקנבאום**  
**Or Nelkenbaum**

מחלקה: מדעי החיים  
בהדרכת פרופ' ליאה אדדי

Department: Life Sciences  
Advised by Prof. Lia Addadi

Title of thesis:  
Investigation of mineral deposition  
pathways in the zebrafish caudal fin bone



**נמרוד ניר**  
**Nimrod Nir**

מחלקה: מדעי הפיסיקה  
בהדרכת פרופ' אולף לאונהרדט

Department: Physical Sciences  
Advised by Prof. Ulf Leonhardt

Title of thesis:  
Gravity waves as a classical analog to  
Casimir effect



**יבגני מקגון**  
**Evgeniy Makagon**

מחלקה: מדעי הכימיה  
בהדרכת פרופ' איגור לובומירסקי

Department: Chemical Sciences  
Advised by Prof. Igor Lubomirsky

Title of thesis:  
Elastic and electromechanical properties of oxygen and proton-conducting oxides



**אוהד מישל**  
**Ohad Michel**

מחלקה: מדעי הפיסיקה  
בהדרכת ד"ר עופר פירסטנברג

Department: Physical Sciences  
Advised by Dr. Ofer Firstenberg

Title of thesis:  
Enhancement of atom-photon interaction for thermal gas in a ladder system



**שיר רחל מימון**  
**Shir Rachel Maimon**

מחלקה: מדעי החיים  
בהדרכת פרופ' נחום אולנובסקי

Department: Life Sciences  
Advised by Prof. Nachum Ulanovsky

Title of thesis:  
Effects of early experience on spatial representation of large-scale environments in the bat hippocampus



**שירן משכית**  
**Shiran Maskit**

מחלקה: מדעי החיים  
בהדרכת פרופ' מאיה שולדינר

Department: Life Sciences  
Advised by Prof. Maya Schuldiner

Title of thesis:  
Metabolic enzyme coupling of malate dehydrogenases is enabled by piggybacking to peroxisomes



**עידו מרכוס**  
**Ido Marcus**

מחלקה: מדעי הפיסיקה  
בהדרכת פרופ' אלי זלדוב

Department: Physical Sciences  
Advised by Prof. Eli Zeldov

Title of thesis:  
Thermal imaging of the dissipation of hot electrons in two-dimensional electron gases



**דניאל מרכוס**  
**Daniel Marcus**

מחלקה: מדעי הפיסיקה  
בהדרכת פרופ' עדי שטרן

Department: Physical Sciences  
Advised by Prof. Ady Stern

Title of thesis:  
The Landau problem and the Hall effect around conical singularities



**ערן עמר**  
Eran Amar

מחלקה: מתמטיקה ומדעי המחשב  
בהדרכת פרופ' ערן סגל

Department: Mathematics and Computer Science

Advised by Prof. Eran Segal

Title of thesis:

Accurate real-time predictions of blood sugar levels using artificial neural networks



**רון סנדר**  
Ron Sender

מחלקה: מדעי החיים  
בהדרכת פרופ' רון מילוא

Department: Life Sciences

Advised by Prof. Ron Milo

Title of thesis:

Revised estimates for the number of human and bacterial cells in the body



**נתאי סילבטסקי**  
Nitai Sylvestsky

מחלקה: מדעי הכימיה  
בהדרכת פרופ' גרשום מרטין

Department: Chemical Sciences

Advised by Prof. Gershon Martin

Title of thesis:

Natural Orbitals for Biochemistry: Do explicitly correlated localized pair natural orbital methods permit accurate ab initio modeling of real-life proteins and enzymes?



**ואדים פדיוק**  
Vadim Feduk

מחלקה: מדעי החיים  
בהדרכת פרופ' גד גלילי

Department: Life Sciences

Advised by Prof. Gad Galili

Title of thesis:

Investigation of the regulatory mechanisms involved in suberin metabolism



**יוסף פגראו**  
Yosef Pogrow

מחלקה: מתמטיקה ומדעי המחשב  
בהדרכת פרופ' רוברט קראוטגמר

Department: Mathematics and Computer Science

Advised by Prof. Robert Krauthgamer

Title of thesis:

Solving symmetric diagonally-dominant linear systems in sublinear time (and some observations on graph sparsification)



**נופר עסיס**  
Nofar Assis

מחלקה: מדעי החיים  
בהדרכת פרופ' עדה יונת

Department: Life Sciences

Advised by Prof. Ada Yonath

Title of thesis:

Discovering structurally unique pathogenic bacteria ribosomal sites towards the development of advanced antibiotics



**אליזבת סטופס**  
**Elizabeth Stoops**

מחלקה: מדעי החיים  
בהדרכת פרופ' טלילה וולק

Department: Life Sciences  
Advised by Prof. Talila Volk

Title of thesis:  
The role of LINC complex and lamin proteins in synchronization of myonuclear growth and DNA endoreplication



**מיכאל סוקולצקי**  
**Michael Sokoletsky**

מחלקה: מדעי החיים  
בהדרכת פרופ' אילן למפל

Department: Life Sciences  
Advised by Prof. Ilan Lampl

Title of thesis:  
Comparing the dynamics of adaptation across the mouse primary somatosensory and visual cortices



**שריראם סודרדנאם**  
**Sriram Sudarsanam**

מחלקה: מדעי החיים  
בהדרכת פרופ' אורן שולדינר

Department: Life Sciences  
Advised by Prof. Oren Schuldiner

Title of thesis:  
The role of cofilin in Drosophila mushroom body axon growth and branching



**אביעד סיאני**  
**Aviad Siany**

מחלקה: מדעי החיים  
בהדרכת פרופ' ערן הורנשטיין

Department: Life Sciences  
Advised by Prof. Eran Hornstein

Title of thesis:  
Characterizing the effect of the ALS-causing mutation C9orf72 on AGO2 nuclear function



**זאנה סטפקה**  
**Zane Stepka**

מחלקה: מדעי הארכיאולוגיה  
בהדרכת פרופ' אליזבטה בוארטו  
פרופ' סטפן ויינר

Department: Archaeological Science  
Advised by Prof. Elisabetta Boaretto  
Prof. Steve Weiner

Title of thesis:  
Microparticles of flint: method development and application to the Boker Upper Paleolithic complex



**אביגיל סטוקר-אביחיל**  
**Avigail Stokar-Avihail**

מחלקה: מדעי החיים  
בהדרכת פרופ' רותם שורק

Department: Life Sciences  
Advised by Prof. Rotem Sorek

Title of thesis:  
The diversity and distribution of the arbitrium bacteriophage communication system





**נורית פפיסמדוב**  
**Nurit Papismadov**

מחלקה: מדעי החיים  
בהדרכת פרופ' ולרי קריזחנובסקי

Department: Life Sciences  
Advised by Prof. Valery Krizhanovsky

Title of thesis:  
Molecular mechanisms that govern  
resistance of senescence cells to cell  
death downstream to p21



**מירב פנקס**  
**Meirav Pinkas**

מחלקה: מדעי הפיסיקה  
בהדרכת פרופ' רועי עוזרי  
ד"ר אורן רז

Department: Physical Sciences  
Advised by Prof. Roei Ozeri  
Dr. Oren Raz

Title of thesis:  
Energy distribution dynamics of a trapped  
ion immersed in a cold atom cloud



**אור פנחסוף**  
**Or Pinchasof**

מחלקה: מדעי החיים  
בהדרכת ד"ר יניב זיו

Department: Life Sciences  
Advised by Dr. Yaniv Ziv

Title of thesis:  
A brain-computer interface for studying  
the long-term dynamics of hippocampal  
memory codes



**יותם פרליץ**  
**Yotam Perlitz**

מחלקה: מדעי הפיסיקה  
בהדרכת ד"ר קרן מיכאלי

Department: Physical Sciences  
Advised by Dr. Karen Michaeli

Title of thesis:  
Helical liquid in carbon nanotubes  
wrapped with DNA molecules



**מור פרייברון ישרים**  
**Mor Friebron Yesharim**

מחלקה: הוראת המדעים  
בהדרכת פרופ' מרדכי בן-ארי

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

Title of thesis:  
Teaching computer science concepts  
through robotics to elementary school  
children



**נועם פריאל**  
**Noam Priel**

מחלקה: מדעי החיים  
בהדרכת פרופ' בנימין גיגר

Department: Life Sciences  
Advised by Prof. Benjamin Geiger

Title of thesis:  
The dynamic rearrangement of organelles  
and the cytoskeleton during the cell  
fusion process leading to osteoclast  
formation

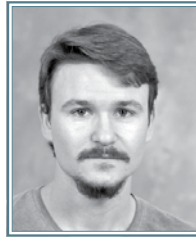


**יערה פינקל**  
**Yaara Finkel**

מחלקה: מדעי החיים  
בהדרכת ד"ר נעם שטן-גינזור

Department: Life Sciences  
Advised by Dr. Noam Stern-Ginossar

Title of thesis:  
Identifying functional elements in the HCMV genome



**דניאל פטוחין**  
**Daniel Petukhin**

מחלקה: מדעי הכימיה  
בהדרכת פרופ' אורן טל

Department: Chemical Sciences  
Advised by Prof. Oren Tal

Title of thesis:  
The effect of pure spin current manipulations on atomic and molecular conductors



**ליטל פובודובסקי**  
**Lital Povodovski**

מחלקה: מדעי החיים  
בהדרכת פרופ' עדי קמחי

Department: Life Sciences  
Advised by Prof. Adi Kimchi

Title of thesis:  
DAP5 importance as a mediator of cap-independent translation in driving cell fate decisions in embryonic stem cells



**שני פלס**  
**Shani Peles**

מחלקה: מדעי החיים  
בהדרכת ד"ר יעקב חנא

Department: Life Sciences  
Advised by Dr. Jacob (Yaqub) Hanna

Title of thesis:  
Deterministic iPSC reprogramming platform based high-throughput small molecule screening to identify novel modulators and boosters of iPSC reprogramming



**לביאל פלור**  
**Leviel Fluhr**

מחלקה: מדעי החיים  
בהדרכת פרופ' ערן אלינב

Department: Life Sciences  
Advised by Prof. Eran Elinav

Title of thesis:  
The role of the gut microbiota in weight gain after smoking cessation



**לי פלג**  
**Lee Peleg**

מחלקה: מדעי הפיסיקה  
בהדרכת פרופ' רועי עוזרי

Department: Physical Sciences  
Advised by Prof. Roee Ozeri

Title of thesis:  
Transfer of phase stability across the optical spectrum using an optical frequency comb



**איריס קלקה**  
**Iris Kalka**

מחלקה: מתמטיקה ומדעי המחשב  
בהדרכת פרופ' ערן סגל

Department: Mathematics and Computer Science

Advised by Prof. Eran Segal

Title of thesis:

Towards personalized microbiome-based treatments of glycemc control



**דן קליין**  
**Dan Klein**

מחלקה: מדעי הפיסיקה  
בהדרכת ד"ר קרן מיכאלי

Department: Physical Sciences

Advised by Dr. Karen Michaeli

Title of thesis:

Performance bounds for heat engines and improvements through elements with built-in directionality



**סמדר קיבליצקי**  
**Smadar Kiblitcki**

מחלקה: מדעי החיים  
בהדרכת ד"ר זיו שולמן

Department: Life Sciences

Advised by Dr. Ziv Shulman

Title of thesis:

Revealing BRG1 role in regulation of antibody-mediated immune response



**עפר קרפ**  
**Ofer Karp**

מחלקה: מדעי החיים  
בהדרכת פרופ' אהוד אחיסר

Department: Life Sciences

Advised by Prof. Ehud Ahissar

Title of thesis:

The relationships between body kinematics and the exploration-exploitation balance in humans



**מתתיהו קרייטמן**  
**Matthew Kreitman**

מחלקה: מדעי החיים  
בהדרכת פרופ' יוסף ירדן

Department: Life Sciences

Advised by Prof. Yosef Yarden

Title of thesis:

Soluble HER3 can serve as a predictive biomarker of response to tyrosine kinase inhibitors in non-small cell lung cancer



**הדר קסלסי**  
**Hadar Kaslasi**

מחלקה: מדעי הכימיה  
בהדרכת פרופ' דוד כהן  
פרופ' גרי הודס

Department: Chemical Sciences

Advised by Prof. David Cahen  
Prof. Gary Hodes

Title of thesis:

Synthesis and characterization of cesium-methylammonium lead bromide single crystals



**גרא קולטמן**  
Gera Koltman

מחלקה: מדעי הפיסיקה  
בהדרכת ד"ר רן בודניק

Department: Physical Sciences  
Advised by Dr. Ran Budnik

Title of thesis:  
DireXeno: a study of light emission from liquid xenon for improved sensitivity in dark matter noble liquid detectors



**יהונתן קאופמן**  
Yehonatan Kaufman

מחלקה: מדעי הכימיה  
בהדרכת פרופ' רוני נוימן

Department: Chemical Sciences  
Advised by Prof. Ronny Neumann

Title of thesis:  
The effect of visible light on electron transfer related to reduced polyoxometalates



**רותם צברי**  
Rotem Tsabary

מחלקה: מתמטיקה ומדעי המחשב  
בהדרכת ד"ר צביקה ברקסקי

Department: Mathematics and Computer Science  
Advised by Dr. Zvika Brakerski

Title of thesis:  
An equivalence between attribute-based signatures and homomorphic signatures and new constructions for both



**מקסים קושניר**  
Maxim Kushnir

מחלקה: מדעי החיים  
בהדרכת ד"ר לירן שלוש

Department: Life Sciences  
Advised by Dr. Liran Shlush

Title of thesis:  
Establishing ASXL1 c.1934dupG as a bona fide mutation



**ים קושינסקי**  
Yam Kushinsky

מחלקה: מתמטיקה ומדעי המחשב  
בהדרכת פרופ' ירון ליפמן

Department: Mathematics and Computer Science  
Advised by Prof. Yaron Lipman

Title of thesis:  
Sinkhorn algorithm for lifted assignment problems



**גיל קור**  
Gil Kur

מחלקה: מתמטיקה ומדעי המחשב  
בהדרכת פרופ' בועז נדלר

Department: Mathematics and Computer Science  
Advised by Prof. Boaz Nadler

Title of thesis:  
Projection pursuit in high dimensional setting



**אהרון שיף**  
**Aharon Shiff**

מחלקה: מתמטיקה ומדעי המחשב  
בהדרכת ד"ר אוהד שמיר

Department: Mathematics and Computer Science

Advised by Dr. Ohad Shamir

Title of thesis:  
Oracle complexity of second-order methods for smooth convex optimization



**שלומי שטיינברג**  
**Shlomi Steinberg**

מחלקה: מתמטיקה ומדעי המחשב  
בהדרכת פרופ' דוד הראל

Department: Mathematics and Computer Science

Advised by Prof. David Harel

Title of thesis:  
Generating distributed models from centralized specifications



**אסף שוחר**  
**Assaf Shocher**

מחלקה: מתמטיקה ומדעי המחשב  
בהדרכת פרופ' מיכל אירני

Department: Mathematics and Computer Science

Advised by Prof. Michal Irani

Title of thesis:  
Deep internal learning



**רום שנהב**  
**Rom Shenhav**

מחלקה: מתמטיקה ומדעי המחשב  
בהדרכת ד"ר שלו איצקוביץ

Department: Mathematics and Computer Science

Advised by Dr. Shalev Itzkovitz

Title of thesis:  
Spatially resolved single cell genomics of the mammalian liver



**שרון שמעון**  
**Sharon Shimon**

מחלקה: מדעי החיים  
בהדרכת פרופ' משה אורן

Department: Life Sciences  
Advised by Prof. Moshe Oren

Title of thesis:  
Understanding the interaction between LATS2 and ALDH18A1



**אביב שליט**  
**Aviv Shalit**

מחלקה: מדעי הפיסיקה  
בהדרכת פרופ' גלעד פרוז

Department: Physical Sciences  
Advised by Prof. Gilad Perez

Title of thesis:  
A relaxation Nelson-Barr solution to the hierarchy and the strong CP problems



**נאוה רזניק**  
**Nava Reznik**

מחלקה: מדעי החיים  
בהדרכת ד"ר יפעת מרבל  
ד"ר ניר לונדון

Department: Life Sciences  
Advised by Dr. Yifat Merbl  
Dr. Nir London

Title of thesis:  
Identifying inhibitors of FAT10 expression  
and conjugation as novel therapeutic  
targets in cancer



**אפרת רזניק**  
**Efrat Resnick**

מחלקה: מדעי הכימיה  
בהדרכת ד"ר ניר לונדון

Department: Chemical Sciences  
Advised by Dr. Nir London

Title of thesis:  
Electrophile fragment screening identifies  
the first p53R273C specific binder



**מאיה רון**  
**Maya Ron**

מחלקה: מדעי החיים  
בהדרכת ד"ר איגור אוליטקי

Department: Life Sciences  
Advised by Dr. Igor Ulitsky

Title of thesis:  
LincRNA PVT1 and its role in  
carcinogenesis



**מיכל שביט**  
**Michal Shavit**

מחלקה: מדעי הפיסיקה  
בהדרכת פרופ' יוסף ניר

Department: Physical Sciences  
Advised by Prof. Yosef Nir

Title of thesis:  
Neutrinoless double-beta decay with a  
massive majoron



**נועה ריינדל**  
**Noa Raindel**

מחלקה: מדעי החיים  
בהדרכת פרופ' אורי אלון

Department: Life Sciences  
Advised by Prof. Uri Alon

Title of thesis:  
Body language emotion and dramatic  
action in a systematic scan of stick figures



**שי רייטיש**  
**Shai Reitich**

מחלקה: מדעי הכימיה  
בהדרכת פרופ' אדוארדס נרייביצ'יוס

Department: Chemical Sciences  
Advised by Prof. Ed Narevicius

Title of thesis:  
Improvement of cold molecule source:  
beam brightening and efficient atom  
entrainment



**תם דרור-שוורץ**  
**Tom Dror-Schwartz**

מחלקה: מדעי כדור הארץ וכוכבי הלכת  
בהדרכת פרופ' אילן קורן

Field of Study: Earth and Planetary  
Sciences

Advised by Prof. Ilan Koren

Title of thesis:

Timescale analysis of environmental  
controls on sea spray aerosol production  
over the South Pacific Subtropical Gyre



**נתנאל ארמן**  
**Netanel Ehrmann**

מחלקה: פיסיקה של מערכות מורכבות  
בהדרכת פרופ' אלישע מוזס

Field of Study: Physics of Complex  
Systems

Advised by Prof. Elisha Moses

Title of thesis:

The intonation of focus: A tale of context  
and structure



**יותם אלכסנדר**  
**Yotam Alexander**

מחלקה: מתמטיקה  
בהדרכת פרופ' רונן אלדן

Field of Study: Mathematics

Advised by Prof. Ronen Eldan

Title of thesis:

Smoothness of the boundary of the  
convex hull of Brownian motion in  
higher dimensions



**ירדן וייר**  
**Yarden Waier**

מחלקה: מדעי המחשב ומתמטיקה  
שימושית  
בהדרכת פרופ' שחר דובזינסקי

Field of Study: Computer Science and  
Applied Mathematics

Advised by Prof. Shahar Dobzinski

Title of thesis:

A constructive view of subadditive  
valuations



**אריה ויידס**  
**Aryeh Wides**

מחלקה: מדעי הצמח והסביבה  
בהדרכת פרופ' רון מילוא

Field of Study: Plant and Environmental  
Sciences

Advised by Prof. Ron Milo

Title of thesis:

Understanding the dynamics and  
optimizing the performance of chemostat  
selection experiments



**אביטל הכהן**  
**Avital Hacoheh**

מחלקה: בקרה ביולוגית  
בהדרכת פרופ' רוני זגר

Field of Study: Biological Regulation

Advised by Prof. Rony Seger

Title of thesis:

The nuclear translocation of ERK1/2 in  
mouse embryonic stem cells



**יותם שפירה**  
**Yotam Shapira**

מחלקה: מדעי הפיסיקה  
בהדרכת פרופ' רועי עוזרי

Department: Physical Sciences  
Advised by Prof. Roei Ozeri

Title of thesis:  
Robust entanglement of trapped ion qubits



**גל שפירה**  
**Gal Shapira**

מחלקה: מדעי החיים  
בהדרכת פרופ' אורן שולדינר

Department: Life Sciences  
Advised by Prof. Oren Schuldiner

Title of thesis:  
Identifying the role of the octopamine receptors in neuronal remodeling of Drosophila mushroom body neurons



**אודם שני**  
**Odem Shani**

מחלקה: מדעי החיים  
בהדרכת פרופ' משה אורן

Department: Life Sciences  
Advised by Prof. Moshe Oren

Title of thesis:  
Comprehensive characterization of p53 mutations effect on the transcriptional landscape



**שחף אהרוני שפירה**  
**Shahaf Aharoni Shapira**

מחלקה: פיסיקה של חלקיקים ואסטרופיסיקה  
בהדרכת פרופ' יוסף ניר

Field of Study: Particle Physics and Astrophysics  
Advised by Prof. Yosef Nir

Title of thesis:  
The contribution of scalar leptoquarks to  $b$  to  $s$  transitions



**נמרוד שריד**  
**Nimrod Sarid**

מחלקה: מדעי החיים  
בהדרכת פרופ' רפאל מלאך

Department: Life Sciences  
Advised by Prof. Rafael Malach

Title of thesis:  
Widespread neuronal activations revealed through intra-cranial recordings of human cortex during real-life conditions



**עומר שקד**  
**Omer Shaked**

מחלקה: מדעי החיים  
בהדרכת ד"ר עופר יזחר

Department: Life Sciences  
Advised by Dr. Ofer Yizhar

Title of thesis:  
The role of mPFC-projecting BLA neurons in modulation of behavioral responses during reward-based learning





**דינה חלר**  
**Deena Roller**

מחלקה: חומרים ופני שטח  
בהדרכת פרופ' ליאור קרוניק

Field of Study: Materials and Interfaces

Advised by Prof. Leeor Kronik

Title of thesis:

Shim coil design & mapping for MRI of the human brain



**יבגניה קורוטינסקי**  
**Yevgeniya Korotinsky**

מחלקה: פיסיקה של חלקיקים  
ואסטרופיסיקה  
בהדרכת פרופ' עמוס ברסקין, ד"ר רן בודניק

Field of Study: Particle Physics and Astrophysics

Advised by Prof. Amos Breskin, Dr. Ran Budnik

Title of thesis:

Detection of positive xenon ions by potential emission of secondary electrons



**יוליה קוגן**  
**Yulia Kogan**

מחלקה: מדעי הצמח והסביבה  
בהדרכת פרופ' רון מילוא

Field of Study: Plant and Environmental Sciences

Advised by Prof. Ron Milo

Title of thesis:

Unravelling the dark matter of metagenomic samples



**אקטרינה קרואצ'נקו**  
**Ekaterina Kravchenko**

מחלקה: מדעי המחשב ומתמטיקה  
שימושית  
בהדרכת פרופ' רונן בצרי

Field of Study: Computer Science and Applied Mathematics

Advised by Prof. Ronen Basri

Title of thesis:

Modeling deformations for 3D human pose and shape estimation from RGBD frames



**רונית סויסה**  
**Ronit Suissa**

מחלקה: גנטיקה מולקולרית  
בהדרכת ד"ר אילנה קולודקין-גל

Field of Study: Molecular Genetics  
Advised by Dr. Ilana Kolodkin-Gal

Title of thesis:  
A role for glucose in the induction of novel antibacterial effectors by the probiotic bacterium lactobacillus rhamnosus GG



**רשיד חמיס**  
**Rashid Khamis**

מחלקה: פיסיקה כימית וביולוגית  
בהדרכת פרופ' גלעד הרן

Field of Study: Chemical and Biological Physics  
Advised by Prof. Gilad Haran

Title of thesis:  
Exact computation of the Fisher information matrix for hidden Markov models



**טל-אל חג'בי**  
**Tal-El Hajbi**

מחלקה: חומרים ופני שטח  
בהדרכת פרופ' איגור לובומירסקי

Field of Study: Materials and Interfaces  
Advised by Prof. Igor Lubomirsky

Title of thesis:  
Investigation of the electromechanical effect in Gd-doped ceria bulk ceramics using in-situ X-ray Diffraction



**נופר צפניה**  
**Nofar Sfanía**

מחלקה: מדעים ביומולקולריים  
בהדרכת פרופ' יואב סואן

Field of Study: Biomolecular Sciences  
Advised by Prof. Yoav Soen

Title of thesis:  
Bacterial regulation of host oogenesis by the supply of vitamins required for mitochondrial function



**יונתן פרידמן**  
**Jonathan Friedman**

מחלקה: פיסיקה של מערכות מורכבות  
בהדרכת פרופ' ניר דודזון

Field of Study: Physics of Complex Systems  
Advised by Prof. Nir Davidson

Title of thesis:  
Slow light and electromagnetically-induced transparency of moving beams



**ניר פיירשטיין**  
**Nir Firestein**

מחלקה: ביולוגיה מוקולורית של התא  
בהדרכת ד"ר רביד שטראוסמן

Field of Study: Molecular Cell Biology  
Advised by Dr. Ravid Straussman

Title of thesis:  
Characterizing the network of cancer related signaling pathways and the effect of drugs on this network

# 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.



Islam Abu Rabi  
Youssef Abu Saleh  
Vered Adler  
Saba Amer  
Micky Binyamini  
Tom Emanuel  
Irit Fain  
Areen Ganaiem  
Ahuva Gutmann  
Olga Katz  
Eynav Kazimirski  
Mahmood Khateeb  
Gur Arie Livni Alcasid  
Lena Matyashov  
Ruth Molad  
Ido Porat  
Ilan Ramati  
Michal Shtark  
Ran Sudai  
Boaz Wilon  
Sabrin Yasen  
Ehud Zadok  
Idit Zilberman  
Ariel Ziv  
Hagit Levy  
Zhanna Ossipov



**ז'אנה אוסיפוב**  
**Zhanna Ossipov**

תחום: הוראת המדעים  
Field: Science Teaching



**ורד אדלר**  
**Vered Adler**

תחום: הוראת המדעים  
Field: Science Teaching



**איסלאם אבו רביע**  
**Islam Abu Rabi**

תחום: הוראת המדעים  
Field: Science Teaching



**ערין גנאיים**  
**Areen Ganaiem**

תחום: הוראת המדעים  
Field: Science Teaching



**אהובה גוטמן**  
**Ahuva Gutmann**

תחום: הוראת המדעים  
Field: Science Teaching



**מיכה בנימיני**  
**Micky Binyamini**

תחום: הוראת המדעים  
Field: Science Teaching



**עידית זילברמן**  
**Idit Zilberman**

תחום: הוראת המדעים  
Field: Science Teaching



**אריאל זיו**  
**Ariel Ziv**

תחום: הוראת המדעים  
Field: Science Teaching



**בוועז וילון**  
**Boaz Wilon**

תחום: הוראת המדעים  
Field: Science Teaching

# CONFIRMATION OF DEGREES 2018 עקס הענקת תארים

Feinberg Graduate School מדרשת פיינברג





אהוד צדוק  
Ehud Zadok

תחום: הוראת המדעים  
Field: Science Teaching



אירית פיין  
Irit Fain

תחום: הוראת המדעים  
Field: Science Teaching



עידו פורת  
Ido Porat

תחום: הוראת המדעים  
Field: Science Teaching



מיכל שטרק  
Michal Shtark

תחום: הוראת המדעים  
Field: Science Teaching



אילן רמתי  
Ilan Ramati

תחום: הוראת המדעים  
Field: Science Teaching



עינב קזימירסקי  
Eynav Kazimirski

תחום: הוראת המדעים  
Field: Science Teaching



מחמוד חטיב  
Mahmood Khateeb

תחום: הוראת המדעים  
Field: Science Teaching



יוסף אבו סאלח  
Youssef Abu Saleh

תחום: הוראת המדעים  
Field: Science Teaching



גור אריה לבני אלכסיד  
Gur Arie Livni Alcasid

תחום: הוראת המדעים  
Field: Science Teaching



אולגה כץ  
Olga Katz

תחום: הוראת המדעים  
Field: Science Teaching



סברין יאסין  
Sabrin Yasen

תחום: הוראת המדעים  
Field: Science Teaching



ילנה מטיאשוב  
Lena Matyashov

תחום: הוראת המדעים  
Field: Science Teaching



רות מולד  
Ruth Molad

תחום: הוראת המדעים  
Field: Science Teaching



חגית לוי  
Hagit Levy

תחום: הוראת המדעים  
Field: Science Teaching



תום עמנואל  
Tom Emanuel

תחום: הוראת המדעים  
Field: Science Teaching



סבא עאמר  
Saba Amer

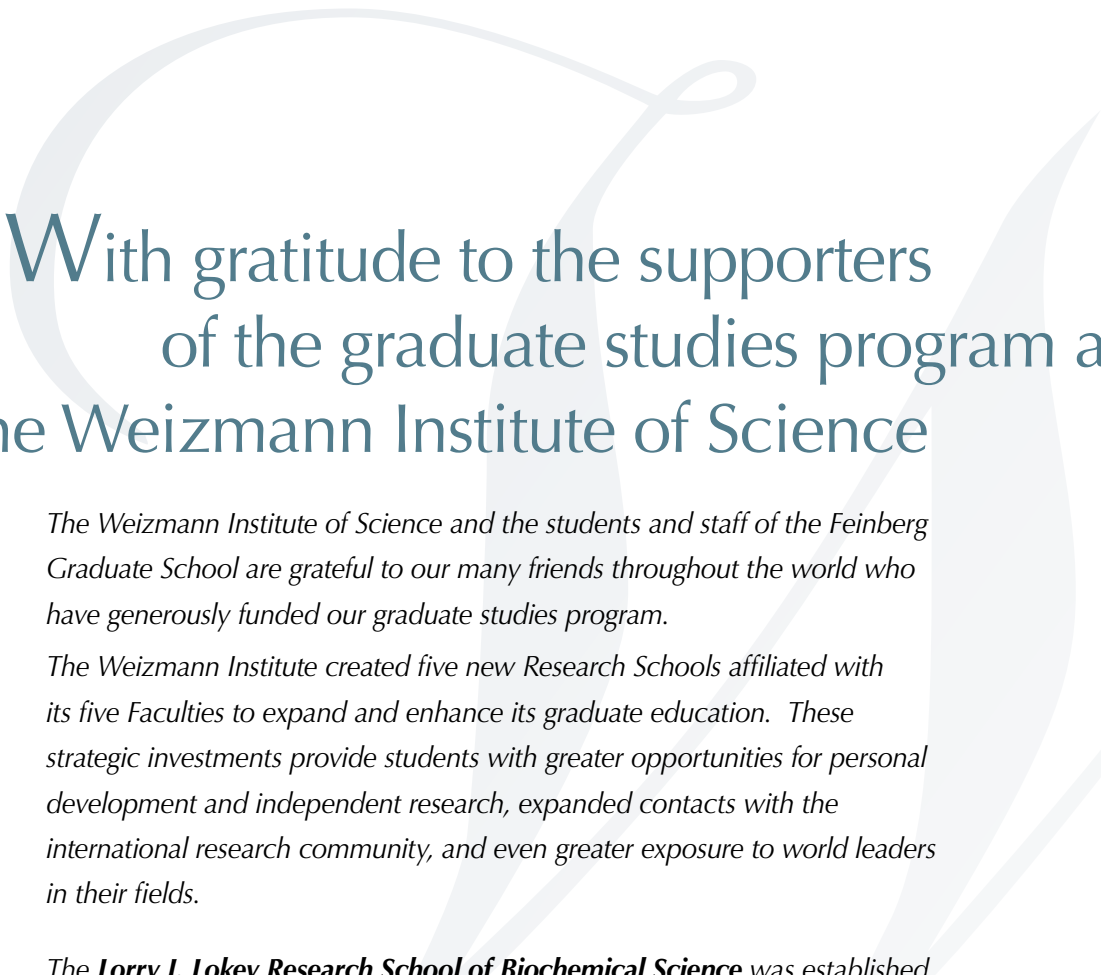
תחום: הוראת המדעים  
Field: Science Teaching



רן סודאי  
Ran Sudai

תחום: הוראת המדעים  
Field: Science Teaching





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

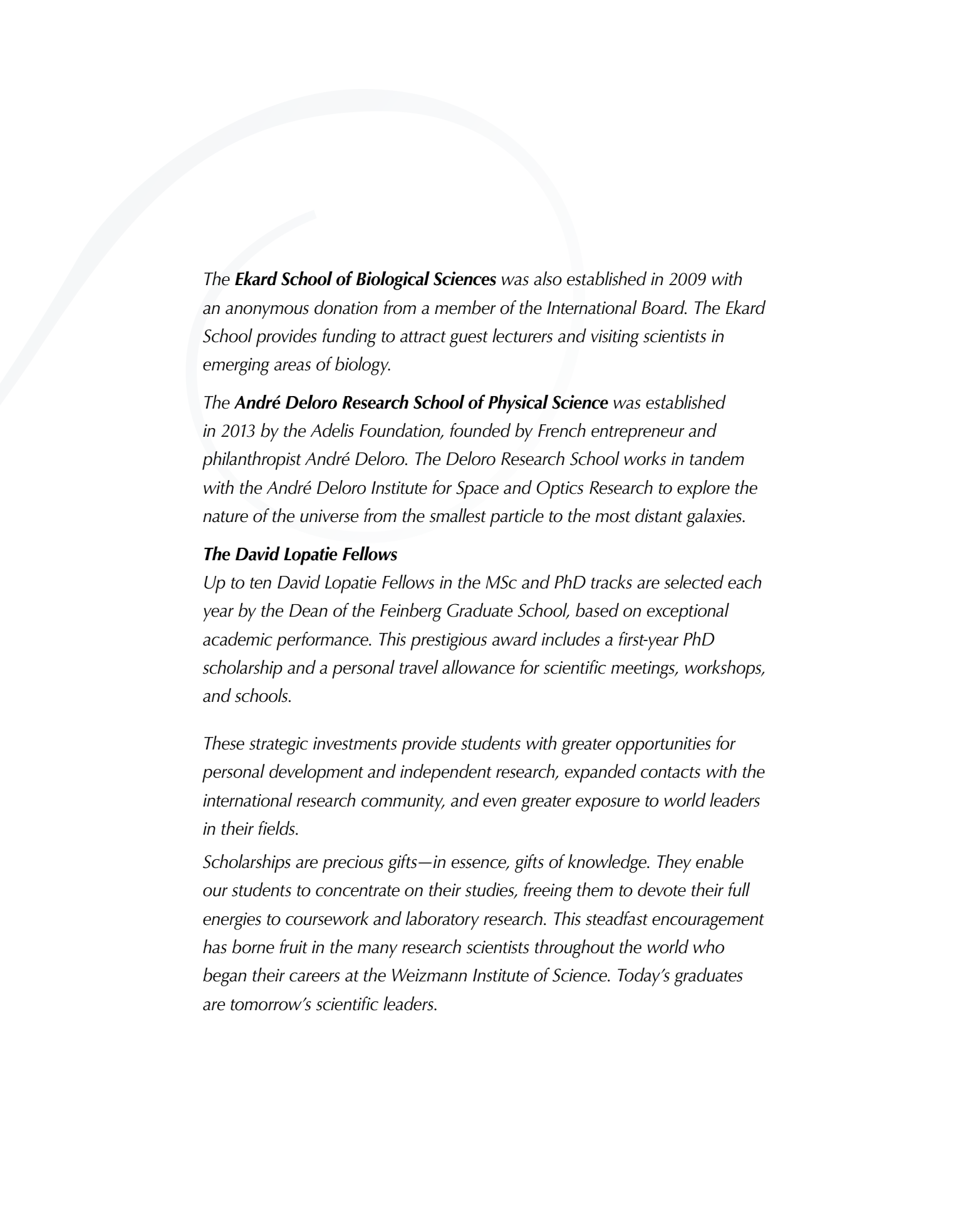
*The Weizmann Institute of Science and the students and staff of the Feinberg Graduate School are grateful to our many friends throughout the world who have generously funded our graduate studies program.*

*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.*

*Former Chair 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 performance. 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 throughout the world who began their careers at the Weizmann Institute of Science. Today's graduates are tomorrow's scientific leaders.*

# Scholarship Awards

## PhD 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 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 Irena-Ida Bogdanowicz Scholarship**

Established in 1994 through a bequest of Irena-Ida Bogdanowicz Tel Aviv, Israel

### **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 Dr. Sydney Brenner Scholarship**

Established in 2015 by friends and admirers of Dr. Brenner

**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 Jean and Sandy Colen Doctoral Scholarship in Cancer Research**

Established in 2017 by Jean and Sandy Colen, Orinda, California

**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

**The Yeheshkel and Fruma Freedman Education Fund**

Established in 2001 through a bequest of Isaac Freedman, Boston, Massachusetts

**The Shulamith Friedland Memorial Master's Scholarship in Cancer Research**

Established in 2016 by Sheldon Friedland, New Bedford, Massachusetts

# Scholarship Awards

## PhD Scholarships in Perpetuity

### **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



# Scholarship Awards

## PhD Scholarships in Perpetuity

### **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 Marcia S. and Michael H. Klein Scholarship for Autoimmune Diseases**

Established in 2012 by Marcia and Michael Klein, Bloomfield Hills, Michigan

### **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 Lewis Family Scholarship**

Established in 2013 by the Lewis Family Trust, Hackensack, New Jersey

### **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

### **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. Sprinzl 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 Linda and Richard Price Scholarship for Brain Research**

Established in 2016

### **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



# Scholarship Awards

## PhD Scholarships in Perpetuity

### **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

### **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 Eliezer and Genia (Chaine) Sotskover Scholarship**

Established in 1992 through bequests of Eliezer and Genia (Chaine) Sotskover, Ramat Gan, Israel

### **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 Steuerman Endowed Scholarship Fund**

Established in 1991 through a bequest of Maria Steuerman, 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 Phyllis and Arthur Wachtel Scholarship Fund**

Established in 2017 by Phyllis and Arthur Wachtel, Boca Raton, Florida

### **The Raoul Wallenberg Scholarship**

Established in 1980 by the Swedish Committee and the Canadian Society for the Weizmann Institute of Science

### **The Paul and Greta Weinberger Scholarship**

Established in 1995 through a bequest of Paul Weinberger, New York

### **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 PhD Scholarships

### **The Nurit Barda Memorial Scholarship**

Established in 2018 by Milvia Perinot, Switzerland

### **The Prof. Nira Ben-Jonathan PhD Scholarship in Cancer Research**

Established in 2017 by Prof. Nira Ben-Jonathan, Cincinnati, Ohio

### **The Manfred Broder Memorial Scholarship**

Established in 2014 in Manfred's honor by the Weizmann Institute of Science

### **The Ronald M. Kantor Scholarship in Theoretical Physics**

Established in 2011 by Evelyn Kantor, Bronx, New York

### **The James F. Kay Memorial Scholarship**

Established in 2018 by Elaine Kay, Palm Beach, Florida and Toronto, Canada

### **The Joseph Meyerhoff Scholarship**

Established in 1983 through the Joseph Meyerhoff Fund and the Rebecca Meyerhoff Fund, Baltimore, Maryland

### **The Rabin Family Scholarship Fund**

Established in 2016 by Irving and Varda Rabin, Tiburon, CA

### **The Alessandro Simeoni Memorial Scholarship**

Established in 2017 by Milvia Perinot, Switzerland

### **The Skolnick Family Charitable Trust Doctoral Scholarships**

Established in 2006 by Mr. Allen Skolnick, Lynbrook, New York



# Scholarship Awards

## MSc 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 Master's 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. Bluestein Scholarship**

Established in 1990 by Milton J. Bluestein, 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 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

**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

# Scholarship Awards

## MSc Scholarships in Perpetuity

### **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 Samuel and Bess Ekstein Master's Scholarship**

Established in 2011 by Samuel Ekstein, Chicago, Illinois

### **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

### **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



# Scholarship Awards

## MSc Scholarships in Perpetuity

### **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. Gommers 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

## MSc 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 Harmstieglitz 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 Samuel and Anna Jacobs Scholarship Fund**

Established in 2015 by the Samuel and Anna Jacobs Foundation, Inc., New York

### **The Ruth Jansen Family Scholarship**

Established in 2015 through the estate of Ruth Jansen, Montreal, Canada

### **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 Master's Scholarship in Neuroscience Research with a focus on Mental Health**

Established in 2013, Montreal, Canada

### **The Annie and Armand Kessous Master's 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

# Scholarship Awards

## MSc Scholarships in Perpetuity

### **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

### **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 David and Chana Krelenbaum Memorial Scholarship for Research in Autoimmune Diseases**

Established in 2018 by Marilyn Krelenbaum, Montreal, 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 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

### **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

# Scholarship Awards

## MSc Scholarships in Perpetuity

### **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 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 Olmert/Burckin Scholarship Fund**

Established in 2017 by Carol Olmert and Dr. Alan P. Burckin, Walnut Creek, California

### **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

### **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



# Scholarship Awards

## MSc Scholarships in Perpetuity

### **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 Lili Rosenthal Scholarship**

Established in 2016 through the estate of Dr. Lili Rosenthal, Sweden

### **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

### **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

# Scholarship Awards

## MSc Scholarships in Perpetuity

### **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 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



# Scholarship Awards

## MSc Scholarships in Perpetuity

### **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 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 G. Pauline Whiteman Scholarship Fund**

Established in 2005 through a bequest of Pauline Whiteman, San Francisco, California

### **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 Zekelman Scholarship Fund**

Established in 2017 by Alan Zekelman, Bloomfield Hills, Michigan

### **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 MSc Scholarships

### **The Erma and Allan Blumenfeld Scholarship**

Established in 2017 by Erma  
Blumenfeld, Toronto, Canada

### **The Miriam and Arthur Diamond Scholarship**

Established in 2018 by the Miriam and  
Arthur Diamond Charitable Trust, New  
York

### **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

