Feinberg Graduate School

Graduates 2021

מכון ויצמן למדע
WEIZMANN INSTITUTE OF SCIENCE

Feinberg Graduate School
in The David Lopatie Hall of Graduate Studies

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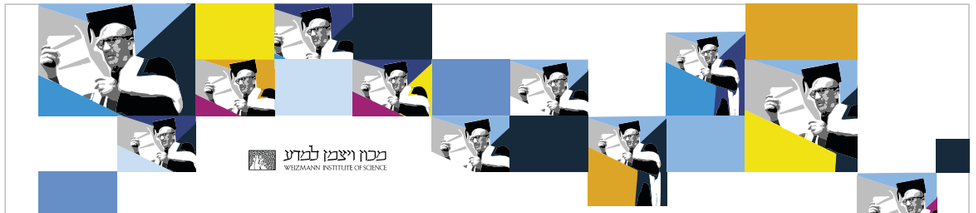


מדרשת פיינברג מתכבדת להזמינך

לטקס הענקת תארי מוסמך ודוקטור לפילוסופיה ולהכרזה על פרסים למצטיינים

יום שני, י״א בתמוז תשפ״א, 21 ביוני 2021
בשעה 19:00
בכיכר הזיכרון לשואה ע״ש משפחת דוד ופלה שאפל
מכון ויצמן למדע, רחובות

לרישום לאירוע נא ללחוץ כאן *

ברכות:

פרופ׳ אלון חן
נשיא מכון ויצמן למדע

פרופ׳ גלעד פרז
דיקן מדרשת פיינברג, מכון ויצמן למדע

פרופ׳ דניאלה גולדפרב
יו״ר המועצה המדעית, מכון ויצמן למדע

אורחת כבוד:

כבוד השופטת אסתר חיות
נשיאת בית המשפט העליון

דברים בשם הבוגרים:

ד״ר אבירם אורי
המחלקה לפיסיקה של חומר מעובה

מוסיקה:

רוני דלומי

* כל בוגר/ת רשאי/ת להזמין עד שני אורחים בלבד.

The Feinberg Graduate School cordially invites you to the

Graduation Ceremony for the conferment of MSc and PhD degrees, and awarding of prizes for academic excellence

Monday, June 21, 2021
19:00
David and Fela Shapell Family Holocaust Memorial Plaza
Weizmann Institute of Science, Rehovot

For registration please click here *

Greetings:

Prof. Alon Chen
President, Weizmann Institute of Science

Prof. Gilad Perez
Dean, Feinberg Graduate School

Prof. Daniella Goldfarb
Chair, Scientific Council of the Weizmann Institute of Science

Guest of honor:

Justice Esther Hayut
President of the Supreme Court of Israel

On behalf of the graduates:

Dr. Aviram Uri
Department of Condensed Matter Physics

Music:

Roni Dalumi

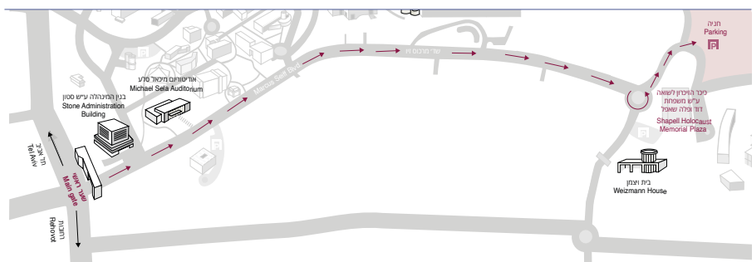
* Each graduate may invite up to two guests only.

לתשומת לב המוזמנים:

- הכניסה לאירוע מותנית בהצגת **"תו ירוק"** או תעודת מחלים ותעודה מזהה ובהצגת אישור הרישום לאירוע.
- אורחים בעלי צרכים מיוחדים מתבקשים לתאם מראש את הגעתם עם המדרשה (08-934-3842) כדי לקבל את הסיוע הדרוש.
- הכניסה לאתר האירוע ולמתחם המושבים תתאפשר מהשעה 18:15 עד 18:55.

Please note the following:

- Entry to the event will be subject to presenting:
  (a) **A Green Pass** (or certificate of recovery)
  (b) A form of identification
  (c) Confirmation of registration to the event
- Guests with special needs concerning access to the site are kindly requested to notify FGS in advance (08-934-3842), so that appropriate arrangements can be made.
- Entrance to the site will be open to guests from 18:15 until 18:55.



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With gratitude to the supporters of the Feinberg Graduate School at the Weizmann Institute of Science

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. Nearly 4,000 scientists, students, technicians, and administrative staff make up the Weizmann community on campus. The Institute also invests considerable efforts and resources in science education and literacy for school-age children.The budget of the Weizmann Institute is approximately one billion shekels—a quarter of which is granted by the Israeli government, with the remainder originating from grants won by the Institute's scientists as well as from donations and scholarships.

The Feinberg Graduate School

The Feinberg Graduate School is the academic 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 (FGS) is the advanced training of the next generation of creative and original researchers in the natural sciences and mathematics, who will go on to become scientific leaders.

The Graduate School offers Master of Science (MSc) and Doctor of Philosophy (PhD) programs in physics, chemistry, life sciences, mathematics and computer science, and science teaching. Interdisciplinary programs are widespread and encouraged.

Since its founding, FGS has been an accredited institution of higher learning in Israel. It later received an absolute charter granted by the Board of Regents of the State of New York. The instructors and advisors of the Graduate School are members of the scientific staff of the Weizmann Institute of Science. Currently, there are over 1,100 graduate students, with a student-teacher ratio of 4:1, enabling considerable individual attention. The official language of instruction is English, which allows foreign students to participate fully in all of the Graduate School's programs. The only criteria for acceptance to FGS are academic excellence and scientific integrity. Admission to all programs and activities is granted without regard to race, gender, sexual orientation, religion, or nationality. All students are directly involved in the research conducted at the Weizmann 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 also offer students 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 is headed by a Director appointed by the Dean of FGS, and each Director is assisted by 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. FGS 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 FGS.

Prof. Alon Chen
President,
Weizmann Institute of Science

Dear graduates and proud families,

After more than a year of working under the difficult conditions of a pandemic, it is good to meet you in person once again.

I am especially delighted to welcome our guest of honor, the President of the Supreme Court, Justice Esther Hayut.

This is an important occasion, both in the life of the Institute and in your personal lives. Apart from the natural excitement of the occasion your thoughts are likely already directed toward the future—toward your first steps in your academic careers, in research and development positions in industry, or educational leadership.

But just before you set out on your paths to advancement and success, perhaps it is also worth looking back at the original decision that brought you here in the first place. It would be worthwhile for all of us to remember and nurture that initial, perhaps even child-like, curiosity, which is the inexhaustible source of our energy.

They say that in every adult exists the child that they once were: the child that does not hesitate to ask questions and who believes and expects—with endless optimism—that an answer can be found for every query. This outlook that some say is child-like or naïve is what drives science forward and enables scientists to uncover secrets and invent things that change the world.

But of course, curiosity alone is not enough. And asking questions is not enough. During your years of study and research at the Institute, you acquired two tools that have helped you, and that will continue to help you, extensively so, on your future research journeys. The first tool is scientific methods and the ability to find the significance we seek in a sea of data. And the second tool is a worldview that enables you to contend with the failures and disappointments that are part and parcel of our experience on the journey, knowing that they are necessary stages on the path to success.

As you go out into the world, it is vital that you remember that the purpose of science is to contribute, in many different ways, to human wellbeing, irrespective of religion, gender, nationality, or geographical location. Wherever you go, it is critical to spread the word about the importance of the role of science in research, medicine, technology, and education. That's because, as more people understand the principles of science, the world in which we live and the world that we pass on to future generations will be a better one.

Thank you, and congratulations to all our graduates.

Prof. Alon Chen

Prof. Gilad Perez
Dean,
Feinberg Graduate School

Our dear graduates,

It is customary at the degree ceremony to praise you, our graduates, for your efforts and achievements in our courses and laboratories. At the same time, we cannot ignore the fact that our scientific and academic activity recently had no choice but to be significantly involved in our daily existence. To be here today, all of you, and particularly the international students among you, had to contend with many challenges. Despite these difficulties, you demonstrated enormous persistence, and this is without a doubt a significant experience that you can take with you going forward. Our vision here is to create a comprehensive and inspiring program for the next generation of talented people – you! – feel comfortable asking fundamental questions, and sometimes, in fact, quite rarely, even finding answers to these questions. Your participation in this ceremony today attests to the fact that we succeeded, if only somewhat, in the tremendous task we set for ourselves, and that is undoubtedly a reason to celebrate.

Dear graduates, you leave here to set out on the next stage of your life, with a different and challenging world awaiting you outside. You already know that reliable information and genuine knowledge are suddenly in demand in the face of a global pandemic. It is difficult F sum up what we do here in one or two sentences and what you learned and researched in the years you spent with us. The most significant thing we share and try to impart is the value of and the path to creating actual knowledge (the kind that stands the test of time). Only those who personally experienced research can understand the intellectual, mental, and sometimes even physical effort required to create knowledge. If we succeeded in teaching you that lesson, we would be content. The fact that you reached this point shows that we succeeded if only a little. For many, both inside and outside academia, today, you officially become ambassadors of human knowledge. You may find this hard to grasp now, but starting now, and for many years to come, you will carry this quality seal – and this is something worth celebrating.

My sincere thanks to the people who organized this exemplary and moving ceremony. Thank you to the chairpersons of the teaching committees and the heads of the research schools for their vital role in recruiting students, designing the syllabi, and tracking and caring for our students during their degree studies. I wish to thank also all the heads of the research groups, the faculty scientists, the Weizmann Institute of Science employees, including the technical and administrative staff, for their guidance and support along the way. Last but not least, I would like to and the Feinberg Graduate School team for their dedicated and personal care for you, our graduates, from the time you applied to the Graduate School up until you reached this moment.

Congratulations!

Prof. Gilad Perez

Prof. Daniella Goldfarb
Chair,
Scientific Council

Dear graduates,

It is a special and exciting day for you.

Doctoral graduates, this is it! You have completed your formal studies, and this is your last diploma. However, it is only a formal step. After all, as scientists, you will never stop learning, regardless of the career, you aim for. Master's degree graduates, you have just completed another important stage.

Today is also a very significant day for us, the Weizmann Institute scientists, your advisors for whom an important and central part of our work, in addition to research, is to educate and train the next generation of scientists – and every year, we are just as excited.

Last year this wonderful ceremony was held online, and we were all in the midst of the corona crisis, an extraordinary and global catastrophe. There was enormous uncertainty as well as concern. We went through a challenging year, but we're all standing here together, happy, without masks, wishing success with a handshake and a hug. And it is all thanks to science and scientists. While the crisis is not entirely over, and some places in the world have not yet returned to routine life, they are nonetheless on the way.

In recent months we experienced in Israel some uncalled-for events of violence, racism, exclusion of various population groups, and separatism. Remember that science is a unifying force and brings people closer together. We work together regardless of gender, religion, race, or nationality. We work together while taking maximum advantage of the intellectual resources at our disposal, out of curiosity and solving problems, and expanding our knowledge and understanding of nature. Indeed, just look at the vast diversity among you, our graduates, and we all conduct research together. This is a most precious value that we must do everything to preserve, and I hope it will accompany you in the future.

I will end by thanking and congratulating your families, the parents, spouses, and children who supported you through ups and downs, and today reap the reward.

Continue to grow and prosper!

Prof. Daniella Goldfarb

Yael Goren-Wegman
Executive Director
Israeli Friends Association
& Alumni Organization
Weizmann Institute of Science

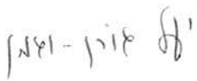
Dear graduates,

On behalf of the Alumni Organization, I would like to welcome you to the alumni community of the Weizmann Institute of Science. By choosing to pursue an advanced science degree at Weizmann, you followed your passion and curiosity and demonstrated a true commitment to conduct research to the benefit of humanity.

This year, the COVID vaccines have enabled us to meet face to face to celebrate your graduation in a festive event thanks to years of dedicated work of scientists who continue to work tirelessly to find solutions that allow a pandemic life routine. As young scientists, from now on, you will be taking part in the efforts to harness technology and innovation to help the world cope with such local and global challenges.

Our lifetime connections with our graduates have become a tradition of the Weizmann family, and we encourage you to keep in touch with us and let us be part of your professional journey. The Alumni Organization holds face-to-face and online activities, and we will be happy to hear about your experience and facilitate your networking. By connecting to our exclusive alumni platforms, you can interact with fellow graduates working in various Israeli and international companies and attend career-related lectures and events. To benefit from our resources, you can access our LinkedIn, Facebook, and Instagram pages. The Weizmann experience opens numerous doors and paths for further research, innovation, and entrepreneurship, and we wish you success and fulfillment in your professional life, whether in academia, in the industry, or at the intersection of the two. As Weizmann graduates, you will always be part of a leading community that plays a vital role in promoting our values and paving the way to the success of the next Weizmann generations.

Every discovery begins with curiosity, questions, and doubts. This is the foundation of scientific research, and it is here that your journey begins. May it be interesting and fulfilling!



Yael Goren-Wegman

Justice Esther Hayut
President of the Supreme Court of Israel

Excerpts from the speech of Justice Esther Hayut, President of the Supreme Court

President of the Weizmann Institute of Science, Prof. Alon Chen
Dean of the Feinberg Graduate School, Prof. Gilad Perez
Prof. Daniella Goldfarb, Chairperson of the Scientific Council
New Master's degree and doctoral degree graduates and their families

Dear guests,

A ceremony in which degrees and prizes are awarded to outstanding students is always a source of pride, all the more so a ceremony granting advanced degrees in the sciences. I am happy to have been given the opportunity to stand here today and congratulate all of you for this significant achievement: to congratulate the graduates – for the effort and its results, for the joy of study and research; the faculty members – for the ability to be at the students' disposal and develop their curiosity for research; and the families – for the encouragement and support you provided, which were certainly needed throughout the long journey.

As a jurist meeting scientists, I will devote a few words to the concept of proof, which exists in the semantic fields of both the world of science and the world of law, often causing confusion and raising questions. What are the similarities between a legal proof, which determines that a particular action caused a particular outcome, and a scientific proof, which on its face makes a similar determination?

Prof. Doron Menashe from the Faculty of Law at Haifa University, who specializes in the theory of evidence law, points to the similarities between legal proof and the proof required in a scientific explanation: for both the world of empirical phenomena is the object of the inquiry; both use inductive methods, which cannot provide absolute certainty given that a question will always remain regarding the next experiment that might would yield a different result; and both are not satisfied with statistical correlation between phenomena, and demand an explanation of the causative mechanism – how x caused the result y.

On the other hand, there are significant differences that blur, to a large extent, the similarities between scientific explanation and legal proof. I will mention a few: the scientific explanation is typically forward-looking, while legal proof is usually backward-looking. The scientific explanation is supposed to be testable and refutable, while legal proof – which concerns a specific case – has no external criterion apart from the fact-finding process given the case at hand. Legal proof requires arriving at the factor to which a relevant legal norm may be applied. For example, it will be sufficient to reveal whether it was the insured himself who started the fire in the burned-down asset, and there will be no need to search for more remote causes along the causative chain. A scientific explanation, on the other hand, may go as far back as the "wings of a butterfly" on the other side of the world. The striking difference, in my opinion, is that the scientific explanation seeks to be as general as possible, whereas legal proof is usually a diagnostic method that seeks to distinguish the behavior brought before the court. In this sense, legal proof is more akin to a clinical diagnosis in the life sciences. Much in the same way as a physician examining a unique case and trying to find the causes of the disease and the suitable treatment, the judge examines the concrete case, identifies the causes of the wrongdoing or breach of norm, and endeavors to apply the appropriate relief. Jurists sometimes call this relief a "remedy". For

example, in Contracts Law (Remedies for Breach of Contract). It is interesting to note that Maimonides also compared the role of the judge to that of the physician, in the introduction to his commentary on the Mishnah, where he says: "In essence the judge must be like the expert physician", and he stated that the judge must diagnose the case and find the appropriate way to handle every legal dispute brought before him.

...

This past year, "the COVID year", taught us a great deal about the dividing line between science and law, and about the role of science in the process of making crucial policy decisions from a slightly different angle. I would like to take us all back to March 2020. The new virus had breached the country's borders, and little was known about it. What are the symptoms? What is the mortality rate? Does a mask provide adequate protection? How long can the virus survive in the air or on surfaces?

Even though at that stage we had mainly question marks, the State of Israel decided to adopt a strategy of precautionary principles and to place itself under lockdown. The education system was shut down, flights were suspended, and even leaving the house was restricted – and all the while the Israel Security Agency ("Shabak") used the tools and capabilities at its disposal to trace the contacts of infected persons.

Against this backdrop, various individuals and organizations filed petitions with the Supreme Court, claiming that the "lockdown" policy disproportionately and unreasonably infringed on their rights. The State, on its part, presented an epidemiological opinion paper produced by the Ministry of Health, on which it had relied when imposing various restrictions on individual rights.

Precedents guide us, judges, to respect and assign great weight to the opinions of professionals in the executive branch, such that the threshold that must be crossed in order to justify judicial intervention in a policy decision based on scientific-professional considerations is very high. The role of the judiciary is to make sure that the boundaries of the decision-making process are maintained: to verify that the decision was indeed based on pertinent considerations and an appropriate factual basis; that it is intended for a proper purpose; and that the harm to human rights does not exceed that which is required under the circumstances (proportionality).

When a court reviews a policy decision based on scientific considerations, it must carry out a complex and delicate balancing act, which sometimes has repercussions for human lives. We judges had to work under the assumption that the extent of the danger posed by the coronavirus could not be proven unequivocally with an indisputable opinion, but neither could it be refuted. However, refusing to make a decision – one way or another – was not an option we had before us, due to the nature and role of the Court as an entity that must decide and rule on the issue brought before it.

Indeed, quite a lot of legal activity took place in the corridors of the Supreme Court this year, but the heroes of the day in this COVID crisis are, without a doubt, the scientists and medical personnel in Israel and throughout the world. They were the ones who worked around the clock, racing against it, this past year, and it is largely thanks to them and to general scientific knowledge accumulated over many years that we are able to stand here today at this well-attended ceremony, without masks, and to say the "Shehecheyanu" blessing: to thank "who has granted us life, and sustained us, and allowed us to arrive at this time".

And no, what I have just said is not a scientific explanation, nor is it a legal ruling: it is simply an expression of gratitude and appreciation for all that you have done, and will do, in the future.

I wish you all the best!

Dr. Uri Aviram
On behalf of the graduates

Science unites us as humanity.

Is this the reason we engage in science? No. We do it because it is enjoyable. After all, it intrigues us because it challenges us. Except when things don't succeed. Which is 95% of the time. But when they do – wow! I remember my advisor and me sitting one evening in front of the system we had built and seeing for the first time the signal we had looked for and expected for so long. We are the first people in the world to see this signal. We look at each other and smile. Lucky for us, this thing that we so enjoy doing – sometimes also has a positive impact. Whether building the foundation for advanced technologies or new medicines or expanding human knowledge and understanding of the world. And all the same, science unites us as humanity.

When I completed active duty and began my studies, this was a very significant change for me, and I felt that one of two is most likely true: either sane reality is excruciating and academia is just an insane bubble, detached from reality; or the opposite is true, and academia is an island of sanity in a sea of insane reality. I would like to believe that the second possibility is true.

Now more than ever, the world needs a unifying narrative – and science can provide just such a narrative. Scientific cooperation between different countries across the globe, between people from different backgrounds and with different beliefs, takes place daily. Science does not distinguish between religion, race, sexual orientation, or skin color. It is based on observation and logic. True, logic may suffice for the mathematicians among us, but most of us also need observations. The unique experience of conducting research with people from all over the world is a genuine source of hope for me.

Overall, the Weizmann Institute is quite a wondrous place. It produces extraordinary science of uncompromising quality. And everything here is just as it should be. For everything to be as it should be, many people must do excellent work and put their souls into it. We, the graduates, would like to thank everyone responsible for this. The fantastic administrative teams in the faculties; the excellent staff of the Feinberg Graduate School that does everything for the students; the lecturers, who it was evident wanted us to understand (although that didn't always succeed), and contrary to the warnings I heard at home, they never gave me the feeling that I was interfering with their research; our advisors, who often, in addition to their scientific guidance, also gave us invaluable personal guidance; and the cleaning staff and the employees in the various support areas, whose efforts most often go unseen by the students, but their results are discernable in the Institute.

We would also like to thank our parents, who, when raising us, gave us the freedom to think for ourselves and thus ultimately made it possible for us to come here. Our spouses, who forgave us when we disappeared in the evening because the helium was running out and we had to complete another measurement or because the mice needed us. Our school teachers, and particularly that teacher who impacted us.

True, the Earth is just a tiny bump in an infinite void, but this is our little bump, and we must protect it. The challenges we face are more significant than ever, and science is the only way forward – one step at a time. As scientists, we take part in realizing our generation's responsibility to future generations.

In summary, I will quote Niels Bohr: "An expert is a person who has made all the mistakes that can be made in a very narrow field." Going by this definition, I am proud to be an expert.

Thank you!

Prizes for outstanding PhD students

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 John F. Kennedy.

Mr. Ilia Tutunnikov

Advisors: Prof. Ilya Averbukh and
Prof. Yehiam Prior, Department of Chemical and Biological Physics

Ms. Adi Millman

Advisor: Prof. Rotem Sorek, Department of Molecular Genetics

Ms. Yaara Finkel

Advisor: Dr. Noam Stern-Ginossar, Department of Molecular Genetics

Dr. Assaf Shocher

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

Mr. Adar Sharon

Advisors: Prof. Zohar Komargodski and Prof. Micha Berkooz, Department of Particle Physics and Astrophysics

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. Ayelet Julie Uzan

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

Dr. Mihajlo Novakovic

Advisor: Prof. Lucio Frydman, Department of Chemical and Biological Physics

The Prof. Israel Dostrovsky Memorial Prize

The Weizmann Institute of Science and the Israel Atomic Energy Commission jointly award an annual prize for excellence in memory of Prof. Israel Dostrovsky who served as the Director of the IARC and as the 5th President of the Weizmann Institute of Science.

Dr. Ran Finkelstein

Advisors: Dr. Ofer Firstenberg and
Prof. Barak Dayan, Department of Physics of Complex Systems

Mr. Jonathan Shlomi

Advisor: Prof. Eilam Gross, Department of Particle Physics and Astrophysics

Mr. Lavi Bigman

Advisor: Prof. Koby Levy, Department of Chemical and Structural Biology

The Ruth and Prof. Abraham (Edek) Blaugrund Prize

After joining the Weizmann Institute in the 1950's, 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.

Mr. Simon Mahler

Advisors: Prof. Nir Davidson and
Prof. Asher A. Friesem, Department of Physics of Complex Systems

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.

Ms. Gil Schwarts

Advisors: Prof. Abraham Arcavi and
Dr. Ronnie Karsenty, Department of Science Teaching

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. Alon Nissan

Advisor: Prof. Brian Berkowitz, Department of Earth and Planetary Sciences

Prizes for outstanding PhD students

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. Maxim Varenik

Advisor: Prof. Igor Lubomirsky, Department of Molecular Chemistry and Materials Science

Dr. Alla Aharonov

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

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.

Mr. Gili Rosenberg

Advisor: Dr. Roi Avrahamt, Department of Biological Regulation

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.

Ms. Chen Eitan

Advisor: Prof. Eran Hornstein, Department of Molecular Genetics

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. Noa Gil

Advisor: Prof. Igor Ulitsky, Department of Biological Regulation

The Lady Anne Chain Memorial Prize

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

Mr. Miguel Angel Garcia Campos

Advisor: Dr. Schraga Schwartz, Department of Molecular Genetics

The Esther Hellinger Memorial Prize

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

Dr. Zhana Haimon

Advisor: Prof. Steffen Jung, Department of Immunology

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.

Dr. Lea Ankri

Advisor: Dr. Michal Rivlin, Department of Neurobiology

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.

Ms. Michal Shavit

Advisor: Prof. Gregory Falkovich, Department of Physics of Complex Systems

Prizes for outstanding MSc students

The Lonia and Jose Roth Memorial Prize

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

Dr. Hagar Meltzer

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

The Susan Sapir Memorial Prize for MSc students

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

Ms. Anna Uzonyi

Advisors: Dr. Schraga Schwartz and
Dr. Yonatan Stelzer, Department of Molecular Genetics

Mr. Rotem Assouline

Advisor: Prof. Boaz Binyamin Klartag, Department of Mathematics

The Dean's Prize for outstanding MSc students

Mr. Yarden Ariav

Advisor: Prof. Erez Ayelet, Department of Biological Regulation

Mr. Daniel Deitch

Advisor: Dr. Yaniv Ziv, Department of Neurobiology

Mr. Or Hadas

Advisor: Prof. Yohai Kaspi, Department of Earth and Planetary Sciences

Mr. Paul Vollrath

Advisor: Prof. Tsachik Gelander, Department of Mathematics

Mr. Snir Meiri

Advisor: Dr. Efi Efrati, Department of Physics of Complex Systems

Mr. Eran Sandman

Advisor: Prof. Elior (Ori) Peles, Department of Molecular Cell Biology

Ms. Batsheva Frankel Rozman

Advisor: Dr. Noam Stern-Ginossar, Department of Molecular Genetics

Ms. Naama Zung

Advisor: Prof. Maya Schuldiner, Department of Molecular Genetics

Mr. Yotam Ruet

Advisor: Prof. Haim Beidenkopf, Department of Condensed Matter Physics

Ms. Shiri Ron

Advisor: Prof. Shahar Dobzinski, Department of Computer Science and Applied Mathematics

Mr. David Schwerdt

Advisor: Prof. Roee Ozeri, Department of C Physics of Complex Systems

Competitive Fellowships

For outstanding PhD students

Clore Scholars Program

Adams Fellowships Program

Azrieli Fellows program

Ariane de Rothschild Fellowship Program for Women

Israel Ministry of Science and Technology Fellowship Program

Israel Council for Higher Education and the Planning and Budgeting Committee Fellowship programs

Competitive Fellowships

For outstanding MSc students

David Lopatie Fellows Program

Israel Council for Higher Education and the Planning and Budgeting Committee Fellowship programs

PhD Recipients

Dr. Ariel Abrashkin
Dr. Alla Aharonov
Dr. Tal Amir
Dr. Lea Ankri
Dr. Sergey Anpilov
Dr. Iris Aviezer
Dr. Chen Avinadav
Dr. Rona Aviram
Dr. Asaf Bar-Yosef
Dr. Jonathan Bayerl
Dr. Lihi Ben-Reuven
Dr. Orly Ben-Yacov Naaman
Dr. Adi Biram
Dr. Ilya Bronshtein
Dr. Giuseppe Cimicata
Dr. Avi Cohen
Dr. Ayala Cohen
Dr. Unnikannan CP
Dr. Elya Dekel
Dr. Fanindra Kumar Deshmukh
Dr. Eran Erdal
Dr. Amanda Lydia Farack
Dr. Ran Finkelstein
Dr. Nelly Frenkel
Dr. Gil Friedman
Dr. Noam Ganot
Dr. Diana Gataulin
Dr. Guy Gaziv
Dr. Omri Golan
Dr. Omri Goldberg
Dr. Liron Zipora Gruber
Dr. Nil Grunberg
Dr. Gabriel Guendelman
Dr. Zhana Haimon
Dr. Noam Kadouri
Dr. Keren Kahil Guterman
Dr. Omer Karin
Dr. Israel Kellersztein
Dr. Jung-Seok Kim
Dr. Shimon Kogan
Dr. Ilia Korobko
Dr. Stav Kozlovski
Dr. Gat Krieger
Dr. Shiri Kult Perry
Dr. Zipora Lansky
Dr. Lior Lasman
Dr. Ron Lev
Dr. Hila Levi
Dr. Pankaj Maity
Dr. Rakia Manela
Dr. Reut Mashiach
Dr. Alice Mett
Dr. Eva Mishor
Dr. Orel Mizrahi
Dr. Michael Mullokandov
Dr. Angelica Niazov-Elkan
Dr. Alon Nissan
Dr. Asaf Nissenbaum
Dr. Yitzhak Norman
Dr. Ashish Noronha
Dr. Mihajlo Novakovic
Dr. Gal Ofir
Dr. Yasmin Onikul Geiger
Dr. Alexey Onikul Kulpanovich
Dr. Sivan Pinto
Dr. Alexandra Polyansky
Dr. Aharon Ravia
Dr. Revital Ravid
Dr. Anna Rivkin
Dr. Francesco Roncato
Dr. Yuval Rosenberg
Dr. Amnon Rothman
Dr. Asaf Rozen
Dr. Shaked Rozen
Dr. Dvir Schirman
Dr. Urmila Sehrawat
Dr. Guy Shalem
Dr. Moran Shalev
Dr. Shlomit Sharoni
Dr. Adva Shemi
Dr. Aya Shkedy
Dr. Miri Shnayder
Dr. Assaf Shocher
Dr. Amit Shraga
Dr. Ronit Shusterman-Krush
Dr. Odelia Sibony-Nevo
Dr. Rakefet Sidlik Muskatel
Dr. Aviram Steinbok
Dr. Nirit Sukenik
Dr. Nitai Sylvetsky
Dr. Julie Tai-Schmiedel
Dr. Ido Toren
Dr. Ohad Trabelsi
Dr. Amos Tuval
Dr. Aviram Uri
Dr. Osnat Volovyk
Dr. Michal Walter (Shevach)
Dr. Felix Wiggers
Dr. Qiang Wen
Dr. Gal Winer
Dr. Dahvyd Wing
Dr. Dimitry Yankelev
Dr. Eran Yanowski
Dr. Daniel Zaidman
Dr. Binyamin Zuckerman

ד"ר רונה אבירם
Dr. Rona Aviram

המחלקה למדעים ביומולקולריים
בהדרכת פרופ' גד אשר

Department of Biomolecular Sciences
Advisor: Prof. Gad Asher

Thesis:
Circadian rhythms and metabolism: Unconventional oscillations alternative clocks

ד"ר איריס אביעזר
Dr. Iris Aviezer

המחלקה למדעי הצמח והסביבה
בהדרכת פרופ' יובל אשד

Department of Plant and Environmental Sciences
Advisor: Prof. Yuval Eshed

Thesis:
Parallel floral promoting pathways act through MADS-box genes to promote tomato meristem maturation

ד"ר חן אבינדב
Dr. Chen Avinadav

המחלקה לפיסיקה של מערכות מורכבות
בהדרכת ד"ר עופר פירסטנברג
פרופ' ניר דודזון

Department of Physics of Complex Systems
Advisors: Dr. Ofer Firstenberg
Prof. Nir Davidson

Thesis:
Improving the dynamic range and stability of acceleration and rotation sensing atom interferometers

ד"ר יסמין אוניקול גייגר
Dr. Yasmin Onikul Geiger

המחלקה לפיסיקה כימית וביולוגית
בהדרכת ד"ר אסף טל

Department of Chemical and Biological Physics
Advisor: Dr. Assaf Tal

Thesis:
The metabolic correlates of motor learning

ד"ר אלה אהרונוב
Dr. Alla Aharonov

המחלקה לביולוגיה מולקולרית של התא
בהדרכת פרופ' אלדד צחור

Department of Molecular Cell Biology
Advisor: Prof. Eldad Tzahor

Thesis:
ERBB2 drives YAP activation and EMT-like processes during cardiac regeneration

ד"ר אריאל אברשקין
Dr. Ariel Abrashkin

המחלקה להוראת המדעים
בהדרכת פרופ' עידית ירושלמי
פרופ' שמואל שפרן

Department of Science Teaching
Advisors: Prof. Edit Yerushalmi
Prof. Sam Safran

Thesis:
Statistical thermodynamics - Research-based development of a curricular unit in an interdisciplinary computational science program

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ד"ר אבירם אורי
Dr. Aviram Uri

המחלקה לפיסיקה של חומר מעובה
בהדרכת פרופ' אלי זלדוב

Department of Condensed Matter Physics
Advisor: Prof. Eli Zeldov

Thesis:
Nanoscale imaging of Landau levels and of the magnetoelectric effects in quantum two-dimensional systems

ד"ר גל אופיר
Dr. Gal Ofir

המחלקה לגנטיקה מולקולרית
בהדרכת פרופ' רותם שורק

Department of Molecular Genetics
Advisor: Prof. Rotem Sorek

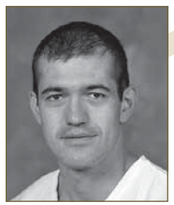
Thesis:
Discovery and characterization of novel bacterial anti-phage defense systems - between innovation and conservation

ד"ר אלכסיי אוניקול קולפנוביץ'
Dr. Alexey Onikul Kulpanovich

המחלקה לפיסיקה כימית וביולוגית
בהדרכת ד"ר אסף טל

Department of Chemical and Biological Physics
Advisor: Dr. Assaf Tal

Thesis:
Magnetic resonance spectroscopic fingerprinting



ד"ר סרגיי אנפילוב
Dr. Sergey Anpilov

המחלקה לנוירוביולוגיה
בהדרכת פרופ' אלון חן

Department of Neurobiology
Advisor: Prof. Alon Chen

Thesis:
The oxytocin system in regulation of social behavior: New insights from a semi-ethological approach

ד"ר טל אמיר
Dr. Tal Amir

המחלקה למדעי המחשב ומתמטיקה שימושית
בהדרכת פרופ' בועז נדלר

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

Thesis:
Contributions to sparse optimization

ד"ר אנז'ליקה אלקן
Dr. Angelica Niazov-Elkan

המחלקה לכימיה אורגנית
בהדרכת פרופ' בוריס ריבצ'ינסקי

Department of Organic Chemistry
Advisor: Prof. Boris Rybtchinski

Thesis:
Self-assembled materials based on organic nanocrystals (ONCs) and their hybrids

ד"ר ג'ונתן ביירל
Dr. Jonathan Bayerl

המחלקה לגנטיקה מולקולרית
בהדרכת פרופ' יעקב חנא

Department of Molecular Genetics
Advisor: Prof. Jacob (Yaqub) Hanna

Thesis:
Defining the molecular and functional foundations of novel human naive pluripotent stem cells

ד"ר ערן ארדל
Dr. Eran Erdal

המחלקה לפיסיקה של חלקיקים ואסטרופיסיקה
בהדרכת פרופ' עמוס ברסקין
ד"ר שקמה ברסלר

Department of Particle Physics and Astrophysics
Advisor: Prof. Amos Breskin
Dr. Shikma Bressler

Thesis:
Development of novel concepts of noble-liquid detectors for rare-event searches

ד"ר לאה אנקרי
Dr. Lea Ankri

המחלקה לנוירוביולוגיה
בהדרכת ד"ר מיכל ריבלין

Department of Neurobiology
Advisor: Dr. Michal Rivlin

Thesis:
Coding in the ever-changing world: A mechanistic view of retinal dynamic computation of motion

ד"ר ל'יהי בן-ראובן
Dr. Lihi Ben-Reuven

המחלקה לגנטיקה מולקולרית
בהדרכת פרופ' אורלי ריינר

Department of Molecular Genetics
Advisor: Prof. Orly Reiner

Thesis:
Models of brain development describing the dynamics of embryonic progenitors and the production of neurons

ד"ר אורלי בן-יעקב נעמן
Dr. Orly Ben-Yacov Naaman

המחלקה למדעי המחשב ומתמטיקה שימושית
בהדרכת פרופ' ערן סגל

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

Thesis:
Personalized nutrition for normalizing blood glucose levels by prediction of postprandial glucose responses

ד"ר עדי בירם
Dr. Adi Biram

המחלקה לאימונולוגיה
בהדרכת ד"ר זיו שולמן

Department of Immunology
Advisor: Dr. Ziv Shulman

Thesis:
Antibody-mediated immune responses in the small intestine

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ד"ר עמרי גולדברג
Dr. Omri Goldberg

המחלקה לחומרים ופני שטח
בהדרכת פרופ' דניאל וגנר

Department of Materials and Interfaces
Advisor: Prof. Daniel Wagner

Thesis:
Controlled reinforcement of short-fiber composites by magnetic fields

ד"ר אסף בר-יוסף
Dr. Asaf Bar-Yosef

המחלקה להוראת המדעים
בהדרכת פרופ' בת-שבע אלון

Department of Science Teaching
Advisor: Prof. Bat-Sheva Eylon

Thesis:
Promoting Personalized Teaching and Learning of Physics accompanied by a digital environment (PeTeL)

ד"ר אילייה ברונשטיין
Dr. Ilya Bronshtein

המחלקה לכימיה מולקולרית ומדע החומרים
בהדרכת פרופ' בוריס ריבצ'ינסקי

Department of Molecular Chemistry and Materials Science
Advisor: Prof. Boris Rybtchinski

Thesis:
Organic crystallization in polymer matrices: Mechanism and control

ד"ר דיאנה גטאולין
Dr. Diana Gataulin

המחלקה למדעים ביומולקולריים
בהדרכת פרופ' איתן ראובני

Department of Biomolecular Sciences
Advisor: Prof. Eitan Reuveny

Thesis:
The physiological role of store-operated calcium entry regulatory factor (SARAF)

ד"ר גיא גזיב
Dr. Guy Gaziv

המחלקה למדעי המחשב ומתמטיקה שימושית
בהדרכת פרופ' מיכל אירני

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

Thesis:
Decoding visual experience from brain activity

ד"ר עמרי גולן
Dr. Omri Golan

המחלקה לפיסיקה של חומר מעובה
בהדרכת פרופ' עדי שטרן

Department of Condensed Matter Physics
Advisor: Prof. Ady Stern

Thesis:
Geometric and computational aspects of chiral topological quantum matter

ד"ר לירון ציפורה גרובר
Dr. Liron Zipora Gruber

המחלקה לנוירוביולוגיה
בהדרכת פרופ' אהוד אחישר

Department of Neurobiology
Advisor: Prof. Ehud Ahissar

Thesis:
Between human and computer vision : Motor-sensory ocular dynamics

ד"ר נועם גנות
Dr. Noam Ganot

המחלקה לפיסיקה של חלקיקים
ואסטרופיסיקה
בהדרכת פרופ' אבישי גל-ים

Department of Particle Physics and Astrophysics
Advisor: Prof. Avishay Gal-Yam

Thesis:
Near ultra-violet supernova early light curves: Observations detection rates and measurement of the progenitor and the explosion parameters

ד"ר גבריאל גנדלמן
Dr. Gabriel Guendelman

המחלקה לפיסיקה כימית וביולוגית
בהדרכת פרופ' ברק דיין

Department of Chemical and Biological Physics
Advisor: Prof. Barak Dayan

Thesis:
New platforms and Methods for cavity-QED with single atoms

ד"ר פנינדרה קומר דשמוק
Dr. Fanindra Kumar Deshmukh

המחלקה למדעים ביומולקולריים
בהדרכת פרופ' מיכל שרון

Department of Biomolecular Sciences
Advisor: Prof. Michal Sharon

Thesis:
Insights on the regulation of 20S proteasome mediated degradation

ד"ר אליה דקל
Dr. Elya Dekel

המחלקה למדעים ביומולקולריים
בהדרכת ד"ר נטע רגב-רוצקי

Department of Biomolecular Sciences
Advisor: Dr. Neta Regev-Rudzki

Thesis:
Investigating red blood cell host alteration by the malaria parasite Plasmodium falciparum via secreted extracellular vesicles

ד"ר ניל גרונברג
Dr. Nil Grunberg

המחלקה למדעים ביומולקולריים
בהדרכת ד"ר רות שרץ-שובל

Department of Biomolecular Sciences
Advisor: Dr. Ruth Scherz-Shouval

Thesis:
Cancer-associated fibroblasts promote aggressive gastric cancer phenotypes via Heat Shock Factor 1 mediated secretion of extracellular vesicles

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ד"ר קיאנג וון
Dr. Qiang Wen

המחלקה לכימיה מולקולרית ומדע החומרים
בהדרכת פרופ' מילקו אריק ואן דר בום

Department of Molecular Chemistry and Materials Science
Advisor: Prof. Milko E. Van Der Boom

Thesis:
Crystal engineering of chiral metal-organic structures

ד"ר אוסנת וולוביק
Dr. Osnat Volovyk

המחלקה לפיסיקה כימית וביולוגית
בהדרכת ד"ר אסף טל

Department of Chemical and Biological Physics
Advisor: Dr. Assaf Tal

Thesis:
Neurochemical changes associated with brain activation and neuroplasticity

ד"ר דוד ווינג
Dr. Dahvyd Wing

המחלקה לחומרים ופני שטח
בהדרכת פרופ' ליאור קרוניק

Department of Materials and Interfaces
Advisor: Prof. Leeor Kronik

Thesis:
Extending the range-separated hybrid functional approach to inorganic crystalline materials

ד"ר מיכל ולטר (שבח)
Dr. Michal Walter (Shevach)

המחלקה להוראת המדעים
בהדרכת פרופ' בת-שבע אלון

Department of Science Teaching
Advisor: Prof. Bat-Sheva Eylon

Thesis:
Promoting "Learning Centered" considerations within a community of Physics teacher leaders through collaborative lesson planning

ד"ר גל וינר
Dr. Gal Winer

המחלקה לפיסיקה של מערכות מורכבות
בהדרכת ד"ר עופר פירסטנברג

Department of Physics of Complex Systems
Advisor: Dr. Ofer Firstenberg

Thesis:
Quantum and nonlinear optics in quasi-one-dimensional systems

ד"ר פליקס ויגרס
Dr. Felix Wiggers

המחלקה לביולוגיה מבנית
בהדרכת ד"ר הגן הופמן

Department of Structural Biology
Advisor: Dr. Hagen Hofmann

Thesis:
Single-Molecule analysis of the E-cadherin/beta-catenin interaction

ד"ר ג'ולי טאי-שמידל
Dr. Julie Tai-Schmiedel

המחלקה לגנטיקה מולקולרית
בהדרכת ד"ר נעם שטרן-גינוסר

Department of Molecular Genetics
Advisor: Dr. Noam Stern-Ginossar

Thesis:
A systematic view on influenza induced host shutoff and Human cytomegalovirus long noncoding RNA4.9 regulates viral DNA replication

ד"ר ז'אנה חימון
Dr. Zhana Haimon

המחלקה לאימונולוגיה
בהדרכת פרופ' סטפן יונג

Department of Immunology
Advisor: Prof. Steffen Jung

Thesis:
Microglia translatome analysis in steady state and in a murine relapsing-remitting model of multiple sclerosis

ד"ר דניאל זיידמן
Dr. Daniel Zaidman

המחלקה לביולוגיה מבנית וכימית
בהדרכת ד"ר ניר לונדון

Department of Chemical and Structural Biology
Advisor: Dr. Nir London

Thesis:
Computational protocols for the design of next generation chemical tools

ד"ר דימיטרי ינקלב
Dr. Dimitry Yankelev

המחלקה לפיסיקה של מערכות מורכבות
בהדרכת ד"ר עופר פירסטנברג
פרופ' ניר דודזון

Department of Physics of Complex Systems
Advisor: Dr. Ofer Firstenberg
Prof. Nir Davidson

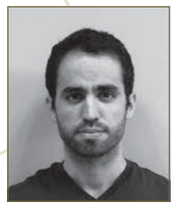
Thesis:
Atom interferometry with improved sensitivity stability and dynamic range

ד"ר ערן ינובסקי
Dr. Eran Yanowski

המחלקה לגנטיקה מולקולרית
בהדרכת פרופ' ערן הורנשטיין

Department of Molecular Genetics
Advisor: Prof. Eran Hornstein

Thesis:
Physically interacting beta-delta pairs in the regenerating pancreas revealed by single-cell sequencing



ד"ר אוהד טרבלסי
Dr. Ohad Trabelsi

המחלקה למדעי המחשב ומתמטיקה שימושית
בהדרכת פרופ' רוברט קראוטגמר
פרופ' עדן כלמטץ'

Department of Computer Science and Applied Mathematics
Advisors: Prof. Robert Krauthgamer
Prof. Eden Chlamtac

Thesis:
Algorithms and lower bounds for all-pairs Max-Flow

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ד"ר אילה כהן
Dr. Ayala Cohen

המחלקה לחומרים ופני שטח
בהדרכת פרופ' ליאור קרוניק

Department of Materials and Interfaces
Advisor: Prof. Leeor Kronik

Thesis:
A first principles perspective on stability dynamics and defect chemistry in halide perovskites

ד"ר אבי כהן
Dr. Avi Cohen

המחלקה למדעי המחשב ומתמטיקה שימושית
בהדרכת פרופ' דוד פלג

Department of Computer Science and Applied Mathematics
Advisor: Prof. David Peleg

Thesis:
Unique equilibria under uncertainty in games of network formation and facility location

ד"ר נעם כדורי
Dr. Noam Kadouri

המחלקה לאימונולוגיה
בהדרכת פרופ' יעקב אברמסון

Department of Immunology
Advisor: Prof. Jakub Abramson

Thesis:
Delineation of molecular mechanisms controlling the developmental program of thymic epithelial cells (TEC)

ד"ר צ'יפורה לנסקי
Dr. Zipora Lansky

המחלקה לביולוגיה מבנית וכימית
בהדרכת פרופ' דבורה פאס

Department of Chemical and Structural Biology
Advisor: Prof. Deborah Fass

Thesis:
3D visualization of naturally assembled ECM through cryo scanning transmission electron tomography

ד"ר הילה לוי
Dr. Hila Levi

המחלקה למדעי המחשב ומתמטיקה שימושית
בהדרכת פרופ' שמעון אולמן

Department of Computer Science and Applied Mathematics
Advisor: Prof. Shimon Ullman

Thesis:
Combining bottom-up and top-down computations towards full image interpretation

ד"ר רון לב
Dr. Ron Lev

המחלקה להיחידה לארכיאולוגיה מדעית
בהדרכת פרופ' אליזבטה בוארטו

Department of Scientific Archeology Unit
Advisor: Prof. Elisabetta Boaretto

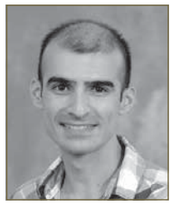
Thesis:
Absolute chronology for the Intermediate Bronze culture in the Southern Levant

ד"ר אוראל מזרחי
Dr. Orel Mizrahi

המחלקה לגנטיקה מולקולרית
בהדרכת ד"ר נעם שטרן-גינוסר

Department of Molecular Genetics
Advisor: Dr. Noam Stern-Ginossar

Thesis:
Unravelling cis-regulatory elements by mapping dynamic and stable structures in RNA



ד"ר מיכאל מולוקנדוב
Dr. Michael Mullokandov

המחלקה לבקרה ביולוגית
בהדרכת פרופ' איתן גרוס

Department of Biological Regulation
Advisor: Prof. Atan Gross

Thesis:
The role of MTCH2 in quiescent HSCs and its potential as a therapeutic target in AML

ד"ר ליאור לסמן
Dr. Lior Lasman

המחלקה לגנטיקה מולקולרית
בהדרכת פרופ' יעקב חנא

Department of Molecular Genetics
Advisor: Prof. Jacob (Yaqub) Hanna

Thesis:
The role of m6A RNA modification reader proteins Ythdf1 Ythdf2 and Ythdf3 in mRNA metabolism ESC differentiation and development

ד"ר אוה מישור
Dr. Eva Mishor

המחלקה לנוירוביולוגיה
בהדרכת פרופ' נעם סובל
פרופ' טלי קמחי

Department of Neurobiology
Advisor: Prof. Noam Sobel
Prof. Tali Kimchi

Thesis:
Chemosignals are a form of human social communication

ד"ר 'פנקאג מייטי
Dr. Pankaj Maity

המחלקה לכימיה אורגנית
בהדרכת פרופ' רפאל קליין

Department of Organic Chemistry
Advisor: Prof. Rafal Klajn

Thesis:
Light-induced self-assembly of nanoparticles and its applications

ד"ר אליסה מט
Dr. Alice Mett

המחלקה למדעים ביומולקולריים
בהדרכת פרופ' איתן ראובני

Department of
Advisor: Prof. Eitan Reuveny

Thesis:
Investigating heteromultimerization of GIRK1 channel with members of the KIR family and characterizing YFP-GIRK1 and GIRK1-/- mice from behavioral biochemical and physiological point of view

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ד"ר מיכאלו נובקוביץ'
Dr. Mihajlo Novakovic

המחלקה לפיסיקה כימית וביולוגית
בהדרכת פרופ' לוסיו פרידמן

Department of Chemical and Biological Physics
Advisor: Prof. Lucio Frydman

Thesis:
Sensitivity-enhanced NMR experiments aimed at fast exchanging and fast relaxing sites: Physical principles and applications to proteins nucleic acids and polysaccharides

ד"ר רעות משיח
Dr. Reut Mashiach

המחלקה לכימיה מולקולרית ומדע החומרים
בהדרכת ד"ר אמנון בר שיר

Department of Molecular Chemistry and Materials Science
Advisor: Dr. Amnon Bar Shir

Thesis:
Mechanistic insight into the design and use of inorganic nanofluorides for 19F-magnetic resonance spectroscopy and imaging

ד"ר רקיע מנלה
Dr. Rakia Manela

המחלקה לפיסיקה כימית וביולוגית
בהדרכת פרופ' גלעד הרן

Department of Chemical and Biological Physics
Advisor: Prof. Gilad Haran

Thesis:
Studies of protein dynamics using single molecule FRET spectroscopy

ד"ר אלון ניסן
Dr. Alon Nissan

המחלקה למדעי כדור הארץ וכוכבי הלכת
בהדרכת פרופ' בריאן ברקוביץ

Department of Earth and Planetary Sciences
Advisor: Prof. Brian Berkowitz

Thesis:
Dynamics of velocity-field fluctuations on chemical transport and reactions in porous media

ד"ר יצחק נורמן
Dr. Yitzhak Norman

המחלקה לנוירוביולוגיה
בהדרכת פרופ' רפאל מלאך

Department of Neurobiology
Advisor: Prof. Rafael Malach

Thesis:
The Cortical-Hippocampal interplay during episodic memory retrieval in humans

ד"ר אשיש נורונהה
Dr. Ashish Noronha

המחלקה לבקרה ביולוגית
בהדרכת פרופ' יוסף ירדן

Department of Biological Regulation
Advisor: Prof. Yosef Yarden

Thesis:
AXL-dependent regulation of adaptive mutability and de novo purine synthesis in EGFR-mutated lung cancer

ד"ר אוניקאנאן סי פי
Dr. Unnikannan CP

המחלקה לגנטיקה מולקולרית
בהדרכת פרופ' טלילה וולק

Department of Molecular Genetics
Advisor: Prof. Talila Volk

Thesis:
The role of the LINC complex in transcriptional regulation and repression of endoreplication in muscle fibers

ד"ר נירית סוקניק
Dr. Nirit Sukenik

המחלקה לפיסיקה של מערכות מורכבות
בהדרכת פרופ' אלישע מוזס

Department of Physics of Complex Systems
Advisor: Prof. Elisha Moses

Thesis:
Excitation/Inhibition robustness in cultured neuronal networks

ד"ר אסף ניסנבוים
Dr. Asaf Nissenbaum

המחלקה לכימיה מולקולרית ומדע החומרים
בהדרכת פרופ' דניאל וגנר

Department of Molecular Chemistry and Materials Science
Advisor: Prof. Daniel Wagner

Thesis:
Tuning the shape memory effect in polyurethanes by amorphous and crystalline mechanisms

ד"ר נתאי סילבטסקי
Dr. Nitai Sylvetsky

המחלקה לכימיה מולקולרית ומדע החומרים
בהדרכת פרופ' גרשום מרטין

Department of Molecular Chemistry and Materials Science
Advisor: Prof. Gershom Martin

Thesis:
Theory benchmarking in practice: Wavefunction ab initio methods tighten their grip on biochemistry

ד"ר רקפת סידליק מושקטל
Dr. Rakefet Sidlik Muskatel

המחלקה לאימונולוגיה
בהדרכת פרופ' יאיר רייזנר
פרופ' רות ארנון

Department of Immunology
Advisor: Prof. Yair Reisner
Prof. Ruth Arnon

Thesis:
Towards immune modulation in autoimmunity and cancer by allogeneic bone marrow transplantation: The role of donor derived veto cells

ד"ר אודליה סיבוני-נבו
Dr. Odelia Sibony-Nevo

המחלקה לביולוגיה מבנית וכימית
בהדרכת פרופ' סטפן וויינר
פרופ' ליאה אדדי

Department of Chemical and Structural Biology
Advisor: Prof. Steve Weiner
Prof. Lia Addadi

Thesis:
Study of the shell microstructure and its formation in the Cavolinioidea superfamily of shelled pteropods

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ד"ר אלכסנדרה פולייינסקי
Dr. Alexandra Polyansky

המחלקה למדעים ביומולקולריים
בהדרכת פרופ' זבולון אלעזר

Department of Biomolecular Sciences
Advisor: Prof. Zvulun Elazar

Thesis:
Characterizing the relationship between phosphatidylcholine synthesis and autophagy

ד"ר אמאנדה לידיה פאראק
Dr. Amanda Lydia Farack

המחלקה לביולוגיה מולקולרית של התא
בהדרכת פרופ' שלו איצקוביץ

Department of Molecular Cell Biology
Advisor: Prof. Shalev Itzkovitz

Thesis:
Transcriptional heterogeneity of beta cells in the intact mouse and human pancreas

ד"ר גוספה סימיקטה
Dr. Giuseppe Cimicata

המחלקה לביולוגיה מבנית וכימית
בהדרכת פרופ' עדה יונת

Department of Chemical and Structural Biology
Advisor: Prof. Ada Yonath

Thesis:
Design of structure based novel species-selective antibiotics against pathogenic bacteria

ד"ר גיל פרידמן
Dr. Gil Friedman

המחלקה למדעים ביומולקולריים
בהדרכת ד"ר רות שרץ-שובל

Department of Biomolecular Sciences
Advisor: Dr. Ruth Scherz-Shouval

Thesis:
Cancer-associated fibroblast compositions change with breast-cancer progression linking the ratio of S100A4+ and PDPN+ CAFs to clinical outcome

ד"ר רן פינקלשטיין
Dr. Ran Finkelstein

המחלקה לפיסיקה של מערכות מורכבות
בהדרכת ד"ר עופר פירסטנברג
פרופ' ברק דיין

Department of Physics of Complex Systems
Advisor: Dr. Ofer Firstenberg
Prof. Barak Dayan

Thesis:
Coherent atom-photon interfaces with highly-excited thermal atoms

ד"ר סיון פינטו
Dr. Sivan Pinto

המחלקה לבקרה ביולוגית
בהדרכת פרופ' עמי נבון

Department of Biological Regulation
Advisor: Prof. Ami Navon

Thesis:
The role of the proteasome regulatory complex PA28 (proteasome activator) in oxidative stress and immune challenge

ד"ר קרן קהיל גוטרמן
Dr. Keren Kahil Guterman

המחלקה לביולוגיה מבנית וכימית
בהדרכת פרופ' ליאה אדדי
פרופ' סטפן ויינר

Department of Chemical and Structural Biology
Advisor: Prof. Lia Addadi
Prof. Steve Weiner

Thesis:
Study of the uptake and deposition of CaCO3 in sea urchin larvae

ד"ר בנימין צוקרמן
Dr. Binyamin Zuckerman

המחלקה לבקרה ביולוגית
בהדרכת פרופ' אינור אוליצקי

Department of Biological Regulation
Advisor: Prof. Igor Ulitsky

Thesis:
Transcript features and cellular factors mediating selective nuclear RNA export

ד"ר נלי פרנקל
Dr. Nelly Frenkel

המחלקה לגנטיקה מולקולרית
בהדרכת פרופ' נעמה ברקאי

Department of Molecular Genetics
Advisor: Prof. Naama Barkai

Thesis:
Chromatin modifications and the s-phase replication checkpoint as determinants of DNA replication dynamics

ד"ר שירי קולט פרי
Dr. Shiri Kult Perry

המחלקה לגנטיקה מולקולרית
בהדרכת פרופ' אלעזר זלצר

Department of Molecular Genetics
Advisor: Prof. Elazar Zelzer

Thesis:
Bi-fated tendon-to-bone attachment cells are regulated by shared enhancers and KLF transcription factors

ד"ר סתו קוזלובסקי
Dr. Stav Kozlovski

המחלקה לאימונולוגיה
בהדרכת פרופ' רונן אלון

Department of Immunology
Advisor: Prof. Ronen Alon

Thesis:
The functions of integrin ligands in immunity to respiratory infections

ד"ר שמעון קוגן
Dr. Shimon Kogan

המחלקה למדעי המחשב ומתמטיקה שימושית
בהדרכת פרופ' אוריאל פייגה

Department of Computer Science and Applied Mathematics
Advisor: Prof. Uriel Feige

Thesis:
Four studies related to sparse induced subgraphs

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ד"ר ישראל קלרשטיין
Dr. Israel Kellersztein

המחלקה לחומרים ופני שטח
בהדרכת פרופ' דניאל וגנר

Department of Materials and Interfaces
Advisor: Prof. Daniel Wagner

Thesis:
The structure and mechanical function of scorpion pincers

ד"ר ג'אנג-סוק קים
Dr. Jung-Seok Kim

המחלקה לאימונולוגיה
בהדרכת פרופ' סטפן יונג

Department of Immunology
Advisor: Prof. Steffen Jung

Thesis:
Dissecting functional contributions of microglia and non-parenchymal brain macrophages using a binary transgenic approach

ד"ר איליה קורובקו
Dr. Ilia Korobko

המחלקה לביולוגיה מבנית
בהדרכת פרופ' אמנון הורוויץ

Department of Structural Biology
Advisor: Prof. Amnon Horovitz

Thesis:
Kinetic analysis of the function of CCT and GroEL chaperonins

ד"ר רויטל רביד
Dr. Revital Ravid

המחלקה לגנטיקה מולקולרית
בהדרכת פרופ' ערן הורנשטיין

Department of Molecular Genetics
Advisor: Prof. Eran Hornstein

Thesis:
Nuclear roles of ARGONAUTE-2 in neurons

ד"ר עומר קרין
Dr. Omer Karin

המחלקה לביולוגיה מולקולרית של התא
בהדרכת פרופ' אורי אלון

Department of Molecular Cell Biology
Advisor: Prof. Uri Alon

Thesis:
Design principles of physiological circuits

ד"ר גת קריגר
Dr. Gat Krieger

המחלקה למדעי הצמח והסביבה
בהדרכת פרופ' אברהם לוי
פרופ' נעמה ברקאי

Department of Plant and Environmental Sciences
Advisor: Prof. Avraham Levy
Prof. Naama Barkai

Thesis:
Evolution of gene regulation in yeast through changes in transcription factor binding and gene expression

ד"ר אסף רוזן
Dr. Asaf Rozen

המחלקה לפיסיקה של חומר מעובה
בהדרכת פרופ' שחל אילני

Department of Condensed Matter Physics
Advisor: Prof. Shahal Ilani

Thesis:
From non-interacting to strongly correlated electrons in graphene systems: A spatial scanning electrostatic study

ד"ר שקד רוזן
Dr. Shaked Rozen

המחלקה לפיסיקה של מערכות מורכבות
בהדרכת פרופ' נירית דודוביץ

Department of Physics of Complex Systems
Advisor: Prof. Nirit Dudovich

Thesis:
Enantiosensitive subcycle antisymmetric response gated by electric field rotation - ESCARGOT

ד"ר אהרון רביע
Dr. Aharon Ravia

המחלקה לנוירוביולוגיה
בהדרכת פרופ' נעם סובל
פרופ' דוד הראל

Department of Neurobiology
Advisor: Prof. Noam Sobel
Prof. David Harel

Thesis:
Uncovering the boundaries of olfactory perception

ד"ר פרנצ'סקו רונקטו
Dr. Francesco Roncato

המחלקה לאימונולוגיה
בהדרכת פרופ' רונן אלון

Department of Immunology
Advisor: Prof. Ronen Alon

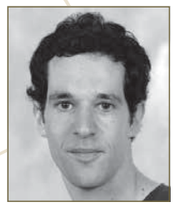
Thesis:
A-type lamins in cancer cell growth barrier crossing and lung metastasis

ד"ר אמנון רוטמן
Dr. Amnon Rothman

המחלקה לחומרים ופני שטח
בהדרכת פרופ' ארנסטו יוסלביץ

Department of Materials and Interfaces
Advisor: Prof. Ernesto Joselevich

Thesis:
Kinetic and mechanism of guided nanowire growth



ד"ר יובל רוזנברג
Dr. Yuval Rosenberg

המחלקה לפיסיקה של מערכות מורכבות
בהדרכת פרופ' אולף לאונהרדט

Department of Physics of Complex Systems
Advisor: Prof. Ulf Leonhardt

Thesis:
New horizons in nonlinear optics: Hawking radiation Cherenkov radiation and Raman self-frequency shift

ד"ר רונית שוסטרמן-קרוש
Dr. Ronit Shusterman-Krush

המחלקה לכימיה מולקולרית ומדע החומרים
בהדרכת ד"ר אמנון בר שיר

Department of Molecular Chemistry and Materials Science
Advisor: Dr. Amnon Bar Shir

Thesis:
Studying dynamic exchange in host guest molecular systems: From 19F-NMR to molecular 19F-MR imaging

ד"ר אסף שוחר
Dr. Assaf Shocher

המחלקה למדעי המחשב ומתמטיקה שימושית
בהדרכת פרופ' מיכל אירני

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

Thesis:
Deep internal learning

ד"ר אנה ריבקין
Dr. Anna Rivkin

המחלקה למדעים ביומולקולריים
בהדרכת ד"ר נטע רגב-רוצקי

Department of Biomolecular Sciences
Advisor: Dr. Neta Regev-Rudzki

Thesis:
Studying a novel mechanism of density sensing in malaria parasite Plasmodium falciparum

ד"ר מורן שלו
Dr. Moran Shalev

המחלקה לגנטיקה מולקולרית
בהדרכת פרופ' ארי אלסון

Department of Molecular Genetics
Advisor: Prof. Ari Elson

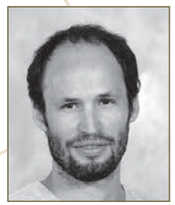
Thesis:
The role of PTPRJ in osteoclast activity and regulation

ד"ר דביר שירמן
Dr. Dvir Schirman

המחלקה לגנטיקה מולקולרית
בהדרכת פרופ' יצחק פלפל

Department of Molecular Genetics
Advisor: Prof. Yitzhak Pilpel

Thesis:
Using large synthetic libraries to explore the regulation and economy of gene expression



ד"ר אבירם שטינבוק
Dr. Aviram Steinbok

המחלקה לפיסיקה של חומר מעובה
בהדרכת פרופ' חיים בידנקופף

Department of Condensed Matter Physics
Advisor: Prof. Haim Beidenkopf

Thesis:
Scanning Tunneling Spectroscopy study of a Van der Waals material TaS2

ד"ר מירי שניידר
Dr. Miri Shnayder

המחלקה לגנטיקה מולקולרית
בהדרכת ד"ר נעם שטרן-גינוסר

Department of Molecular Genetics
Advisor: Dr. Noam Stern-Ginossar

Thesis:
Single cell resolution analysis of virus and host interaction during HCMV latent infection

ד"ר אדוה שמי
Dr. Adva Shemi

המחלקה למדעי הצמח והסביבה
בהדרכת פרופ' אסף ורדי

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

Thesis:
The signaling role of dimethyl sulfide in mediating planktonic predator-prey interactions

ד"ר גא"י שלם
Dr. Guy Shalem

המחלקה לפיסיקה של חומר מעובה
בהדרכת פרופ' ישראל בריוסף

Department of Condensed Matter Physics
Advisor: Prof. Israel Bar-Joseph

Thesis:
Electrically driven plasmons in metal-insulator-semiconductor tunnel junctions

ד"ר עמית שרגא
Dr. Amit Shraga

המחלקה לכימיה אורגנית
בהדרכת ד"ר ניר לונדון

Department of Organic Chemistry
Advisor: Dr. Nir London

Thesis:
First of their kind covalent chemical probes targeting kinases (MKK7/BTK) for inhibition or degradation

ד"ר אורמילה שראוואט
Dr. Urmila Sehrawat

המחלקה למדעים ביומולקולריים
בהדרכת פרופ' רבקה דיקשטיין

Department of Biomolecular Sciences
Advisor: Prof. Rivka Dikstein

Thesis:
Gatekeepers of AUG selection and ribosomal scanning: Translation control mechanism by eIF1 eIF1A and eIF4G1

ד"ר איה שקדי
Dr. Aya Shkedy

המחלקה לגנטיקה מולקולרית
בהדרכת פרופ' עדי קמחי

Department of Molecular Genetics
Advisor: Prof. Adi Kimchi

Thesis:
Discovering the intracellular mechanisms of the ApoL1 protein-induced cell death

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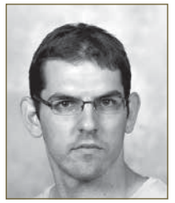

ד"ר עידו תורן
Dr. Ido Toren

המחלקה לנוירוביולוגיה
בהדרכת פרופ' רוני פז

Department of Neurobiology
Advisor: Prof. Rony Paz

Thesis:
The interaction of valence and information gain during learning perception and decision-making

ד"ר עמוס תובל
Dr. Amos Tuval

המחלקה לאימונולוגיה
בהדרכת ד"ר לירן שלוש

Department of Immunology
Advisor: Dr. Liran Shlush

Thesis:
p53 dysfunction in pre-leukemic hematopoietic cells

ד"ר שלומית שרוני
Dr. Shlomit Sharoni

המחלקה למדעי כדור הארץ וכוכבי הלכת
בהדרכת פרופ' איתי הלוי

Department of Earth and Planetary Sciences
Advisor: Prof. Itay Halevy

Thesis:
The coupled evolution of biogeochemical cycles and phytoplankton elemental composition

MSc Recipients

Sean Adler
Ruth Adler
Tomer Alkalay
Eitan Amos
Or Arbel Arenfrid
Yarden Ariav
Lihee Asaf
Amit Ashkenazi
Rotem Assouline
Yahel Avraham
Tal Bar
Talia Baravi
Netanel Barel
Lior Moshe Beck
Eitan Ben Av
Oz Ben Joseph
Akhiad Bercovich
Dror Berechya
Lidor Bitan
Eyal Bitton
Yoav Breuer
Yehuda Buganim
Rotem Cahanovitc
Miguel Camarena Sainz
Evgheni Casimov
Eyal Chalemsky
Anton Charkin-Gorbulin
Elital Chass Maurice
Omer Cohen
Frederic Luis Condin
Abel Cruz Camacho
Yarden Daniel
Jonathan Daniel
Alexandra Dashevsky
Rea David
Yotam David
Daniella Ya-li Dayagi
Daniel Deitch
Gai Deutch
Itai Efrat
Matan Eilat
Nir Erez
Yotam Federman
Shir Ferrera
Tal Fisher
Gavriel Fleurov
Batsheva Frankel Rozman
Amir Fromm
Gal Ronit Frumer Friedman
Noam Galili
Jeremy Garb
Asaf Gat
Amir Gavrieli
Tamar Gera
Carmel Gilda
Nadav Goldberg
Kim Goldenberg
Eden Goldfarb
Maria Luisa Gomez Calvo
Niv Granot
Joseph Green
Lior Greenspoon
Amos Gropp
Tomer Grossman
Devora Tamar Grunberg
Ambikesh Gupta
Noam Hadary
Guy Hadary
Or Hadas
Tom Hai Harel
Michal Hartstein
Sapir Havusha-Laufer
Tal Herman
Yonatan Iluz
Linoy Israel
Jan Kadlec
Guy Kapon
Ayya Keshet
Razi Khalaila
Sofia Konyzheva
Omri Kramer
Divya Krishna Kumar
Sahar Kruk
Terry Levkvisj
Chaya Mushka (Meshi) Levran
Ella Livnah
Nir Livnat
Liantong Luo
Yosef Maimon
Alexander Maman
Sanjay Mathai
Snir Meiri
Odelia Melamed
Arnon Meltser
Tamir Mittelman
Shoval Miyara
Dror Moran
Yocheved Mytlis
Nadav Nahaman
Stav Nahum
Hadar Nasi
Noa Nissani
Guy Ohad
Lior Oppenheim
Luis David Padilla Cortes
Shaked Palgi
Reut Parasha
Shai Perach
Ivana Petrovic
Omri Puny
Noa Rachmian
Dana Raiter
Karina Ratiner
Yotam Roet
Shiri Ron
Asaf Rosenberg
Hagar Rotem
Hernan Rubinstein
Eran Sandman
Shay Sapir
David Schwerdt
Gal Sela
Emmanouil Semidalas
Hagar Setty
Gili Shalev Schlosser
Sergei Shames
Omer Shamir
Ariel Shaulker
Amitai Shen
Yonatan Shimoni
Saar Shoer
Yogev Shpilman
Liran Shunak
Lior Snarski
Aviv Taller
Yuval Tamir
Gadi Trocki Reibstein
Ivgeni Tsigalnitski
Ophir Turetz
Matan Uzan
Anna Uzonyi
Leia Vainman
Oleg Vasyanovich
Tamar Veg
Yonatan Vernik
Paul Vollrath
Shahaf Wagner
Moria Weiss
Guy Weissenberg
Ran Yaacoby
Hadar Yaakov
Dana Yacobi
Oksana Yanshyna
Tzila Yarhi
Lior Yariv
Binyamin Zack-Kutuzov
Itay Zalayat
Naama Zung

יהל אברהם
Yahel Avraham

תואר שני במדעי החיים
בהדרכת ד"ר רוני דהן

MSc in Life Sciences
Advisor: Dr. Rony Dahan

Thesis:
Role of Fc-FcgR interactions in the therapeutic anti-tumor activity of anti-GITR antibodies

רות אדלר
Ruth Adler

תואר שני במדעי החיים
בהדרכת פרופ' אורן שולדינר

MSc in Life Sciences
Advisor: Prof. Oren Schuldiner

Thesis:
The role of the Dpr12-DIP-delta interaction during axonal zone formation in the Drosophila melanogaster mushroom body

שון אדלר
Sean Adler

תואר שני במדעי הכימיה
בהדרכת פרופ' דוד מרגוליס

MSc in Chemical Sciences
Advisor: Prof. David Margulies

Thesis:
Non-covalent modification of bacterial membrane proteins on a gold surface

גיא אוהד
Guy Ohad

תואר שני במדעי הכימיה
בהדרכת פרופ' ליאור קרוניק

MSc in Chemical Sciences
Advisor: Prof. Leeor Kronik

Thesis:
Band gaps of crystalline solids from a Wannier-localized optimally tuned screened range-separated hybrid functional

אנה אוזוניי
Anna Uzonyi

תואר שני במדעי החיים
בהדרכת ד"ר שרגא שוורץ
ד"ר יונתן שטלצר

MSc in Life Sciences
Advisors: Dr. Schraga Schwartz
Dr. Yonatan Stelzer

Thesis:
Deciphering the principles of the RNA editing code via large-scale systematic probing

מתן אוזן
Matan Uzan

תואר שני במדעי הפיסיקה
בהדרכת פרופ' אלי זלדוב

MSc in Physical Sciences
Advisor: Prof.Eli Zeldov

Thesis:
Nonlocal transport induced by edges charge modulation in two dimensional materials

ליאור אופנהיים
Lior Oppenheim

תואר שני במדעי הפיסיקה
בהדרכת ד"ר קרן מיכאלי

MSc in Physical Sciences
Advisor: Dr. Karen Michaeli

Thesis:
Incoherent spin-selective transport in chiral systems: The role of phononassisted hopping

יהונתן אילוז
Yonatan Iluz

תואר שני במתמטיקה ומדעי המחשב
בהדרכת פרופ' אהוד פרידגוט

MSc in Mathematics and Computer Science
Advisor: Prof. Ehud Friedgut

Thesis:
Hyper-regular graphs and high dimensional expanders

מתן אילת
Matan Eilat

תואר שני במתמטיקה ומדעי המחשב
בהדרכת פרופ' בועז בנימין קלרטג

MSc in Mathematics and Computer Science
Advisor: Prof. Boaz Binyamin Klartag

Thesis:
Isothermal coordinates comparison and moderately varying Gauss curvature

ליהי אסף
Lihee Asaf

תואר שני במדעי החיים
בהדרכת ד"ר זיו שולמן
פרופ' שראל פליישמן

MSc in Life Sciences
Advisors: Dr. Ziv Shulman
Prof. Sarel Fleishman

Thesis:
Computational design and validation of site-specific nanobody repertoire targeting PD-L1

רותם אסולין
Rotem Assouline

תואר שני במתמטיקה ומדעי המחשב
בהדרכת פרופ' בועז בנימין קלרטג

MSc in Mathematics and Computer Science
Advisor: Prof. Boaz Binyamin Klartag

Thesis:
Isometric embeddings into Riemannian surfaces with Holder continuous curvature

תומר אלקלעי
Tomer Alkalay

תואר שני במדעי הפיסיקה
בהדרכת פרופ' מוטי הייבלום

MSc in Physical Sciences
Advisor: Prof. Moty Heiblum

Thesis:
Scaling dimension of quantum Hall quasi-particles in the \nu=1/3 fractional state

ניר ארז
Nir Erez

תואר שני במדעי החיים
בהדרכת ד"ר אפרת שמע-יעקבי

MSc in Life Sciences
Advisor: Dr. Efrat Shema

Thesis:
Single-molecule systems for liquid biopsy

אור ארבל ארנפריד
Or Arbel Arenfrid

תואר שני במדעי הפיסיקה
בהדרכת ד"ר עופר פירסטנברג

MSc in Physical Sciences
Advisor: Dr. Ofer Firstenberg

Thesis:
Light-matter interaction via an extremely-tapered optical fiber in atomic vapor

איתי אפרת
Itai Efrat

תואר שני במדעי הפיסיקה
בהדרכת פרופ' אולף לאונהרדט

MSc in Physical Sciences
Advisor: Prof. Ulf Leonhardt

Thesis:
On casimir stress in spherically symmetric media

יהודה בוגנים
Yehuda Buganim

תואר שני במדעי הכימיה
בהדרכת ד"ר מיכל לסקס

MSc in Chemical Sciences
Advisor: Dr. Michal Leskes

Thesis:
Transport pathways of Lithium ions within composite electrolyte

עמית אשכנזי
Amit Ashkenazi

תואר שני במדעי החיים
בהדרכת פרופ' אהוד אחישר

MSc in Life Sciences
Advisor: Prof. Ehud Ahissar

Thesis:
Characterizing behavioral phases of whisking

ירדן אריאב
Yarden Ariav

תואר שני במדעי החיים
בהדרכת פרופ' איילת ארז

MSc in Life Sciences
Advisor: Prof. Ayelet Erez

Thesis:
Regulating nucleotide metabolism to boost the immune response against cancer

איתן בן אב
Eitan Ben Av

תואר שני במדעי הפיסיקה
בהדרכת ד"ר אפרים אפרתי

MSc in Physical Sciences
Advisor: Dr. Efi Efrati

Thesis:
The Harmonic three body system in curved space

לידור ביתן
Lidor Bitan

תואר שני במדעי החיים
בהדרכת ד"ר איבו שפיגל

MSc in Life Sciences
Advisor: Dr. Ivo Spiegel

Thesis:
Deciphering the gene programs through which Npas4 controls specific sets of synapses in cortical VIP neurons

אייל ביטון
Eyal Bitton

תואר שני במדעי החיים
בהדרכת ד"ר יניב זיו
פרופ' עפר יזהר

MSc in Life Sciences
Advisors: Dr. Yaniv Ziv
Prof. Ofer Yizhar

Thesis:
Dopamine effect on hippocampal consolidation

טל בר
Tal Bar

תואר שני במדעי הפיסיקה
בהדרכת ד"ר אפרים אפרתי

MSc in Physical Sciences
Advisor: Dr. Efi Efrati

Thesis:
Geometric frustration and compatibility conditions for 3D director fields in flat space

ליאור משה בק
Lior Moshe Beck

תואר שני במדעי הכימיה
בהדרכת פרופ' דן אורון
פרופ' ליאה אדדי

MSc in Chemical Sciences
Advisosr: Prof. Dan Oron
Prof. Lia Addadi

Thesis:
Measuring the refractive indices of the isoxanthopterin crystals from a prawn eye

עוז בן יוסף
Oz Ben Joseph

תואר שני במדעי החיים
בהדרכת ד"ר אסף גל

MSc in Life Sciences
Advisor: Dr. Assaf Gal

Thesis:
Characterization of holococcolith formation

יואב ברוייר
Yoav Breuer

תואר שני במדעי החיים
בהדרכת פרופ׳ איתן ראובני

MSc in Life Sciences
Advisor: Prof. Eitan Reuveny

Thesis:
The search for the Gamma Aminobutyric Acid metabotropic receptors with unique signaling specificity

נתנאל בראל
Netanel Barel

תואר שני במדעי הפיסיקה
בהדרכת פרופ׳ עופר אהרוני

MSc in Physical Sciences
Advisor: Prof. Ofer Aharony

Thesis:
Correlation functions of local operators in the TT theory from topological gravity

טליה בר אבי
Talia Baravi

תואר שני במדעי הפיסיקה
בהדרכת ד״ר אורן רז

MSc in Physical Sciences
Advisor: Dr. Oren Raz

Thesis:
Spin Model for Influence Optimization

ג׳רמי גארב
Jeremy Garb

תואר שני במדעי החיים
בהדרכת פרופ׳ רותם שורק

MSc in Life Sciences
Advisor: Prof. Rotem Sorek

Thesis:
The role of SIR2 domains within bacterial defense systems and exploration of the novel defense systems dsr2 and SG133

אחיעד ברקוביץ
Akhiad Bercovich

תואר שני במתמטיקה ומדעי המחשב
בהדרכת פרופ׳ עמוס תנאי

MSc in Mathematics and Computer Science
Advisor: Prof. Amos Tanay

Thesis:
Inferring locally parametric manifold models from scRNA-seq data

דרור ברכיה
Dror Berechya

תואר שני במדעי הפיסיקה
בהדרכת פרופ׳ אולף לאונהרדט

MSc in Physical Sciences
Advisor: Prof. Ulf Leonhardt

Thesis:
The Lifshitz theory of the cosmological constant can resolve the Hubble tension

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קים גולדנברג
Kim Goldenberg

תואר שני במדעי הכימיה
בהדרכת פרופ׳ ערן אלינב

MSc in Chemical Sciences
Advisor: Prof. Eran Elinav

Thesis:
The role of Nlrp10 in the heart in health and disease

נדב גולדברג
Nadav Goldberg

תואר שני במדעי החיים
בהדרכת פרופ׳ עדי קמחי

MSc in Life Sciences
Advisor: Prof. Adi Kimchi

Thesis:
Elucidating the role of PRRC2B as a translation factor and its implications in human embryonic stem cells

אמיר גבריאלי
Amir Gavrieli

תואר שני במתמטיקה ומדעי המחשב
בהדרכת פרופ׳ ערן סגל

MSc in Mathematics and Computer Science
Advisor: Prof. Eran Segal

Thesis:
Estimating heritability of glycaemic response to metformin using nationwide electronic health records and population-sized pedigree

אמביקש גופטה
Ambikesh Gupta

תואר שני במדעי הפיסיקה
בהדרכת פרופ׳ חיים בידנקופף

MSc in Physical Sciences
Advisor: Prof. Haim Beidenkopf

Thesis:
Spectroscopic studies of dimensional evolution between Weyl semimetals and quantum anomalous Hall Insulators

מריה לואיזה גומז קלבו
Maria Luisa Gomez Calvo

תואר שני במדעי הכימיה
בהדרכת ד״ר רוני דהן

MSc in Chemical Sciences
Advisor: Dr. Rony Dahan

Thesis:
Structural and functional optimization of antibody-based immunotherapies through Fc- and glyco-engineering

עדן גולדפרב
Eden Goldfarb

תואר שני במדעי החיים
בהדרכת פרופ׳ ירדנה סמואלס

MSc in Life Sciences
Advisor: Prof. Yardena Samuels

Thesis:
Systematic detection of atypical HLA presented events on melanoma cells expand the immunopeptidome landscape

תמר גרא
Tamar Gera

תואר שני במדעי החיים
בהדרכת פרופ׳ נעמה ברקאי

MSc in Life Sciences
Advisor: Prof. Naama Barkai

Thesis:
Divergence of binding preferences between duplicated transcription factors provides insight into the evolutionary design of transcriptional networks

נעם גלילי
Noam Galili

תואר שני במדעי החיים
בהדרכת ד"ר איתי תירוש

MSc in Life Sciences
Advisor: Dr. Itay Tirosh

Thesis:
IFN response and MHC class II genes in cancer: Pan cancer residual analysis

כרמל גילדה
Carmel Gilda

תואר שני במדעי החיים
בהדרכת פרופ׳ אסף אהרוני

MSc in Life Sciences
Advisor: Prof. Asaph Aharoni

Thesis:
Lipidomic mapping of organelles isolated from Arabidopsis root and shoot and from systemic tissue of Induced systemic resistance primed Arabidopsis

עמוס גרופ
Amos Gropp

תואר שני במתמטיקה ומדעי המחשב
בהדרכת פרופ׳ ירון ליפמן

MSc in Mathematics and Computer Science
Advisor: Prof. Yaron Lipman

Thesis:
Geometric regularization for deep manifold learning

תומר גרוסמן
Tomer Grossman

תואר שני במתמטיקה ומדעי המחשב
בהדרכת פרופ׳ מוני נאור

MSc in Mathematics and Computer Science
Advisor: Prof. Moni Naor

Thesis:
Instance optimality and unlabeled certificates in the decision tree model

דבורה תמר גרונברג
Devora Tamar Grunberg

תואר שני במדעי החיים
בהדרכת פרופ׳ טלילה וולק

MSc in Life Sciences
Advisor: Prof. Talila Volk

Thesis:
The contribution of Ball kinase to the nuclear envelope structure in Drosophila larval muscles

Weizmann Institute of Science | Feinberg Graduate School | 2021 Graduates

ניב גרנות
Niv Granot

תואר שני במתמטיקה ומדעי המחשב
בהדרכת פרופ׳ מיכל אירני

MSc in Mathematics and Computer Science
Advisor: Prof. Michal Irani

Thesis:
Drop the GAN: In defense of patches nearest neighbors as single image generative models

ליאור גרינשפון
Lior Greenspoon

תואר שני במדעי הכימיה
בהדרכת פרופ׳ רון מילוא

MSc in Chemical Sciences
Advisor: Prof. Ron Milo

Thesis:
A quantitative perspective on the geo / bio / socio spheres interface

יוסף גרין
Joseph Green

תואר שני במדעי החיים
בהדרכת פרופ׳ יוסף ירדן

MSc in Life Sciences
Advisor: Prof. Yosef Yarden

Thesis:
The design and validation of antisense oligonucleotides that efficiently induce PD-L1-Exon 6 skipping and remove PD-L1's intracellular domain

רע דוד
Rea David

תואר שני במדעי הכימיה
בהדרכת פרופ׳ אדוארדס נרייביצ׳יוס

MSc in Chemical Sciences
Advisor: Prof. Ed Narevicius

Thesis:
Atom vortex beam

יותם דוד
Yotam David

תואר שני במדעי החיים
בהדרכת פרופ׳ מאיה שולדינר

MSc in Life Sciences
Advisor: Prof. Maya Schuldiner

Thesis:
Identification of novel resident proteins and effectors of Golgi contact sites using high throughput screening in yeast

אסף גת
Asaf Gat

תואר שני במדעי החיים
בהדרכת ד"ר מיטל אורן

MSc in Life Sciences
Advisor: Dr. Meital Oren-Suissa

Thesis:
Unravel individualism: elucidate the interplay between sex behavior and neurobiological properties

דניאלה יה-לי דייגי
Daniella Ya-li Dayagi

תואר שני במדעי החיים
בהדרכת פרופ' ג'פרי גרסט

MSc in Life Sciences
Advisor: Prof. Jeffrey Gerst

Thesis:
Elucidating the mechanism of intercellular mRNA transfer

דניאל דיטש
Daniel Deitch

תואר שני במדעי החיים
בהדרכת ד"ר יניב זיו

MSc in Life Sciences
Advisor: Dr. Yaniv Ziv

Thesis:
Representational drift in the mouse visual cortex

גיא דויטש
Gai Deutch

תואר שני במדעי הכימיה
בהדרכת פרופ' אורן טל

MSc in Chemical Sciences
Advisor: Prof. Oren Tal

Thesis:
Magneto structural effect in atomic chains

אלכסנדרה דשבסקי
Alexandra Dashevsky

תואר שני במדעי הכימיה
בהדרכת פרופ' שראל פליישמן

MSc in Chemical Sciences
Advisor: Prof. Sarel Fleishman

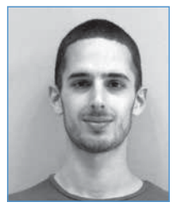
Thesis:
Computational cooperativity design in E.coli superoxide dismutase

ירדן דניאל
Yarden Daniel

תואר שני במדעי הכימיה
בהדרכת פרופ' ארנסטו יוסלביץ

MSc in Chemical Sciences
Advisor: Prof. Ernesto Joselevich

Thesis:
Guided CdTe nanowires: Synthesis structure optoelectronics and bandgap narrowing



יונתן דניאל
Jonathan Daniel

תואר שני במדעי הפיסיקה
בהדרכת פרופ' יובל גפן

MSc in Physical Sciences
Advisor: Prof. Yuval Gefen

Thesis:
Non-Hermitian Hamiltonian of multi-level systems: State engineering exceptional points classification and elements of dynamics

Weizmann Institute of Science | Feinberg Graduate School | 2021 Graduates

נועם הדרי
Noam Hadary

תואר שני במדעי החיים
בהדרכת ד"ר איתי תירוש

MSc in Life Sciences
Advisor: Dr. Itay Tirosh

Thesis:
Regulatory cellular diversity in glioblastoma

גיא הדרי
Guy Hadary

תואר שני במדעי החיים
בהדרכת פרופ' אלי ארמה

MSc in Life Sciences
Advisor: Prof. Eli Arama

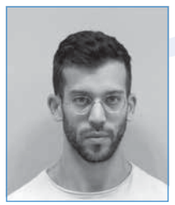
Thesis:
Uncovering the signaling and execution mechanisms associated with the non-apoptotic developmental cell death pathway of the primordial germ cells in Drosophila embryos

אור הדס
Or Hadas

תואר שני במדעי הפיסיקה
בהדרכת פרופ' יוחאי כספי

MSc in Physical Sciences
Advisor: Prof. Yohai Kaspi

Thesis:
Suppression of baroclinic eddies by strong jets



טל הרמן
Tal Herman

תואר שני במתמטיקה ומדעי המחשב
בהדרכת פרופ' גיא רוטבלום

MSc in Mathematics and Computer Science
Advisor: Prof. Guy Rothblum

Thesis:
An interactive proof system for coarse tolerant uniformity testing

מיכל הרטשטיין
Michal Hartstein

תואר שני במדעי הכימיה
בהדרכת פרופ' ליאור קרוניק

MSc in Chemical Sciences
Advisor: Prof. Leeor Kronik

Thesis:
Reducing fractional-charge and fractional-spin errors with tuned range-separated double-hybrid functionals

תום חי הראל
Tom Hai Harel

תואר שני במדעי החיים
בהדרכת פרופ' יובל אשד

MSc in Life Sciences
Advisor: Prof. Yuval Eshed

Thesis:
The role of SOC clade genes in tomato flowering

פאול וולרט
Paul Vollrath

תואר שני במתמטיקה ומדעי המחשב
בהדרכת פרופ׳ יצחק גלנדר

MSc in Mathematics and Computer Science
Advisor: Prof. Tsachik Gelander

Thesis:
A bound on the systole of non-positively curved arithmetic spaces

תמר וג
Tamar Veg

תואר שני במדעי החיים
בהדרכת פרופ׳ שלו איצקוביץ

MSc in Life Sciences
Advisor: Prof. Shalev Itzkovitz

Thesis:
A spatially-resolved epigenetic map of the liver lobule

שחף וגנר
Shahaf Wagner

תואר שני במתמטיקה ומדעי המחשב
בהדרכת פרופ׳ שמעון אולמן

MSc in Mathematics and Computer Science
Advisor: Prof. Shimon Ullman

Thesis:
Learning and executing multiple tasks together vs. one task at a time

ליאה וינמן
Leia Vainman

תואר שני במדעי החיים
בהדרכת ד"ר רועי אברהם

MSc in Life Sciences
Advisor: Dr. Roi Avraham

Thesis:
Studying Salmonella serovar-specific immune responses in single cell resolution

גיא וייסינברג
Guy Weissenberg

תואר שני במתמטיקה ומדעי המחשב
בהדרכת פרופ׳ צביקה ברקרסקי

MSc in Mathematics and Computer Science
Advisor: Prof. Zvika Brakerskie

Thesis:
Unitary subgroup testing

מוריה וייס
Moria Weiss

תואר שני במדעי החיים
בהדרכת פרופ׳ עדי קמחי

MSc in Life Sciences
Advisor: Prof. Adi Kimchi

Thesis:
Elaborating on HtrA2 and its downstream effector, Paip2a, as participants in the molecular pathway leading to irradiation induced senescence

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איתי זלאיט
Itay Zalayat

תואר שני במדעי החיים
בהדרכת פרופ׳ יעקב אברמסון

MSc in Life Sciences
Advisor: Prof. Jakub Abramson

Thesis:
Understanding the role of Aire-expressing innate lymphoid cells in EAE and autoimmunity

יונתן ורניק
Yonatan Vernik

תואר שני במדעי הכימיה
בהדרכת פרופ׳ ארנסטו יוסלביץ

MSc in Chemical Sciences
Advisor: Prof. Ernesto Joselevich

Thesis:
Optoelectronic nanosystems based on guided nanowires by artificial epitaxy on amorphous substrates

אולג וסיאנוביץ'
Oleg Vasyanovich

תואר שני במדעי החיים
בהדרכת פרופ׳ אליאור (אורי) פלס

MSc in Life Sciences
Advisor: Prof. Elior (Ori) Peles

Thesis:
Discovery of novel protein candidates that mediate axo-glial interaction

ספיר חבושה-לאופר
Sapir Havusha-Laufer

תואר שני במדעי החיים
בהדרכת פרופ׳ אירית שגיא

MSc in Life Sciences
Advisor: Prof. Irit Sagi

Thesis:
Revealing the ultrastructure and component organization of the PNN in health and disease

ראזי ח'לאילה
Razi Khalaila

תואר שני במדעי החיים
בהדרכת פרופ׳ יעקב אברמסון

MSc in Life Sciences
Advisor: Prof. Jakub Abramson

Thesis:
Utilizing organ-specific autoantibodies in targeted cancer treatment

בנימין זק קוטוזוב
Binyamin Zack-Kutuzov

תואר שני במתמטיקה ומדעי המחשב
בהדרכת פרופ׳ דמיטרי נוביקוב
פרופ׳ גל יהודה בנימיני

MSc in Mathematics and Computer Science
Advisors: Prof. Dmitry Novikov
Prof. Gal Binyamini

Thesis:
Holomorphic parametrization of analytic families and algebraic parametrization of algebraic sets definable over Q

אופיר טורץ
Ophir Turetz

תואר שני במדעי הפיסיקה
בהדרכת ד"ר שקמה ברסלר
פרופ' יוסף ניר

MSc in Physical Sciences
Advisosr: Dr. Shikma Bressler
Prof. Yosef Nir

Thesis:
Development of a data driven approach for general search for new particle physics

אמיתי חן
Amitai Shen

תואר שני במדעי החיים
בהדרכת פרופ' קרינה יניב

MSc in Life Sciences
Advisor: Prof. Karina Yaniv

Thesis:
Deciphering the role of Scarb2 in the development of the neurovascular unit

אייל חלמסקי
Eyal Chalemsky

תואר שני במדעי החיים
בהדרכת פרופ' רון דיסקין

MSc in Life Sciences
Advisor: Prof. Ron Diskin

Thesis:
Toward determining structures function and immune response against spike proteins from enveloped viruses

אוקסנה יאנשינה
Oksana Yanshyna

תואר שני במדעי הכימיה
בהדרכת פרופ' רפאל קליין

MSc in Chemical Sciences
Advisor: Prof. Rafal Klajn

Thesis:
Confined spaces regulate redox switching

גדי טרוצקי רבשטיין
Gadi Trocki Reibstein

תואר שני במדעי הפיסיקה
בהדרכת ד"ר אפרים אפרתי

MSc in Physical Sciences
Advisor: Dr. Efi Efrati

Thesis:
Benzamide: Crystals with a twist (as a result of geometric frustration)

אביב טלר
Aviv Taller

תואר שני במתמטיקה ומדעי המחשב
בהדרכת פרופ' אורי בדר

MSc in Mathematics and Computer Science
Advisor: Prof. Uri Bader

Thesis:
Balanced probability measures on compact median algebras

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רן יעקובי
Ran Yaacoby

תואר שני במדעי הפיסיקה
בהדרכת ד"ר אורן רז

MSc in Physical Sciences
Advisor: Dr. Oren Raz

Thesis:
Anomalous relaxation

דנה יעקבי
Dana Yacobi

תואר שני במדעי החיים
בהדרכת פרופ' רוני פז

MSc in Life Sciences
Advisor: Prof. Rony Paz

Thesis:
Neural coding characteristics across human brain regions based on fMRI measurements

הדר יעקב
Hadar Yaakov

תואר שני במדעי החיים
בהדרכת ד"ר מיכל ריבלין

MSc in Life Sciences
Advisor: Dr. Michal Rivlin

Thesis:
The Histaminergic retinopetal circuit of the mouse

לינוי ישראל
Linoy Israel

תואר שני במדעי החיים
בהדרכת פרופ' איתן גרוס

MSc in Life Sciences
Advisor: Prof. Atan Gross

Thesis:
Mitochondrial structural changes in Fibromyalgia disease

ליאור יריב
Lior Yariv

תואר שני במתמטיקה ומדעי המחשב
בהדרכת פרופ' ירון ליפמן

MSc in Mathematics and Computer Science
Advisor: Prof. Yaron Lipman

Thesis:
Implicit differentiable renderingo

צילה ירחי
Tzila Yarhi

תואר שני בהוראת המדעים
בהדרכת פרופ' אברהם הרכבי
ד"ר רוני קרסנטי

MSc in Science Teaching
Advisors: Prof. Abraham Arcavi
Dr. Ronnie Karsenty

Thesis:
High school teachers' beliefs about teaching low-achieving students in mathematics, teachers' coping, and tools for coping: A case study

טרי לבקוביץ
Terry Levkvisj

תואר שני במדעי החיים
בהדרכת ד"ר איבו שפיגל

MSc in Life Sciences
Advisor: Dr. Ivo Spiegel

Thesis:
Intersectional genetic tools to selectively manipulate interneuron subtypes in layer 1 of the cortex

רותם כהנוביץ
Rotem Cahanovitc

תואר שני במדעי החיים
בהדרכת ד"ר תמיר קליין

MSc in Life Sciences
Advisor: Dr. Tamir Klein

Thesis:
Ectomycorrhizal fungi facilitate carbon resource sharing between distant phylogenetically related trees

עומר כהן
Omer Cohen

תואר שני במדעי הכימיה
בהדרכת פרופ' ישראל בר-יוסף

MSc in Chemical Sciences
Advisor: Prof. Israel Bar-Joseph

Thesis:
Direct contact of Au with Alumina in light-emitting plasmonic tunnel junctions

אלה ליבנה
Ella Livnah

תואר שני במדעי הכימיה
בהדרכת ד"ר ניר לונדון

MSc in Chemical Sciences
Advisor: Dr. Nir London

Thesis:
Expanding the scope of targeted protein degraders using covalent chemistry

ליאנטונג לו
Liantong Luo

תואר שני במדעי הפיסיקה
בהדרכת פרופ' בועז כץ

MSc in Physical Sciences
Advisor: Prof. Boaz Katz

Thesis:
Demonstration of the equivalence between two methods of second order averaging for the hierarchical three body problem and simple modeling of nebular phase spectra of type Ia supernovae

חיה מושקא (משי) לברן
Chaya Mushka (Meshi) Levran

תואר שני במדעי החיים
בהדרכת פרופ' איתן גרוס

MSc in Life Sciences
Advisor: Prof. Atan Gross

Thesis:
Purification of the MTCH2 mitochondrial membrane protein

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שניר מאירי
Snir Meiri

תואר שני במדעי הפיסיקה
בהדרכת ד"ר אפרים אפרתי

MSc in Physical Sciences
Advisor: Dr. Efi Efrati

Thesis:
Study of cumulative and non-cumulative geometric frustration in continuous and discrete systems. Theory and investigation of assemblies and spin-lattice systems

סנג'י מאייטי
Sanjay Mathai

תואר שני במדעי הפיסיקה
בהדרכת פרופ' נלעד פרז
ד"ר נועם טל הוד

MSc in Physical Sciences
Advisors: Prof. Gilad Perez
Dr. Noam Tal Hod

Thesis:
Non-linear photon interactions in a background electromagnetic field

ניר ליבנת
Nir Livnat

תואר שני במדעי החיים
בהדרכת פרופ' יעקב חנא

MSc in Life Sciences
Advisor: Prof. Jacob (Yaqub) Hanna

Thesis:
Analysis of competence of In-vitro differentiation for mouse Primordial germ cells

תמיר מיטלמן
Tamir Mittelman

תואר שני במדעי החיים
בהדרכת ד"ר אפרת שמע-יעקבי

MSc in Life Sciences
Advisor: Dr. Efrat Shema

Thesis:
Single-cell platforms for analysis of epigenetic modifications

שובל מיארה
Shoval Miyara

תואר שני במדעי החיים
בהדרכת פרופ' אלדד צחור

MSc in Life Sciences
Advisor: Prof. Eldad Tzahor

Thesis:
Principles of cell circuits in cardiac regeneration and fibrosis

דרור מורן
Dror Moran

תואר שני במתמטיקה ומדעי המחשב
בהדרכת פרופ' רונן בצרי

MSc in Mathematics and Computer Science
Advisor: Prof. Ronen Basri

Thesis:
Camera pose and 3D scene recovery using deep neural networks

אודליה מלמד
Odelia Melamed

תואר שני במתמטיקה ומדעי המחשב
בהדרכת פרופ׳ עדי שמיר

MSc in Mathematics and Computer Science
Advisor: Prof. Adi Shamir

Thesis:
Applications of the local almost-linearity of deep neural networks

יוסף מימון
Yosef Maimon

תואר שני במדעי החיים
בהדרכת פרופ׳ עמוס תנאי

MSc in Life Sciences
Advisor: Prof. Amos Tanay

Thesis:
Combining single cell and single embryoid body transcriptional analysis for understanding gastrulation

יוכבד מייטליס
Yocheved Mytlis

תואר שני בהוראת המדעים
בהדרכת פרופ׳ רוחמה אבן

MSc in Science Teaching
Advisor: Prof. Ruhama Even

Thesis:
The contribution of academic mathematics studies to the knowledge and instruction of topics in the high school mathematic curriculum

סתיו נחום
Stav Nahum

תואר שני במדעי הכימיה
בהדרכת ד״ר שירה רוה

MSc in Chemical Sciences
Advisor: Dr. Shira Raveh-Rubin

Thesis:
Dry Intrusions Initiation: Large scale governing features and forcing mechanisms

אלכסנדר ממן
Alexander Maman

תואר שני במדעי החיים
בהדרכת ד״ר שרגא שוורץ

MSc in Life Sciences
Advisor: Dr. Schraga Schwartz

Thesis:
Exploring new functionalities and components of mRNA methylation in yeast and human cancer cell lines

ארנון מלצר
Arnon Meltser

תואר שני במדעי החיים
בהדרכת ד״ר רביד שטראוסמן
פרופ׳ ערן סגל

MSc in Life Sciences
Advisors: Dr. Ravid Straussman
Prof. Eran Segal

Thesis:
Bacterial-Human cancer cross talk studied by single cell RNA-seq

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הדר נשיא
Hadar Nasi

תואר שני במדעי הכימיה
בהדרכת פרופ׳ מילקו אריק ואן דר בום

MSc in Chemical Sciences
Advisor: Prof. Milko E. Van Der Boom

Thesis:
Morphology control and elemental composition by cation exchange in metal-organic frameworks

נועה ניסני
Noa Nissani

תואר שני במדעי החיים
בהדרכת פרופ׳ אינור אוליצקי

MSc in Life Sciences
Advisor: Prof. Igor Ulitsky

Thesis:
Genomic determinants of RNA polymerase 2 transcription termination

נדב נחמן
Nadav Nahaman

תואר שני במדעי הכימיה
בהדרכת פרופ׳ עודד אהרונסון

MSc in Chemical Sciences
Advisor: Prof. Oded Aharonson

Thesis:
History of the lunar dynamo from crustal magnetic anomalies

עמנואל סמידלס
Emmanouil Semidalas

תואר שני במדעי הכימיה
בהדרכת פרופ׳ גרשום מרטין

MSc in Chemical Sciences
Advisor: Prof. Gershom Martin

Thesis:
Accurate and efficient composite wavefunction theory methods through localized natural orbitals and F12 explicit correlation

גל סלע
Gal Sela

תואר שני במדעי החיים
בהדרכת פרופ׳ אלון חן

MSc in Life Sciences
Advisor: Prof. Alon Chen

Thesis:
The long-term effects of prenatal exposure to selective serotonin reuptake inhibitors on behavior and metabolism

הגר סטי
Hagar Setty

תואר שני במדעי החיים
בהדרכת ד״ר מיטל אורן

MSc in Life Sciences
Advisor: Dr. Meital Oren-Suissa

Thesis:
Deciphering the sexually dimorphic properties of a sex-shared interneuron

שי ספיר
Shay Sapir

תואר שני במתמטיקה ומדעי המחשב
בהדרכת פרופ׳ רוברט קראוטגמר

MSc in Mathematics and Computer Science
Advisor: Prof. Robert Krauthgamer

Thesis:
Near-optimal entrywise sampling of Numerically sparse matrices

ליאור סנרסקי
Lior Snarski

תואר שני במדעי הכימיה
בהדרכת פרופ׳ בוריס ריבצ׳ינסקי

MSc in Chemical Sciences
Advisor: Prof. Boris Rybtchinski

Thesis:
Modular carbon nanotubes electrodes for Li-S batteries

ערן סנדמן
Eran Sandman

תואר שני במדעי החיים
בהדרכת פרופ׳ אליאור (אורי) פלס

MSc in Life Sciences
Advisor: Prof. Elior (Ori) Peles

Thesis:
The role of Cadm4 ectodomain shedding in myelination

יותם פדרמן
Yotam Federman

תואר שני במדעי הפיסיקה
בהדרכת פרופ׳ נירית דודוביץ

MSc in Physical Sciences
Advisor: Prof. Nirit Dudovich

Thesis:
Resolving the complex change of an electronic wave function during tunneling by two-dimensional attosecond interferometry

לואיס דויד פדיג'ה קורטס
Luis David Padilla Cortes

תואר שני במדעי הכימיה
בהדרכת ד״ר אמנון בר שיר

MSc in Chemical Sciences
Advisor: Dr. Amnon Bar Shir

Thesis:
Supramolecular relay system for protein sensing using 19F-GEST NMR

איתן עמוס
Eitan Amos

תואר שני במתמטיקה ומדעי המחשב
בהדרכת פרופ׳ עדי שמיר

MSc in Mathematics and Computer Science
Advisor: Prof. Adi Shamir

Thesis:
Interactive display of advance attacks on miniature versions of symmetric cryptographic algorithms

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טל פישר
Tal Fisher

תואר שני במדעי החיים
בהדרכת פרופ׳ גיל לבקוביץ

MSc in Life Sciences
Advisor: Prof. Gil Levkowitz

Thesis:
Molecular mechanisms that drive the development of permeable endothelial cells in the brain

איבנה פטרוביץ
Ivana Petrovic

תואר שני במדעי הכימיה
בהדרכת ד״ר רינה רוזנצויג

MSc in Chemical Sciences
Advisor: Dr. Rina Rosenzweig

Thesis:
Elucidating HspB1 structure and function

עמרי פוני
Omri Puny

תואר שני במתמטיקה ומדעי המחשב
בהדרכת פרופ׳ ירון ליפמן

MSc in Mathematics and Computer Science
Advisor: Prof. Yaron Lipman

Thesis:
Global attention improves graph neural network generalization

שקד פלגי
Shaked Palgi

תואר שני במדעי החיים
בהדרכת פרופ׳ נחום אולנובסקי

MSc in Life Sciences
Advisor: Prof. Nachum Ulanovsky

Thesis:
Natural switches in sensory attention rapidly modulate hippocampal spatial codes

גבריאל פלרוב
Gavriel Fleurov

תואר שני במדעי הפיסיקה
בהדרכת פרופ׳ רועי עוזרי
פרופ׳ ניר דודזון

MSc in Physical Sciences
Advisors: Prof. Roee Ozeri
Prof. Nir Davidson

Thesis:
Nonlinear evolution of a collective spin in an ultracold bosonic cloud

אמיר פרום
Amir Fromm

תואר שני במדעי החיים
בהדרכת פרופ׳ אסף ורדי

MSc in Life Sciences
Advisor: Prof. Assaf Vardi

Thesis:
Using comparative genomics to reveal Emiliania huxleyi virus genes associated with virulence

בת שבע פרנקל רוזמן
Batsheva Frankel Rozman

תואר שני במדעי החיים
בהדרכת ד"ר נעם שטרן-גינוסר

MSc in Life Sciences
Advisor: Dr. Noam Stern-Ginossar

Thesis:
Temporal dynamics of HCMV gene expression in lytic and latent infection

שי פרח
Shai Perach

תואר שני בהוראת המדעים
בהדרכת ד"ר גיורא אלכסנדרון

MSc in Science Teaching
Advisor: Dr. Giora Alexandron

Thesis:
A blended learning program based on an academic MOOC for computer science education in middle schools

גל רונית פרומר פרידמן
Gal Ronit Frumer Friedman

תואר שני במדעי החיים
בהדרכת פרופ' סטפן יונג

MSc in Life Sciences
Advisor: Prof. Steffen Jung

Thesis:
Studying the role of Il-10 in the control of microglia activation

אליטל צ'אס מוריס
Elital Chass Maurice

תואר שני במדעי החיים
בהדרכת פרופ' אלי ארמה

MSc in Life Sciences
Advisor: Prof. Eli Arama

Thesis:
Exploring the mechanisms underlying parthanatos cell death of primordial germ cells in the Drosophila embryo

רעות פרשה
Reut Parasha

תואר שני בהוראת המדעים
בהדרכת פרופ' בוריס קויצו

MSc in Science Teaching
Advisor: Prof. Boris Koichu

Thesis:
Mathematics teachers as learners designers and facilitators of dialogic tasks

שיר פררה
Shir Ferrera

תואר שני במדעי החיים
בהדרכת פרופ' מיכל אייזנבך-שוורץ

MSc in Life Sciences
Advisor: Prof. Michal Schwartz

Thesis:
Immune profiling of mononuclear cells in familial Alzheimer's disease individuals

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יאן קאדלץ
Jan Kadlec

תואר שני במדעי הכימיה
בהדרכת פרופ' רוני פז

MSc in Chemical Sciences
Advisor: Prof. Rony Paz

Thesis:
Exploring the relationship between reinforcement learning discrimination and risk aversion in humans

יבגני ציגלניצקי
Ivgeni Tsigalnitski

תואר שני במדעי החיים
בהדרכת פרופ' זיו רייך

MSc in Life Sciences
Advisor: Prof. Ziv Reich

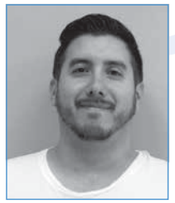
Thesis:
gumi-bear" a novel lineage tracking system to track gene-associated fitness with application to the hsp82 gene

נעמה צונג
Naama Zung

תואר שני במדעי החיים
בהדרכת פרופ' מאיה שולדינר

MSc in Life Sciences
Advisor: Prof. Maya Schuldiner

Thesis:
Characterizing the contact site between the nucleus and mitochondria in yeast



מיגל קמרנה סיינז
Miguel Camarena Sainz

תואר שני במדעי החיים
בהדרכת פרופ' יואל סטבנס

MSc in Life Sciences
Advisor: Prof. Joel Stavans

Thesis:
Bacterial conjugation as a search problem in Bacillus subtilis

סופיה קוניז בה
Sofia Konyzheva

תואר שני במדעי הפיסיקה
בהדרכת פרופ' מוטי הייבלום

MSc in Physical Sciences
Advisor: Prof. Moty Heiblum

Thesis:
Missing energy paradox

פרדריק לואיס קונדין
Frederic Luis Condin

תואר שני במדעי הכימיה
בהדרכת ד"ר בארן ארן

MSc in Chemical Sciences
Advisor: Dr. Baran Eren

Thesis:
Measuring material-specific properties with ultra-high vacuum atomic force microscopy

אבל קרוז קמאצ'ו
Abel Cruz Camacho

תואר שני במדעי החיים
בהדרכת ד"ר נטע רגב-רוצקי

MSc in Life Sciences
Advisor: Dr. Neta Regev-Rudzki

Thesis:
Evaluation of gene expression in gametocytogenesis of the malaria parasite Plasmodium falciparum via a robot-automatized transcriptional profile platform

גיא קפון
Guy Kapon

תואר שני במתמטיקה ומדעי המחשב
בהדרכת פרופ' אברהם איזנבוד

MSc in Mathematics and Computer Science
Advisor: Prof. Avraham Aizenbud

Thesis:
Singularity properties of graph varieties

יבגני קסימוב
Evgheni Casimov

תואר שני במדעי החיים
בהדרכת פרופ' עמוס תנאי

MSc in Life Sciences
Advisor: Prof. Amos Tanay

Thesis:
Embryoid bodies for characterizing Suz12-mediated regulation in mouse gastrulation

עמרי קרמר
Omri Kramer

תואר שני במתמטיקה ומדעי המחשב
בהדרכת פרופ' שמעון אולמן

MSc in Mathematics and Computer Science
Advisor: Prof. Shimon Ullman

Thesis:
Task selection for pixel-level classification

דיביה קרישנה קומר
Divya Krishna Kumar

תואר שני במדעי החיים
בהדרכת פרופ' נעמה ברקאי

MSc in Life Sciences
Advisor: Prof. Naama Barkai

Thesis:
Determinants of transcription factor binding specificity

סהר קרוק
Sahar Kruk

תואר שני במדעי הכימיה
בהדרכת פרופ' רון נעמן

MSc in Chemical Sciences
Advisor: Prof. Ron Naaman

Thesis:
Spin Dependent Photocurrent through chiral organic molecules

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אסף רוזנברג
Asaf Rosenberg

תואר שני במדעי הכימיה
בהדרכת ד"ר אוליאנה שימנוביץ

MSc in Chemical Sciences
Advisor: Dr. Ulyana Shimanovich

Thesis:
Preparation of multifunctional protein - polysaccharide thin films with tunable mechanical and electrical properties

הרנן רובינשטיין
Hernan Rubinstein

תואר שני במדעי החיים
בהדרכת ד"ר יונתן שטלצר

MSc in Life Sciences
Advisor: Dr. Yonatan Stelzer

Thesis:
Elucidating the spatial and temporal dynamics of the mouse primordial germ cells specification

איה קשת
Ayya Keshet

תואר שני במתמטיקה ומדעי המחשב
בהדרכת פרופ' ערן סגל

MSc in Mathematics and Computer Science
Advisor: Prof. Eran Segal

Thesis:
Estimating the effect of Cesarean delivery on long term childhood health

הגר רותם
Hagar Rotem

תואר שני במדעי החיים
בהדרכת ד"ר רוני דהן

MSc in Life Sciences
Advisor: Dr. Rony Dahan

Thesis:
Defining the mechanisms driving toxicity and anti-tumor efficacy of agonistic anti-CD40 mAbs

שירי רון
Shiri Ron

תואר שני במתמטיקה ומדעי המחשב
בהדרכת פרופ' שחר דובזינסקי

MSc in Mathematics and Computer Science
Advisor: Prof. Shahar Dobzinski

Thesis:
The communication complexity of payment computation

יותם רוט
Yotam Roet

תואר שני במדעי הפיסיקה
בהדרכת פרופ' חיים בידנקופף

MSc in Physical Sciences
Advisor: Prof. Haim Beidenkopf

Thesis:
Scanning Tunneling Spectroscopy study of layered correlated materials with topological signatures

דנה רייטר
Dana Raiter

תואר שני במדעי הכימיה
בהדרכת פרופ' יוחאי כספי

MSc in Chemical Sciences
Advisor: Prof. Yohai Kaspi

Thesis:
A coupled Eulerian-Lagrangian analysis of the large-scale tropical atmospheric circulation and its implication for climate change

קארינה רטינר
Karina Ratiner

תואר שני במדעי החיים
בהדרכת פרופ' ערן אלינב

MSc in Life Sciences
Advisor: Prof. Eran Elinav

Thesis:
The interactions between diurnal rhythms of microbiome and immune system in skin homeostasis

נועה רחמיאן
Noa Rachmian

תואר שני במדעי החיים
בהדרכת פרופ' מיכל אייזנבך-שוורץ
פרופ' ולרי קריזנובסקי

MSc in Life Sciences
Advisors: Prof. Michal Schwartz
Prof. Valery Krizhanovsky

Thesis:
Senescent cells in Alzheimer's disease - molecular characterization and implication to pathology

לירן שונק
Liran Shunak

תואר שני במדעי הכימיה
בהדרכת ד"ר סיון רפאלי-אברמסון

MSc in Chemical Sciences
Advisor: Dr. Sivan Refaely-Abramson

Thesis:
Excited state properties at the interface between molecular crystals and Au

דוד שוורדט
David Schwerdt

תואר שני במדעי הפיסיקה
בהדרכת פרופ' רועי עוזרי

MSc in Physical Sciences
Advisor: Prof. Roee Ozeri

Thesis:
Fabrication of 50-ion trap and analysis of the toric code in a trapped ion system

אריאל שאולקר
Ariel Shaulker

תואר שני במתמטיקה ומדעי המחשב
בהדרכת פרופ' שחר דובזינסקי

MSc in Mathematics and Computer Science
Advisor: Prof. Shahar Dobzinski

Thesis:
Improved lower bounds for truthful scheduling

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עומר שמיר
Omer Shamir

תואר שני במתמטיקה ומדעי המחשב
בהדרכת פרופ' רונן אלדן

MSc in Mathematics and Computer Science
Advisor: Prof. Ronen Eldan

Thesis:
Log concavity and concentration on the Boolean hypercube

גילי שלו שלוסר
Gili Shalev Schlosser

תואר שני במדעי החיים
בהדרכת פרופ' יובל אשד

MSc in Life Sciences
Advisor: Prof. Yuval Eshed

Thesis:
Genetic dissection of non-florigenic floral promoting signals in tomato

סער שוער
Saar Shoer

תואר שני במדעי החיים
בהדרכת פרופ' ערן סגל

MSc in Life Sciences
Advisor: Prof. Eran Segal

Thesis:
Novel approaches to microbiome analysis from multiple body sites

יוגב שפילמן
Yogev Shpilman

תואר שני במדעי הפיסיקה
בהדרכת פרופ' יוסף ניר
פרופ' גלעד פרז

MSc in Physical Sciences
Advisor: Prof. Yosef Nir
Prof. Gilad Perez

Thesis:
Probing ultra light dark matter via the neutrino portal and new physics with Rydberg states

יונתן שמעוני
Yonatan Shimoni

תואר שני במדעי הכימיה
בהדרכת פרופ' עודד אהרונסון

MSc in Chemical Sciences
Advisor: Prof. Oded Aharonson

Thesis:
The influence of equation of state on dynamics of Pluto-like impacts

סרגיי שמס
Sergei Shames

תואר שני במדעי הפיסיקה
בהדרכת פרופ' נירית דודוביץ

MSc in Physical Sciences
Advisor: Prof. Nirit Dudovich

Thesis:
Through the looking-glass: The effect of mirror symmetry on attosecond electron dynamics in solids revealed by HHG polarimetry

יובל תמיר
Yuval Tamir

תואר שני במדעי הפיסיקה
בהדרכת פרופ' עדי שטרן
פרופ' יובל אורג

MSc in Physical Sciences
Advisosr: Prof. Ady Stern
Prof. Yuval Oreg

Thesis:
Calculating the current-voltage characteristics of topological Josephson junctions

אנטון שרקין-גורבולין
Anton Charkin-Gorbulin

תואר שני במדעי הפיסיקה
בהדרכת פרופ' עילם גרוס

MSc in Physical Sciences
Advisor: Prof. Eilam Gross

Thesis:
Application of deep learning for improvement of particle flow algorithm for dijet events

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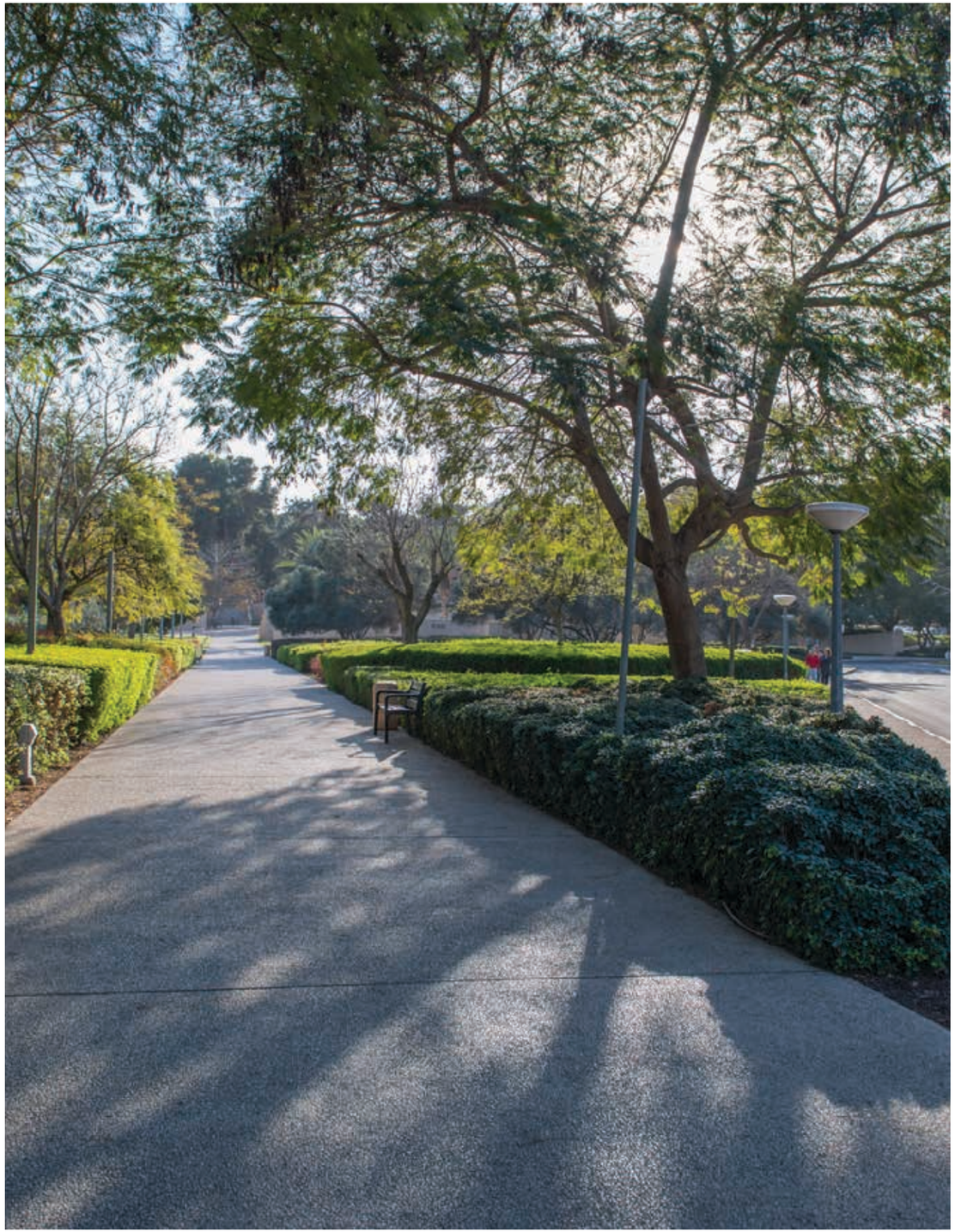

Recipients of MSc without thesis in Science Teaching

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.

Reut Alon
Moshera Atawna
Shifra Briga
Lubna Elkrenawe
Yamama Fadila
Gal Friedman
Rachel Gati
Herut Gur Arye
Gilad Granit
Tsofnat Hagin-Metzer
Noy Hershkovich
Tuvel Kolman
Sivan Leibushor - Okanin
Adi Lichtenstein
Netanel Medina
Vida Motiei
Hiba Nasser
Immanuel Ovadia
Ayellet Raviv
Miriam Sarussi
Michael Shkolnik
Michael Tomilin
Itai Yechezkely

לובנה אלקרינאוי
Lubna Elkrenawe

תואר שני ללא תזה בהוראת המדעים
MSc without thesis in Science Teaching

מושירה אלעטאונה
Moshera Atawna

תואר שני ללא תזה בהוראת המדעים
MSc without thesis in Science Teaching

רעות אלון
Reut Alon

תואר שני ללא תזה בהוראת המדעים
MSc without thesis in Science Teaching

גילעד גרניט
Gilad Granit

תואר שני ללא תזה בהוראת המדעים
MSc without thesis in Science Teaching

חרות גור אריה
Herut Gur Arye

תואר שני ללא תזה בהוראת המדעים
MSc without thesis in Science Teaching

שפרה בריגה
Shifra Briga

תואר שני ללא תזה בהוראת המדעים
MSc without thesis in Science Teaching

צופנת חגין-מצר
Tsofnat Hagin-Metzer

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MSc without thesis in Science Teaching

נוי הרשקוביץ
Noy Hershkovich

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רחל גתי
Rachel Gati

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סיוון לייבושור אוקנין
Sivan Leibushor - Okanin

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איתי יחזקאלי
Itai Yechezkely

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מיכאל טומילין
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וידה מוטיאי
Vida Motiei

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נתנאל מדינה
Netanel Medina

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עדי ליכטנשטיין
Adi Lichtenstein

תואר שני ללא תזה בהוראת המדעים
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עמנואל עובדיה
Immanuel Ovadia

תואר שני ללא תזה בהוראת המדעים
MSc without thesis in Science Teaching

מרים סרוסי
Miriam Sarussi

תואר שני ללא תזה בהוראת המדעים
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היבה נאסר
Hiba Nasser

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ימאמה פדילה
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איילת רביב
Ayellet Raviv

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MSc without thesis in Science Teaching

מיכאל שקולניק
Michael Shkolnik

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With gratitude to the supporters of the Feinberg Graduate School at the Weizmann Institute of Science

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

The Weizmann Institute created five 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 contact with the international science community, and even greater exposure to world leaders in their fields of study.

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, financier 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 activities for students of mathematics and computer sciences.

The **Ekard Research School of Biological Sciences** was also established in 2009, through an anonymous donation from a member of the Weizmann Institute International Board. The Ekard School provides funding to attract guest lecturers and visiting scientists working 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 at the Weizmann Institute to explore the nature of the universe from the smallest particles to the most distant galaxies.

The David Lopatie Fellows Up to four David Lopatie Fellows are selected each year by the Dean of the Feinberg Graduate School from among the new MSc students in the regular track. They are selected based on exceptional academic performance in their undergraduate studies. The prestigious award includes a personal travel allowance for scientific meetings, workshops, and more.

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 among the many scientists throughout the world who began their careers at the Weizmann Institute. Today's graduates are tomorrow's scientific leaders.