Feinberg Graduate School

Graduates 2022

מכון ויצמן למדע
WEIZMANN INSTITUTE OF SCIENCE

Feinberg Graduate School
in The David Lopatie Hall of Graduate Studies

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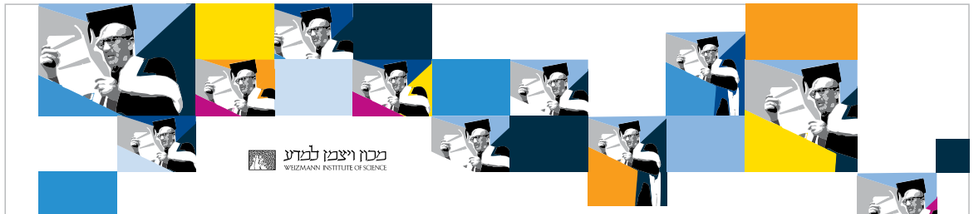


מדרשת פיינברג של מכון ויצמן למדע
מתכבדת להזמינך

לטקס הענקת תארי מוסמך ודוקטור לפילוסופיה ולהכרזה על פרסים למצטיינים

יום רביעי, כ"ג בסיוון תשפ"ב, 22 ביוני 2022
בשעה 19:00
בכיכר הזיכרון לשואה ע"ש משפחת דוד ופלה שאפל
מכון ויצמן למדע, רחובות

The Feinberg Graduate School of the Weizmann Institute of Science cordially invites you to the

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

Wednesday, June 22, 2022
19:00
David and Fela Shapell Family Holocaust Memorial Plaza
Weizmann Institute of Science, Rehovot

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

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

אורחת כבוד:

קרן לייבוביץ
אלופה פאראלימפית

Guest of honor:

Keren Leibovitch
Paralympic athlete and medalist

דברים בשם הבוגרים:

ד"ר רועי דוד מזור
המחלקה לאימונולוגיה

On behalf of the graduates:

Dr. Roei David Mazor
Department of Immunology

מוסיקה:

אניה בוקשטין

Music:

Ania Bukstein

לתשומת לב המוזמנים:

- הכניסה לאירוע מותנית בהצגת אישור הרישום לאירוע.

אורחים בעלי צרכים מיוחדים מתבקשים לתאם מראש את הגעתם עם המדרשה (08-934-4170) כדי לקבל את הסיוע הדרוש.

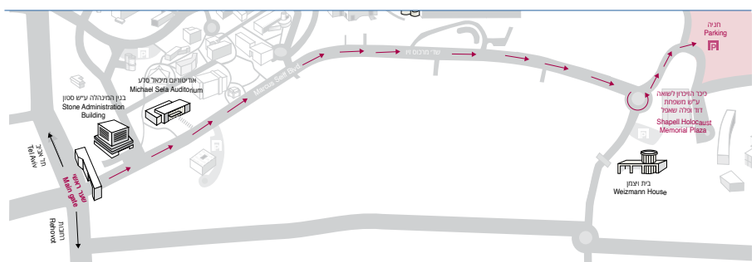
הכניסה לאתר האירוע ולמתחם המושבים תתאפשר מהשעה 18:15 עד 18:55.

האירוע יתקיים בכפוף להנחיות הקורונה כפי שיהיו בתוקף במועד האירוע.

לצפייה בשידור הישיר של הטקס, למי שנבצר ממנו להשתתף, נא ללחוץ כאן.

Please note the following:

- Entry to the event will be subject to presenting confirmation of registration to the event.
- Guests with special needs concerning access to the site are kindly requested to notify Feinberg Graduate School 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.
- The event will be held according to the coronavirus guidelines valid at the time of the event.
- To view the live broadcast, for those unable to attend the ceremony, please click here.



Contents

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.

Weizmann Institute of Science | **Feinberg Graduate School** | 2022 Graduates

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.

Weizmann Institute of Science | **Feinberg Graduate School** | 2022 Graduates

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 families of the graduates.

I want to congratulate you on achieving this incredible milestone: an advanced degree from the Weizmann Institute of Science. This success is not to be taken for granted, especially after two-and-a-half years of the coronavirus pandemic. MAZAL TOV!

Your success is our success. You will go out into the world and make a difference, and in this way, the Weizmann Institute has an enormous, worldwide impact on science.

Some of you are headed to careers in academia, others to industry, others to education and beyond. No matter which path you choose, you will bring with you not only your scientific knowledge but the spirit of science—the curiosity, the aspiration to search for truth, to reveal new knowledge to the world.

To the families of our graduates, I want to say: The Weizmann Institute may have educated your graduate for the last handful of years, but it was you who laid the path to our front door, offering the support and the encouragement that is essential in developing careers in science.

Thank you all,

Prof. Alon Chen

Prof. Gilad Perez
Dean,
Feinberg Graduate School

Dear graduates and families,

I would like to highlight and celebrate two aspects of your journey here: courage and freedom.

Now, why should we talk about courage: First, you've all shown courage when you chose to follow your passion and pursue graduate studies in basic science, here at Weizmann. Doing this with no guaranteed outcome, many times being outside of your comfort zone, away from your alma mater (and possibly country) when there are so many materialistic options out there, pulling you into more practical paths.

Second, doing basic research implies that you all had to face the sometimes terrifying feeling of not knowing if there is an answer to your scientific question. Yet you all overcame this challenge, obtained new results and/or new discoveries, rightfully earning your Master and PhD degrees. This has some undeniable truth in it and worth celebrating.

Dear Graduates, scientific progress strives to generate new information, and that is not easy; there is no algorithm for it, and everyone has to find their way on their own. But there is one key element without which basic research will cease of its own accord and simply die, and that is freedom.

It is the freedom to think, to choose what to investigate, and the freedom of how to investigate, and with whom to cooperate. One of the fundamentals of our work here at the Institute is that we allow our researchers to have almost complete autonomy ("bottom up"), and we invite all outstanding students to come and join us. As we see it, this is the only way to surge beyond the current limits of human knowledge. Currently, the striving for true ideological and physical freedom unfortunately takes on new meaning, when around us entire nations are losing their freedom. I am pleased that all of you here experienced full academic freedom on the course of successfully conducting your research efforts, and that is something that is worth celebrating.

We hope that the joy of freedom of thought, and the courage with which you conducted your research, will accompany in all your future endeavors.

Dear graduates: MAZAL TOV and congratulations!

Prof. Gilad Perez

Weizmann Institute of Science | **Feinberg Graduate School** | 2022 Graduates

Prof. Daniella Goldfarb
Chair,
Scientific Council

Dear graduates,

On behalf of the Weizmann Institute of Science Scientific Council I would like to congratulate you, our graduates, on the day you receive your PhD and MSc degrees for which you worked so hard. The Weizmann Institute Scientific Council is comprised of all the Institute's professors. It engages in the Institute's academic affairs, among them approving the recommendation of the Feinberg Graduate School to award you these degrees.

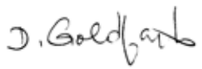
This a special and important day for you, and it is also very significant for us, the scientists, your advisors, for whom an important and central part of our work, in addition to research, is educating the next generation of scientists. Each year, along with my colleagues, I am proud of you, excited with you each time anew.

The world as we knew it changed considerably over the past two years: we experienced a pandemic that disrupted our lives, and the outbreak of a merciless war in Europe after we believed that such events were a bygone, and in Israel we are witnessing a surge of physical and verbal violence, both face to face and digital on social media. But remember - science has no borders, it is a unifying force that brings people together in the face of all these difficult situations, and we, the scientists, must continue to uphold this invaluable value.

Our thanks and best wishes to your families that accompanied you along the way, supported and encouraged when you experienced failures and celebrated your successes with you. After all, how can we appreciate success if we have not experienced failure.

One of the hallmarks of the Weizmann Institute, is its international atmosphere, which stems from our many graduates that come from all over the globe. Now that you leave the Weizmann to the next station in your scientific career, you carry with you the very special spirit and values of this institute: lowering boundaries, embracing curiosity, questioning and not fearing exploring uncharted territories. These are cherished not only in the academic world. Finally I quote the great Physicist Richard Feynman "We absolutely must leave room for doubt or there is no progress and no learning."

Congratulations and much success.



Prof. Daniella Goldfarb

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

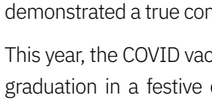
Dear graduates,

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

Weizmann Institute of Science | **Feinberg Graduate School** | 2022 Graduates

Keren Leibovitch
Paralympic athlete and medalist

To attain a gold medal you have to invest years of hard work and numerous hours every day, even when it gets difficult, when you're tired. I'm sure you all know the feeling.

I was wounded when serving in the army, in the officer's course. Due to a deviation from procedures I carried an inappropriately heavy load and my back did not withstand the weight and collapsed.

I underwent two spinal surgeries. At the end of the rehabilitation process I could walk short distances with crutches and used a wheelchair for longer distances. I participated as a swimmer in three Olympic Games and won seven medals, four of them gold.

Sixteen years ago, with the worsening of my injury, I underwent complex shoulder surgery, with surgery complications that resulted in a paralyzed arm. This predicament forced me to get around only in a wheelchair and robbed me of the dream to sit on the podium with my children and to end the sports chapter in my life.

To gain a sense of closure I decided to try to swim across the English Channel. My coach and I estimated that the crossing would take about 17 hours. A long swim of this magnitude requires enormous aerobic endurance, significant mental endurance, and an insulating layer of fat because of the very cold water. In order to gain weight uniformly I began to practice Pilates. After about a year of practice I felt that my paralyzed abdomen could support me in the wheelchair, and I changed my dream. I decided that I would walk again.

Eight years ago, following a long training process of about three years and about five hours a day, I was able to get up from the wheelchair, and today I walk with the help of crutches. I developed a work method that is based on Pilates and uses the center of the body as a stabilizer and as a producer of movement. Using this method I take people with a disability or a physical limitation through a physical rehabilitation process, which in most cases is also mental, and sometimes even spiritual, and help them walk again, or at least significantly improve their quality of life. Enhancing the quality of life, physically and mentally, has a ripple effect, inspiring good among those in the trainee's immediate circle as well as among more distant circles. I feel that by helping these people I am doing good.

Observing the trainees' rehabilitation process enables me to understand the relationship between body, emotion, mind and spirit in the make-up of humans. The physical rehabilitation process while regaining control over both physical and mental strengths, is in my eyes analogous to the development of a new idea. Sometimes there is a flash of a mental picture of the place we aspire to reach physically. This place becomes a goal to be achieved through a Sisyphean process of tiny steps in the general direction of increased strength and understanding, and these tiny steps are what enables us to set a goal. Among my trainees the goal may be to walk again, and for you certain research.

A goal is like the sun, like a spotlight. It marks and illuminates the path and enables a process of growth, change and understanding. A goal can propel you forward, and therefore in setting it you must aim as high as possible, even higher than what you imagine possible - because a goal is something to aspire to, not necessarily to achieve. Sometimes, by the very act of walking on the path towards the goal you discover wonderful things. Sometimes you even discover the good.

All of you, the recipients of the advanced degrees, are most likely familiar with walking this Sisyphean path.

Plato said that the one most suited to rule is the philosopher king, as they know what is good and do good.

Dear graduates, you are our knowers of the good. Go out and do good.

Weizmann Institute of Science | **Feinberg Graduate School** | 2022 Graduates

On behalf of the graduates
Dr. Roei Mazor
Department of Immunology

Honorable guests, dear graduates:

My private journey to uncover scientific truths began unknowingly, almost two decades ago, while accompanying my late mother among hospital oncology departments. It is the nature of human beings, it seems, to spend their days worrying about the small things, without understanding that the genuine reasons for concern await us and surprise us, without warning, out of the blue.

The human body is one of the most complex and complicated creations. An unprecedented wonder. A real miracle. An end product developed, formed, augmented, and adapted to the environment by virtue of natural selection over about 3.5 billion years. We are composed of tens of trillions of cells, their number surpassing that of all the fixed stars in our galaxy. A highly mixed variety of cells, meticulously organized and specialized in a panorama of functions, that work together, in perfect congruence, like the best of orchestras. However, sometimes, only one recalcitrant player is needed in order to disrupt the music.

Cancer in particular, and disease in general, together present one of the most stubborn and significant challenges in the history of humankind. However, it is only one challenge among many. The challenges which the future brings are the most difficult and complex in our generation. Most of them, should they arise, are the stumbling blocks that separate us from a better future for us and for our children. Some will even determine the future of our existence on this earth. The pessimists will say that we have crossed the Rubicon. That we have passed the point of no return. And in general, that it is beyond our ability to overcome the already slim chances of climbing these summits. They will say that we face the improbable, the unsolvable, the impossible.

These challenges, will we be able to overcome them?

Just imagine the enthusiasm of Gregor Mendel, the father of modern genetics, if in 1863 he was told that we had long ago mapped the human genome; that genetic engineering is gradually making terrible genetic diseases a relic of the past, and that we are reaping achievements in eradicating malignant diseases using immune cells genetically engineered to seek and destroy cancer cells.

Imagine the reaction of Johannes Kepler, who about four hundred years ago described the orbit of the planets around the sun. Imagine his amazement if he heard that humans had burst the boundaries of the heavens and sent spaceships to the planets and to the void beyond. Imagine his response if he heard that a space telescope named after him found countless earth-like planets, in foreign solar systems, across endless distances that are virtually unfathomable.

Weizmann Institute of Science | **Feinberg Graduate School** | 2022 Graduates

These challenges, will we be able to overcome them? We definitely will! It is within our reach if we only choose to do so.

We will choose to overcome them, and we will prevail, despite the accumulated difficulties, the great frustration and the uncertainty. We will be able to overcome them with creativity and curiosity, with dedication and a belief in the rightness of the cause. We will be able to overcome them by striving for the unknown and a vision of being a part of something bigger than us. We will be able to overcome them with farsightedness, with determined persistence and by aspiring for a better tomorrow. We will be able to overcome them in the aim of illuminating our path going forward. Close your eyes and just imagine, what discoveries, scientific breakthroughs and unprecedented technological leaps still await us beyond the time of our generation, in our children's generation.

The scientific method is a tool for building human knowledge. It is a means at our disposal, the driving force for bringing progress. The Weizmann Institute of Science, this amazing place hosting us now, is a living example of this, and time is too short to elaborate. In 1965 Sir Isaac Newton coined an iconic phrase that accompanies every scientist to this day: "if I have seen further than my peers it is by standing on the shoulders of giants". In building knowledge, we build our part, on the solid foundations laid by our predecessors. There is no better distillation of the nature of this place and its giants.

I would like to thank Professor Ziv Shulman and Professor Irit Sagi, my advisors, for the massive wind beneath my wings. In doing so, on behalf of the graduates I would like to thank all the heads of the research groups at the Weizmann Institute of Science; the faculty scientists; the technical faculty and the staff in the research support divisions; our student and post-doctoral colleagues; the secretaries and administrative heads in the science departments, and the Feinberg Graduate School staff. Our success is your success. Finally, a special thanks is owed to our families for their unwavering support at home, without which we could not have come this far. Among them, my parents, Avi and Etty, my wife Mira, and my children – Harel, Yair and Tamar.

Our children are our future. We will do well to cultivate their curiosity, to instill in them the love of science and learning, impart the tools for critical thinking and underscore the importance of a strong moral backbone. If we can instill in them the belief, that no dream is too big for them. If we place them on the right path. Then, when the day comes, they, the architects of the future, will embark on their own journey to study the truth, on their way to scaling new heights.

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. Abhishek Banerjee

Advisor: Prof. Gilad Perez, Department of Particle Physics and Astrophysics

Dr. Yoni Kasten

Advisor: Prof. Ronen Basri, Department of Computer Science and Applied Mathematics

Ms. Adi Egozi

Advisor: Prof. Shalev Itzkovitz, Department of Molecular Cell Biology

Mr. Tamir Eliav

Advisor: Prof. Nachum Ulanovsky, Department of Brain Sciences

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. Rotem Tsabary

Advisor: Prof. Zvika Brakerski, Department of Computer Science and Applied Mathematics

Dr. Dan Deviri

Advisor: Prof. Sam Safran, 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.

Mr. Gur Lubin

Advisor: Prof. Dan Oron, Department of Physics of Complex Systems

Dr. Nir Galili

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

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. Amit Aharon Steinberg

Advisor: Prof. Eli Zeldov, Department of Condensed Matter Physics

The Elchanan E. Bondi Memorial Prize

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

Mr. Eran Zafrani

Advisor: Prof. Anat Yarden, 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.

Mr. Avraham Moriel

Advisor: Prof. Eran Bouchbinder, Department of Chemical and Biological Physics

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. Gabriel Javitt

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

Mr. Ilai Guendelman

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

Prizes for outstanding PhD students

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.

Ms. Nitzan Tal

Advisor: Prof. Rotem Sorek, Department of Molecular Genetics

The Giora Yoel Yashinski Memorial Prize

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

Dr. Gal Manella

Advisor: Prof. Gad Asher, Department of Biomolecular Sciences

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.

Mr. Yinon Moise Bar-On

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

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. Liron Sheintuch

Advisor: Prof. Yaniv Ziv, Department of Brain Sciences

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.

Mr. Itamar Vigdorovich

Advisor: Prof. Uri Bader, Department of Mathematics

The Haim Holtzman Memorial Prize

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

Dr. Lia Heinemann Yerushalmi

Advisor: Prof. Elazar Zelzer, Department of Molecular Genetics

The Menashe Milo Memorial Prize

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

Mr. Ido Rog

Advisor: Dr. Tamir Klein, Department of Plant and Environmental Sciences

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. Shir Nevo (Katz)

Advisor: Prof. Jakub Abramson, Department of Immunology

The Dean's Prize for PhD Students

Dr. Roei David Mazor

Advisors: Prof. Ziv Shulman and
Prof. Irit Sagi, Department of Immunology

Prizes for outstanding MSc students

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. Oryna Ivashtenko
Advisor: Dr. Barak Zackay, Department of Particle Physics and Astrophysics

The Dean's Prize for outstanding MSc students

Mr. Federico De Vito Halevy
Advisors: Dr. Shikma Bressler and
Prof. Yosef Nir, Department of Particle Physics and Astrophysics

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

Mr. Dor Mezer
Advisor: Prof. Dmitry Gourevitch, Department of Mathematics

Mr. Guy Kornowski
Advisor: Prof. Ohad Shamir, Department of Computer Science and Applied Mathematics

Ms. Hodaya Koslowsky
Advisor: Prof. Ronen Basri, Department of Computer Science and Applied Mathematics

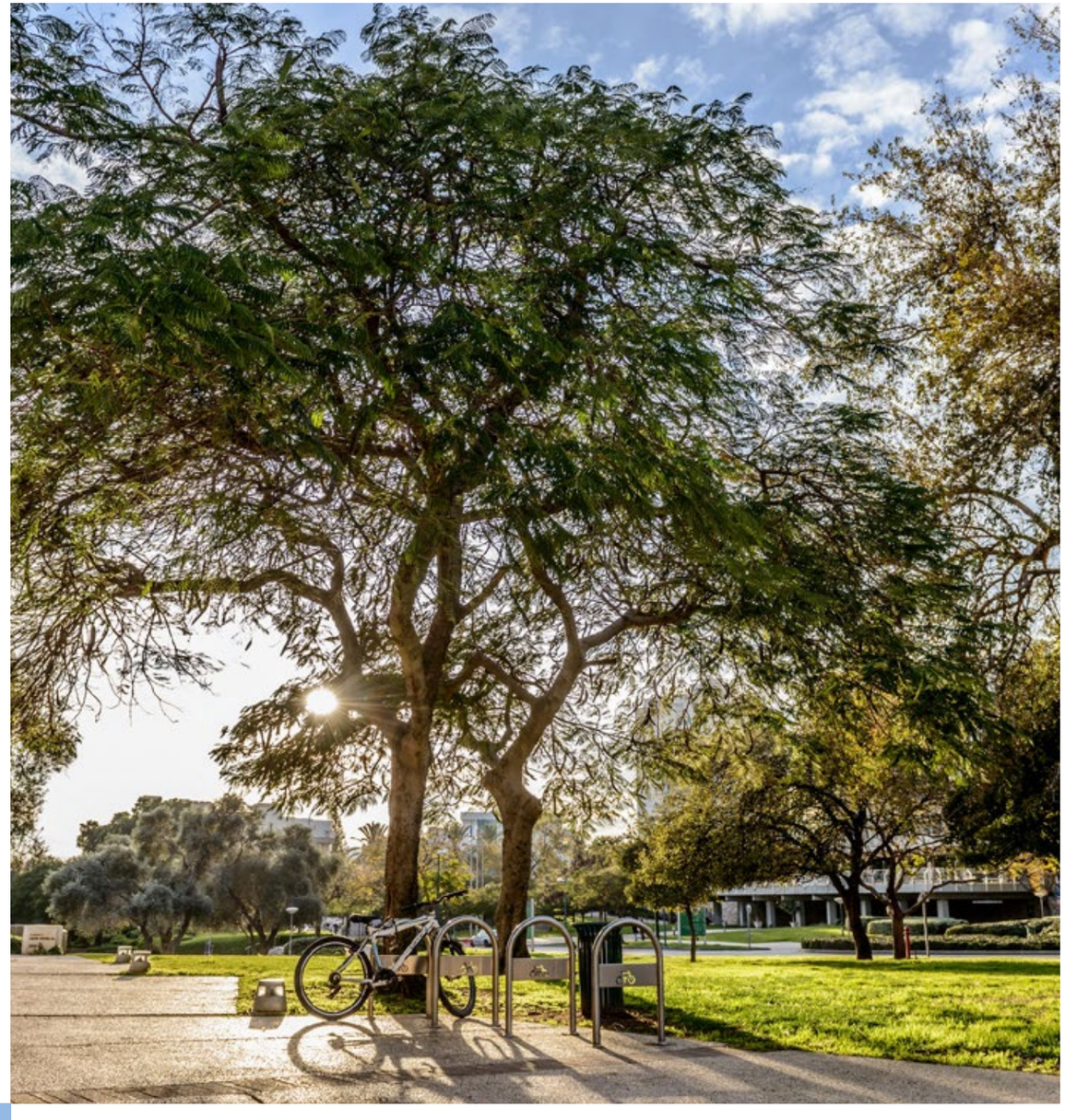
Mr. Philip Alexander Freund
Advisor: Prof. Mike Fainzilber, Department of Biomolecular Sciences

Mr. Avi Gluck
Advisor: Prof. Noam Stern-Ginossar, Department of Molecular Genetics

Ms. Gal Goldman
Advisor: Prof. Elad Schneidman, Department of Brain Sciences

Mr. Vladyslav Holiar
Advisor: Dr. Moshe Biton, Department of Immunology and Regenerative Biology

Mr. Amit Kahana
Advisors: Prof. Doron Lancet and
Prof. Oded Aharonson, Department of Molecular Genetics



Competitive Fellowships

For outstanding PhD students

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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

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Dr. Ruti Agou Ben Shlomi
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Dr. Ayelet Avin Golan
Dr. Snir Ben Ovadia
Dr. Shani Ben-Moshe
Dr. Rajarshi Bhattacharyya
Dr. Reut Bickels Nuri
Dr. Lavi Bigman
Dr. Karin Broennimann
Dr. Shachar Carmeli
Dr. Michal Chappleboim
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Dr. Sandipan Dasgupta
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Dr. Noa Eren
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Dr. Nitzan Geva
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Dr. Charlotte Amalie Grenov
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Dr. Dan Mikulincer
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Dr. Boaz Avraham Negin
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Dr. Yael Nurick
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Dr. Ran Reuven Orgad
Dr. Prerna Paliwal
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Dr. Ofer Regev
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Dr. Ido Rog
Dr. Hagai Rossman
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Dr. Xin Yan
Dr. Eden Yifrach
Dr. Yu Zhang

ד"ר מיה אמיתי
Dr. Maya Amitai

המחלקה למדעי המוח
בהדרכת פרופ' אלון חן

Department of Brain Sciences
Advisor: Prof. Alon Chen

Thesis:
Biomarkers predicting response and adverse events in depressed and anxious children and adolescents treated with SSRIs

ד"ר חן איתן
Dr. Chen Eitan

המחלקה לגנטיקה מולקולרית
בהדרכת פרופ' ערן הורנשטיין

Department of Molecular Genetics
Advisor: Prof. Eran Hornstein

Thesis:
Role of regulatory non-coding regions in the pathogenesis of Amyotrophic Lateral Sclerosis

ד"ר שי איזנברגר
Dr. Shay Eizenberger

המחלקה לביולוגיה מולקולרית של התא
בהדרכת פרופ' ורדה רוטר

Department of Molecular Cell Biology
Advisor: Prof. Varda Rotter

Thesis:
Unraveling the mechanism underlying mutant p53 reactivation by small peptides: Towards a novel anti-cancer therapy

ד"ר לביא ביגמן
Dr. Lavi Bigman

המחלקה לביולוגיה מבנית וכימית
בהדרכת פרופ' קובי לוי

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

Thesis:
Disorder in molecular trafficking and protein stability

ד"ר רג'רשי בטצ'ריה
Dr. Rajarshi Bhattacharyya

המחלקה לפיסיקה של חומר מעובה
בהדרכת פרופ' מוטי הייבלום

Department of Condensed Matter Physics
Advisor: Prof. Moty Heiblum

Thesis:
Electron and quasiparticle interferometry in the quantum hall regime

ד"ר נועה ארן
Dr. Noa Eren

המחלקה למדעי המוח
בהדרכת פרופ' אלון חן

Department of Brain Sciences
Advisor: Prof. Alon Chen

Thesis:
Social behavior in a social context: Lessons from studying genetic and neuronal manipulations affecting social behavior in a complex environment

ד"ר עדי אולמן
Dr. Adi Ulman

המחלקה לאימונולוגיה
בהדרכת ד"ר יפעת מרבל

Department of Immunology
Advisor: Dr. Yifat Merbl

Thesis:
Deciphering ubiquitin-dependent mechanisms of protein and cellular function

ד"ר רותי אגו בן שלומי
Dr. Ruti Agou Ben Shlomi

המחלקה לפיסיקה של מערכות מורכבות
בהדרכת פרופ' רועי עוזרי

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

Thesis:
When a cold atom meets an excited ion: A single optical ion qubit in a meta-stable state surrounded by ultra-cold atoms

ד"ר איילת אבין גולן
Dr. Ayelet Avin Golan

המחלקה לאימונולוגיה
בהדרכת פרופ' יעקב אברמסון

Department of Immunology
Advisor: Prof. Jakub Abramson

Thesis:
Exploiting breakdown of self-tolerance to tissue-specific antigens for cancer immunotherapy

ד"ר אלון איבצן
Dr. Alon Ivtsan

המחלקה למתמטיקה
בהדרכת פרופ' גדי קוזמא

Department of Mathematics
Advisor: Prof. Gady Kozma

Thesis:
Positive speed of tagged particle with jumps of either plus or minus one or two steps in symmetric exclusion process on the one-dimensional integer lattice

ד"ר רן ראובן אורגד
Dr. Ran Reuven Orgad

המחלקה לאימונולוגיה
בהדרכת פרופ' יאיר רייזנר

Department of Immunology
Advisor: Prof. Yair Reisner

Thesis:
Novel pluripotent lung stem cells and their therapeutic potential

ד"ר אלה אופק-גבע
Dr. Ella Ofek-Geva

המחלקה להוראת המדעים
בהדרכת פרופ' דוד פורטס

Department of Science Teaching
Advisor: Prof. David Fortus

Thesis:
How do the personal experiences of adolescents, aged 10-14, affect their affinity toward science and for science learning?

ד"ר דוד גרויה
Dr. David Gruia

המחלקה לביולוגיה מבנית וכימית
בהדרכת ד"ר הגן הופמן

Department of Chemical and Structural Biology
Advisor: Dr. Hagen Hofmann

Thesis:
A new approach to monitor stochastic gene expression at single-molecule resolution

ד"ר עילי גנדלמן
Dr. Ilai Guendelman

המחלקה למדעי כדור הארץ וכוכבי הלכת
בהדרכת פרופ' יוחאי כספי

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

Thesis:
Seasonal effects on planetary climate

ד"ר ניר גלילי
Dr. Nir Galili

המחלקה למדעי כדור הארץ וכוכבי הלכת
בהדרכת פרופ' איתי הלוי

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

Thesis:
Developing iron oxides and oxyhydroxides as paleohydrological and paleoclimatic archives

ד"ר שרלותה אמליה גרנוב
Dr. Charlotte Amalie Grenov

המחלקה לאימונולוגיה
בהדרכת פרופ' זיו שולמן

Department of Immunology
Advisor: Prof. Ziv Shulman

Thesis:
Regulation of the B cell immune response by cell cycle and differentiation mediators

ד"ר ארז יצחק גרינשטיין
Dr. Erez Itzchak Greenstein

המחלקה לאימונולוגיה
בהדרכת פרופ' ניר פרידמן
ד"ר אסף מדי

Department of Immunology
Advisors: Prof. Nir Friedman
Dr. Asaf Madi

Thesis:
Analyzing TCR repertoires of tumor infiltrating lymphocytes

ד"ר יובל גרטי
Dr. Yuval Garty

המחלקה למדעים ביומולקולריים
בהדרכת פרופ' זיו רייך

Department of Biomolecular Sciences
Advisor: Prof. Ziv Reich

Thesis:
Structural modulations of the photosynthetic apparatus in higher plants during varying light conditions

ד"ר שני בן-משה
Dr. Shani Ben-Moshe

המחלקה לביולוגיה מולקולרית של התא
בהדרכת פרופ' שלו איצקוביץ

Department of Molecular Cell Biology
Advisor: Prof. Shalev Itzkovitz

Thesis:
Spatial heterogeneity in the mammalian liver

ד"ר שניר בן עובדיה
Dr. Snir Ben Ovadia

המחלקה למתמטיקה
בהדרכת פרופ' עומרי שריג

Department of Mathematics
Advisor: Prof. Omri Sarig

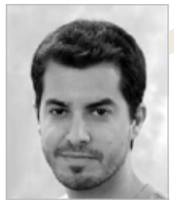
Thesis:
Symbolic dynamics and physical equilibrium measures in non-uniformly hyperbolic dynamics

ד"ר רעות ביקלס נורי
Dr. Reut Bickels Nuri

המחלקה לביולוגיה מבנית וכימית
בהדרכת פרופ' אברהם מינסקי
פרופ' זיו רייך

Department of Chemical and Structural Biology
Advisors: Prof. Abraham Minsky
Prof. Ziv Reich

Thesis:
De novo transcriptome assembly of Acanthamoeba polyphaga and its analysis during Mimivirus infection



ד"ר רון גולדנר
Dr. Ron Goldner

המחלקה למדעים ביומולקולריים
בהדרכת פרופ' אברהם ירון

Department of Biomolecular Sciences
Advisor: Prof. Avraham Yaron

Thesis:
Deciphering the mechanisms of Semaphorin/Plexin signaling in central- and peripheral neurodevelopment

ד"ר ניצן גבע
Dr. Nitzan Geva

המחלקה למדעי המוח
בהדרכת פרופ' יניב זיו

Department of Brain Sciences
Advisor: Prof. Yaniv Ziv

Thesis:
Time and experience dependent evolution of hippocampal memory codes

ד"ר קרן ברנימן
Dr. Karin Broennimann

המחלקה לגנטיקה מולקולרית
בהדרכת פרופ' יוסף שאול

Department of Molecular Genetics
Advisor: Prof. Yosef Shaul

Thesis:
A short non-coding HBV RNA region upregulates R2 by eliciting the cellular DNA damage response

ד"ר שירה הבר
Dr. Shira Haber

המחלקה לכימיה מולקולרית ומדע החומרים
בהדרכת ד"ר מיכל לסקס

Department of Molecular Chemistry and Materials Science
Advisor: Dr. Michal Leskes

Thesis:
The Cathode-Electrolyte Interphase: Structure and functionality probed by solid-state NMR spectroscopy

ד"ר קרן דוד
Dr. Keren David

המחלקה לאימונולוגיה מערכתית
בהדרכת פרופ' עידית שחר

Department of Systems Immunology
Advisor: Prof. Idit Shachar

Thesis:
CD74 as a transcription regulator in healthy and malignant immune cells

ד"ר בנג'מין דוברוי
Dr. Benjamin Dubreuil

המחלקה לביולוגיה מבנית וכימית
בהדרכת פרופ' עמנואל לוי

Department of Chemical and Biological Physics
Advisor: Prof. Emmanuel Levy

Thesis:
Principles of proteome organization and evolution

ד"ר אנה הופמן
Dr. Anna Hoffmann

המחלקה להוראת המדעים
בהדרכת פרופ' רוחמה אבן

Department of Science Teaching
Advisor: Prof. Ruhama Even

Thesis:
The contribution of academic mathematics studies to teaching mathematics in secondary schools: The case of knowledge about the discipline of mathematics

ד"ר דותן הופמן
Dr. Dotan Hoffman

המחלקה לבקרה ביולוגית
בהדרכת ד"ר רועי אברהם

Department of Biological Regulation
Advisor: Dr. Roi Avraham

Thesis:
A novel non-classical monocyte-derived macrophage subset that provides a splenic replication niche for intracellular Salmonella

ד"ר אדם הבר
Dr. Adam Haber

המחלקה למדעי המוח
בהדרכת פרופ' אלעד שניידמן

Department of Brain Sciences
Advisor: Prof. Elad Schneidman

Thesis:
Architecture and function of small neuronal networks

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ד"ר ענת גרשוני
Dr. Anat Gershoni

המחלקה לביולוגיה מולקולרית של התא
בהדרכת פרופ' משה אורן

Department of Molecular Cell Biology
Advisor: Prof. Moshe Oren

Thesis:
The non-cell autonomous role of YAP and TAZ in breast cancer

ד"ר רחל גרק
Dr. Rachel Garrick

המחלקה לכימיה מולקולרית ומדע החומרים
בהדרכת פרופ' ליאור קרוניק

Department of Molecular Chemistry and Materials Science
Advisor: Prof. Leeor Kronik

Thesis:
Exact generalized Kohn-Sham theory for hybrid functionals

ד"ר מיגל אנחל גרסיה קמפוס
Dr. Miguel Angel Garcia Campos

המחלקה לגנטיקה מולקולרית
בהדרכת פרופ' שרגא שוורץ

Department of Molecular Genetics
Advisor: Prof. Schraga Schwartz

Thesis:
Towards single-nucleotide resolution maps of RNA modifications

ד"ר דן דבירי
Dr. Dan Deviri

המחלקה לפיסיקה כימית וביולוגית
בהדרכת פרופ' שמואל שפרן

Department of Chemical and Biological Physics
Advisor: Prof. Sam Safran

Thesis:
Out of equilibrium physics and self-assembly in the cell and the nucleus

ד"ר רז דביר-שטרנפלד
Dr. Raz Dvir-Szternfeld

המחלקה למדעי המוח
בהדרכת פרופ' מיכל שוורץ
פרופ' עידו עמית

Department of Brain Sciences
Advisors: Prof. Michal Schwartz
Prof. Ido Amit

Thesis:
Deciphering the role of resident and infiltrating myeloid cells in Alzheimer's disease

ד"ר סאנדיפאן דאסגופטה
Dr. Sandipan Dasgupta

המחלקה לגנטיקה מולקולרית
בהדרכת פרופ' ג'פרי גרסט

Department of Molecular Genetics
Advisor: Prof. Jeffrey Gerst

Thesis:
mRNA-mediated horizontal gene transfer in mammalian cells

ד"ר קסין יאן
Dr. Xin Yan

המחלקה להיחידה לארכיאולוגיה מדעית
בהדרכת פרופ' אליזבטה בוארטו

Department of Scientific Archeology Unit
Advisor: Prof. Elisabetta Boaretto

Thesis:
Radiocarbon for historical chronology: The Byzantine-Islamic transition in the Negev

ד"ר דווה נישאנת טירוקוטי
Dr. Deva Nishanth Tirukoti

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

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

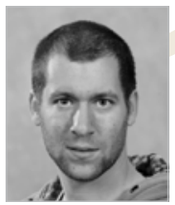
Thesis:
Developing MRI sensors for monitoring Zn2+ in biology

ד"ר איליה טיוטיוניקוב
Dr. Ilia Tutunnikov

המחלקה לפיסיקה כימית וביולוגית
בהדרכת פרופ' איליה אברבוך
פרופ' יחיעם פריאור

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

Thesis:
Spatiotemporal dynamics of molecular rotations and vibrations controlled by intense laser fields



ד"ר שחר כרמלי
Dr. Shachar Carmeli

המחלקה למתמטיקה
בהדרכת פרופ' דמיטרי גורביץ

Department of Mathematics
Advisor: Prof. Dmitry Gourevitch

Thesis:
On the relative de Rham theorem for Nash submersions and on cyclotomic extensions in Chromatic Homotopy Theory

ד"ר יעל כורם כהנים
Dr. Yael Korem Kohanim

המחלקה לביולוגיה מולקולרית של התא
בהדרכת פרופ' אורי אלון

Department of Molecular Cell Biology
Advisor: Prof. Uri Alon

Thesis:
Evolutionary tradeoffs in biological systems

ד"ר עדן יפרח
Dr. Eden Yifrach

המחלקה לגנטיקה מולקולרית
בהדרכת פרופ' מאיה שולדינר

Department of Molecular Genetics
Advisor: Prof. Maya Schuldiner

Thesis:
Systematic multi-level analysis of the peroxisomal proteome as a strategy to reveal new peroxisomal functions

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ד"ר דוד אלן וינר אבאיו
Dr. David Wiener

המחלקה לגנטיקה מולקולרית
בהדרכת פרופ' שרגא שוורץ

Department of Molecular Genetics
Advisor: Prof. Schraga Schwartz

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

ד"ר שי וימר
Dr. Shay Vimer

המחלקה למדעים ביומולקולריים
בהדרכת פרופ' מיכל שרון

Department of Biomolecular Sciences
Advisor: Prof. Michal Sharon

Thesis:
Developing native mass spectrometry approaches for the study of protein complexes

ד"ר ליה היינמן ירושלמי
Dr. Lia Heinemann Yerushalmi

המחלקה לגנטיקה מולקולרית
בהדרכת פרופ' אלעזר זלצר

Department of Molecular Genetics
Advisor: Prof. Elazar Zelzer

Thesis:
Beyond pyruvate dehydrogenase kinase family regulation of PDC during embryogenesis

ד"ר אוהד זיס
Dr. Ohad Suss

המחלקה לביולוגיה מבנית וכימית
בהדרכת פרופ' דוד מרגוליס

Department of Chemical and Structural Biology
Advisor: Prof. David Margulies

Thesis:
Interactions between synthetic agents and protein surfaces: A toolbox for obtaining sensitive protein sensing and mimicking cell signaling

ד"ר יו ז'אנג
Dr. Yu Zhang

המחלקה לכימיה מולקולרית ומדע החומרים
בהדרכת פרופ' יעקב קליין

Department of Molecular Chemistry and Materials Science
Advisor: Prof. Jacob Klein

Thesis:
Friction control between phospholipid-bearing surfaces using electric stimuli

ד"ר יהונתן וינשטיין
Dr. Jonathan Weinstein

המחלקה למדעים ביומולקולריים
בהדרכת פרופ' שראל פליישמן
פרופ' אדי בר

Department of Biomolecular Sciences
Advisors: Prof. Sarel Fleishman
Prof. Edward Bayer

Thesis:
Towards high-throughput protein design

ד"ר מרטינו מדלנה
Dr. Martino Maddalena

המחלקה לביולוגיה מולקולרית של התא
בהדרכת פרופ' משה אורן

Department of Molecular Cell Biology
Advisor: Prof. Moshe Oren

Thesis:
Mutp53 in pancreatic cancer: Biological and therapeutic implications

ד"ר הארש מאן
Dr. Harsh Maan

המחלקה למדעי הצמח והסביבה
בהדרכת פרופ' אסף אהרוני
ד"ר אילנה קולודקין-גל

Department of Plant and Environmental Sciences
Advisors: Prof. Asaph Aharoni
Dr. Ilana Kolodkin-Gal

Thesis:
The regulation of antibiotic production in Bacillus subtilis at ecologically relevant scenarios

ד"ר תומר לנדסברגר
Dr. Tomer Landsberger

המחלקה לאימונולוגיה
בהדרכת פרופ' עידו עמית
פרופ' מיכל שוורץ

Department of Immunology
Advisors: Prof. Ido Amit
Prof. Michal Schwartz

Thesis:
The bright side and the dark side of the immune system in cancer and aging

ד"ר יונתן מורג
Dr. Jonathan Morag

המחלקה לפיסיקה של חלקיקים ואסטרופיסיקה
בהדרכת פרופ' אלי וקסמן

Department of Particle Physics and Astrophysics
Advisor: Prof. Eli Waxman

Thesis:
Analytic model for core-collapse supernovae shock cooling emission calibrated to multigroup diffusion simulations

ד"ר אורי אזרח מור מרקובסקי
Dr. Ori Ezrah Mor Markovsky

המחלקה לפיסיקה כימית וביולוגית
בהדרכת פרופ' ברק דיין
פרופ' אברהם שנצר

Department of Chemical and Biological Physics
Advisors: Prof. Barak Dayan
Prof. Abraham Shanzer

Thesis:
A new platform for light-matter interaction based on Rare-Earth complexes coating of a tapered nano fibre

ד"ר יונתן דניאל מולר
Dr. Jonathan Daniel Muller

המחלקה למדעי כדור הארץ וכוכבי הלכת
בהדרכת פרופ' דן יקיר

Department of Earth and Planetary Sciences
Advisor: Prof. Dan Yakir

Thesis:
Linking ecosystem productivity to radiative and non-radiative energy management in semi-arid forests

ד"ר דן לוי
Dr. Dan Levy

המחלקה לפיסיקה של מערכות מורכבות
בהדרכת פרופ' ויקטור ארמנד מלכא

Department of Physics of Complex Systems
Advisor: Prof. Victor Armand Malka

Thesis:
Laser-plasma ion acceleration with combined gas-foil targets

ד"ר ענבל רחל לבני נבון
Dr. Inbal Rachel Livni Navon

המחלקה למדעי המחשב ומתמטיקה שימושית
בהדרכת פרופ' אירית דינור

Department of Computer Science and Applied Mathematics
Advisor: Prof. Irit Dinur

Thesis:
Applications of expander graphs in theoretical computer science

ד"ר רן לבנה
Dr. Ron Livneh

המחלקה לפיסיקה של חלקיקים ואסטרופיסיקה
בהדרכת פרופ' בועז כץ

Department of Particle Physics and Astrophysics
Advisor: Prof. Boaz Katz

Thesis:
Type Ia supernovae spectral features

ד"ר ונהונג לי
Dr. Wenhong Li

המחלקה לאימונולוגיה
בהדרכת פרופ' בנימין גיגר
פרופ' אלכסנדר ברשדסקי

Department of Immunology
Advisors: Prof. Benjamin Geiger
Prof. Alexander Bershadsky

Thesis:
Novel features of actin cytoskeleton and cell-matrix adhesion revealed by cell spreading on galectin-8 coated substrate

ד"ר אלון לוסקי
Dr. Alon Luski

המחלקה לפיסיקה כימית וביולוגית
בהדרכת פרופ' אדוארדס נרייביצ'יוס

Department of Chemical and Biological Physics
Advisor: Prof. Ed Narevicius

Thesis:
Vortex beams of atoms and molecules

ד"ר הדס לוינסקי
Dr. Hadas Lewinsky

המחלקה לאימונולוגיה
בהדרכת פרופ' עידית שחר

Department of Immunology
Advisor: Prof. Idit Shachar

Thesis:
The role of CD84 as a regulator of the immunosuppressive microenvironment in cancer

ד"ר תום מנוביץ'
Dr. Tom Manovitz

המחלקה לפיסיקה של מערכות מורכבות
בהדרכת פרופ' רועי עוזרי

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

Thesis:
Methods in quantum computation, simulation and measurement with trapped ion chains

ד"ר סימון מלר
Dr. Simon Mahler

המחלקה לפיסיקה של מערכות מורכבות
בהדרכת פרופ' ניר דוידזון
פרופ' אשר פריזם

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

Thesis:
Phase transitions with coupled lasers array

ד"ר אסף מירון
Dr. Asaf Miron

המחלקה לפיסיקה של מערכות מורכבות
בהדרכת פרופ' דוד מוכמל
פרופ' גרגורי פלקוביץ

Department of Physics of Complex Systems
Advisors: Prof. David Mukamel
Prof. Gregory Falkovich

Thesis:
Anomalous diffusion and transport in finite systems and geometric constraints outside equilibrium

ד"ר נטע מרמור-קולט
Dr. Neta Marmor-Kollet

המחלקה לביולוגיה מולקולרית של התא
בהדרכת פרופ' אורן שולדינר

Department of Molecular Cell Biology
Advisor: Prof. Oren Schuldiner

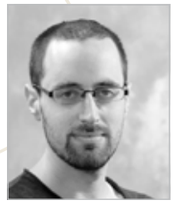
Thesis:
Neuron-glial interactions during development of the mushroom body neuropil in Drosophila melanogaster

ד"ר יבגני מקגון
Dr. Evgeniy Makagon

המחלקה לכימיה מולקולרית ומדע החומרים
בהדרכת פרופ' איגור לובומירסקי

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

Thesis:
Electro(chemo)mechanical properties of non-stoichiometric oxides



ד"ר גל מנלה
Dr. Gal Manella

המחלקה למדעים ביומולקולריים
בהדרכת פרופ' גד אשר

Department of Biomolecular Sciences
Advisor: Prof. Gad Asher

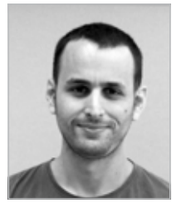
Thesis:
Principles of mammalian peripheral circadian clock resetting

ד"ר דפנה מידן
Dr. Daphne Meidan

המחלקה למדעי כדור הארץ וכוכבי הלכת
בהדרכת פרופ' ינון רודיך

Department of Earth and Planetary Sciences
Advisor: Prof. Yinon Rudich

Thesis:
Nocturnal secondary chemistry and its effect on atmospheric products in a biogenic volatile organic compound rich environment



ד"ר רועי דוד מזור
Dr. Roei David Mazor

המחלקה לאימונולוגיה
בהדרכת פרופ' זיו שולמן
פרופ' אירית שגיא

Department of Immunology
Advisors: Prof. Ziv Shulman
Prof. Irit Sagi

Thesis:
Deciphering the nature of the antibody mediated immune response in the pathogenesis of ovarian carcinoma

ד"ר בהרט ויג'איראגאואן מורליקרישנאן
Dr. Bharath Vijayaragava Muralikrishnan

המחלקה לביולוגיה מולקולרית של התא
בהדרכת פרופ' אליאור (אורי) פלס

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

Thesis:
Inhibitory signals controlling CNS myelination

ד"ר דן מיקולינסר
Dr. Dan Mikulincer

המחלקה למתמטיקה
בהדרכת פרופ' רונן אלדן

Department of Mathematics
Advisor: Prof. Ronen Eldan

Thesis:
Universality of high-dimensional systems

ד"ר סוברדיפ מיסרה
Dr. Subhradeep Misra

המחלקה לפיסיקה של חומר מעובה
בהדרכת פרופ' ישראל בריוסף

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

Thesis:
Optical spectroscopy of an interacting exciton condensate in coupled quantum wells

ד"ר סתיו מילר
Dr. Stav Miller

המחלקה לאימונולוגיה
בהדרכת פרופ' ניר פרידמן
ד"ר ירון עמנואל ענתבי

Department of Immunology
Advisors: Prof. Nir Friedman
Dr. Yaron Antebi

Thesis:
Single clone analysis of Th17 and Treg cell differentiation reveals independent and temporally separated dynamics for the RORγt and Foxp3 transcription factors

ד"ר בעז אברהם ניגן
Dr. Boaz Avraham Negin

המחלקה למדעי הצמח והסביבה
בהדרכת פרופ' אסף אהרוני

Department of Plant and Environmental Sciences
Advisor: Prof. Asaph Aharoni

Thesis:
The contribution of epicuticular wax to functional fitness in tree tobacco

ד"ר יעל נוריק
Dr. Yael Nurick

המחלקה להוראת המדעים
בהדרכת פרופ' אברהם הרכבי
ד"ר רוני קרסנטי

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

Thesis:
Identification and characterization of mathematics teachers' reflection on the teaching practice that takes place in different settings

ד"ר גל חיים נוטה
Dr. Gal Chaim Nuta

המחלקה לגנטיקה מולקולרית
בהדרכת פרופ' עדי קמחי

Department of Molecular Genetics
Advisor: Prof. Adi Kimchi

Thesis:
Autophagy as a cell survival and cell death process: Insights into molecular mechanisms in health and disease

ד"ר יצחק סופר
Dr. Yizhak Sofer

המחלקה למדעי המוח
בהדרכת פרופ' טלי קמחי

Department of Brain Sciences
Advisor: Prof. Tali Kimchi

Thesis:
OT+ PVN neurons regulate aggression and dominance hierarchy in wild-derived female mice

ד"ר ליאן נרונסקי חזיזה
Dr. Lian Narunsky Haziza

המחלקה לביולוגיה מולקולרית של התא
בהדרכת פרופ' רביד שטראוסמן
פרופ' יצחק פלפל

Department of Molecular Cell Biology
Advisors: Prof. Ravid Straussman
Prof. Yitzhak Pilpel

Thesis:
Pan-cancer characterization of the tumor mycobiome and its clinical effects

ד"ר מיכלאנג'לו נעים
Dr. Michelangelo Naim

המחלקה למדעי המוח
בהדרכת פרופ' מיכאל צודיקס

Department of Brain Sciences
Advisor: Prof. Michail Tsodyks

Thesis:
Episodic memory from first principles

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ד"ר אנה משצ'ריאקוב
Dr. Anna Meshcheriakova

המחלקה למדעים ביומולקולריים
בהדרכת פרופ' איתן ראובני

Department of Biomolecular Sciences
Advisor: Prof. Eitan Reuveny

Thesis:
Elucidation of SARAF role in the multifactorial regulation of store-operated calcium entry

ד"ר מיכל מרק
Dr. Michal Mark

המחלקה לאימונולוגיה
בהדרכת פרופ' ניר פרידמן
ד"ר אסף מדי

Department of Immunology
Advisors: Prof. Nir Friedman
Dr. Asaf Madi

Thesis:
Stereotypical organization of organ and subset-specific T-cell receptors that changes with age and LCMV infection

ד"ר חגי מרמור-קולט
Dr. Hagai Marmor-Kollet

המחלקה לגנטיקה מולקולרית
בהדרכת פרופ' ערן הורנשטיין

Department of Molecular Genetics
Advisor: Prof. Eran Hornstein

Thesis:
Spatio-temporal proteomic analysis of stress granules

ד"ר עדי נגלר
Dr. Adi Nagler

המחלקה לביולוגיה מולקולרית של התא
בהדרכת פרופ' ירדנה סמואלס

Department of Molecular Cell Biology
Advisor: Prof. Yardena Samuels

Thesis:
Identification of immunotherapy and resistance targets in melanoma

ד"ר שיר נבו (כץ)
Dr. Shir Nevo (Katz)

המחלקה לאימונולוגיה
בהדרכת פרופ' יעקב אברמסון

Department of Immunology
Advisor: Prof. Jakub Abramson

Thesis:
Thymic tuft cells - molecular and functional characterization

ד"ר אבהי קומר נאיאק
Dr. Abhay Kumar Nayak

המחלקה לפיסיקה של חומר מעובה
בהדרכת פרופ' חיים בידנקופף

Department of Condensed Matter Physics
Advisor: Prof. Haim Beidenkopf

Thesis:
Spectroscopic mapping of one-dimensional edge modes and co-existing topological surface states

ד"ר ג'ורג'יה פרוקופיו
Dr. Georgia Prokopiou

המחלקה לכימיה מולקולרית ומדע החומרים
בהדרכת פרופ' ליאור קרוניק

Department of Molecular Chemistry and Materials Science
Advisor: Prof. Leeor Kronik

Thesis:
Advancing the optimally-tuned range-separated hybrid approach

ד"ר פרנה פליואל
Dr. Prerna Paliwal

המחלקה לפיסיקה כימית וביולוגית
בהדרכת פרופ' אדוארדס נרייביצ'יוס

Department of Chemical and Biological Physics
Advisor: Prof. Ed Narevicius

Thesis:
Quantum effects in cold collisions

ד"ר יעל פלדמן-מגור
Dr. Yael Feldman-Maggor

המחלקה להוראת המדעים
בהדרכת פרופ' רון בלונדר
פרופ' ענבל טובי ערד

Department of Science Teaching
Advisors: Prof. Ron Blonder
Prof. Inbal Tuvi-Arad

Thesis:
Organizing learning and teaching in online information-rich environment: Higher education chemistry courses for teachers and students

ד"ר רותם צברי
Dr. Rotem Tsabary

המחלקה למדעי המחשב ומתמטיקה שימושית
בהדרכת פרופ' צביקה ברקרסקי

Department of Computer Science and Applied Mathematics
Advisor: Prof. Zvika Brakerski

Thesis:
Constrained access in cryptographic systems

ד"ר קסבה פנדרה צ'רוקורי
Dr. Kesava Phaneendra Cherukuri

המחלקה למדעים ביומולקולריים
בהדרכת פרופ' דן תופיק

Department of Biomolecular Sciences
Advisor: Prof. Dan S. Tawfik

Thesis:
Phosphotriesterase based chemical-genetic tools for controlled release of chemical reporters

ד"ר מיכל צ'אפלבוים
Dr. Michal Chappleboim

המחלקה לגנטיקה מולקולרית
בהדרכת פרופ' נעמה ברקאי

Department of Molecular Genetics
Advisor: Prof. Naama Barkai

Thesis:
Towards understanding the DNA sequence: From DNA binding to gene expression noise

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ד"ר ויאצ'סלב סמרצב
Dr. Viacheslav Smartsev

המחלקה לפיסיקה של מערכות מורכבות
בהדרכת פרופ' ויקטור ארמנד מלכא

Department of Physics of Complex Systems
Advisor: Prof. Victor Armand Malka

Thesis:
Boosting electron beam energy in laser-plasma accelerators with plasma channel guiding

ד"ר ניצן סמרה
Dr. Nitzan Samra

המחלקה למדעים ביומולקולריים
בהדרכת פרופ' מייק פיינזילבר

Department of Biomolecular Sciences
Advisor: Prof. Mike Fainzilber

Thesis:
The role of local translation of mTOR in axonal growth

ד"ר רן סלומון
Dr. Ran Salomon

המחלקה לאימונולוגיה
בהדרכת ד"ר רוני דהן

Department of Immunology
Advisor: Dr. Rony Dahan

Thesis:
Therapeutic window of CD40-targeted immunotherapy

ד"ר צח פלדמן
Dr. Tzah Feldman

המחלקה לאימונולוגיה
בהדרכת ד"ר לירן שלוש

Department of Immunology
Advisor: Dr. Liran Shlush

Thesis:
The characterization of genetic and epigenetic aspects in age-related clonal hematopoiesis

ד"ר אינאס עיסא
Dr. Enas Easa

המחלקה להוראת המדעים
בהדרכת פרופ' רון בלונדר

Department of Science Teaching
Advisor: Prof. Ron Blonder

Thesis:
Pedagogy of differentiated instruction in the chemistry classroom: Impact of customized pedagogical kits (CPKs) on misconceptions, achievements, self-efficacy, and attitudes of high students and teachers

ד"ר אלה סנדרס
Dr. Ella Sanders

המחלקה לכימיה מולקולרית ומדע החומרים
בהדרכת פרופ' ארנסטו יוסלביץ

Department of Molecular Chemistry and Materials Science
Advisor: Prof. Ernesto Joselevich

Thesis:
Structural and optoelectronic properties of surface-guided halide perovskite nanowires

ד"ר עידו רוג
Dr. Ido Rog

המחלקה למדעי הצמח והסביבה
בהדרכת ד"ר תמיר קליין

Department of Plant and Environmental Sciences
Advisor: Dr. Tamir Klein

Thesis:
Ecophysiology of carbon dynamics in and between forest trees

ד"ר עופר רגב
Dr. Ofer Regev

המחלקה לאימונולוגיה
בהדרכת פרופ' רונן אלון

Department of Immunology
Advisor: Prof. Ronen Alon

Thesis:
Involvement of breast cancer ICAM-1 in tumor immunity at primary and metastatic site

ד"ר אסף קסן
Dr. Assaf Kacen

המחלקה לאימונולוגיה מערכתית
בהדרכת ד"ר יפעת מרבל

Department of Systems Immunology
Advisor: Dr. Yifat Merbl

Thesis:
Uncovering the modified immunopeptidome reveals insights into principles of PTM-driven antigenicity

ד"ר אורי רוסמן
Dr. Uri Rossman

המחלקה לפיסיקה של מערכות מורכבות
בהדרכת פרופ' דן אורון

Department of Physics of Complex Systems
Advisor: Prof. Dan Oron

Thesis:
Investigation and application of quantum correlations in microscopy

ד"ר חגי רוסמן
Dr. Hagai Rossman

המחלקה למדעי המחשב ומתמטיקה שימושית
בהדרכת פרופ' ערן סגל
פרופ' אורי אלון

Department of Computer Science and Applied Mathematics
Advisors: Prof. Eran Segal
Prof. Uri Alon

Thesis:
Clinical data analysis at scale and a data-driven pandemic response

ד"ר קרול ויניפרד רודריקס
Dr. Carol Winnifred Rodricks

המחלקה לכימיה מולקולרית ומדע החומרים
בהדרכת פרופ' דניאל וגנר

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

Thesis:
Polymer beads as interfacial obstacles in fibre composites

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ד"ר ארנו קורווזיה
Dr. Arnaud Courvoisier

המחלקה לפיסיקה של מערכות מורכבות
בהדרכת פרופ' ניר דודזון

Department of Physics of Complex Systems
Advisor: Prof. Nir Davidson

Thesis:
Optomechanics and momentum transfers in inhomogeneous ultra-cold gases

ד"ר ליבי קוסולאפוב
Dr. Libby Kosolapov

המחלקה למדעים ביומולקולריים
בהדרכת פרופ' מייקל ווקר

Department of Biomolecular Sciences
Advisor: Prof. Michael Walker

Thesis:
Transcriptional control mechanisms in pancreas development

ד"ר אפרודיטי ציצו-קמפלי
Dr. Afroditi Tsitsou-Kampeli

המחלקה למדעי המוח
בהדרכת פרופ' מיכל שוורץ

Department of Brain Sciences
Advisor: Prof. Michal Schwartz

Thesis:
The impact of metabolic processes at the brain's choroid plexus and of the gut microbiome on Alzheimer's disease manifestation

ד"ר יהונתן קסטן
Dr. Yoni Kasten

המחלקה למדעי המחשב ומתמטיקה שימושית
בהדרכת פרופ' רונן בצרי

Department of Computer Science and Applied Mathematics
Advisor: Prof. Ronen Basri

Thesis:
Algebraic characterization of relational camera pose measurements in multiple images

ד"ר ג'יון קים
Dr. Jiyoon Kim

המחלקה למדעים ביומולקולריים
בהדרכת פרופ' טוני פוטרמן

Department of Biomolecular Sciences
Advisor: Prof. Tony Futerman

Thesis:
How are CerS regulated? Identification of a novel C-terminus domain in CerS and identification of CerS interacting proteins

ד"ר מירה קורולסקי רוזנטל
Dr. Mira Korulski-Rosenthal

המחלקה לגנטיקה מולקולרית
בהדרכת פרופ' מאיה שולדינר

Department of Molecular Genetics
Advisor: Prof. Maya Schuldiner

Thesis:
Metabolic adaptation of peroxisomes by altering their proteome through targeting priority and the interplay with lipid droplets

ד"ר סמדר שילה
Dr. Smadar Shilo

המחלקה למדעי המחשב ומתמטיקה שימושית
בהדרכת פרופ' ערן סגל

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

Thesis:
A data driven approach for the study of diabetes and obesity

ד"ר דאוד שיבאן
Dr. Daoud Sheban

המחלקה לאימונולוגיה
בהדרכת ד"ר יפעת מרבל
פרופ' יעקב חנא

Department of Immunology
Advisors: Dr. Yifat Merbl
Prof. Jacob (Yaqub) Hanna

Thesis:
Deciphering mechanisms of SUMO-dependent chromatin regulation in mammalian early development

ד"ר רפאל שטרן
Dr. Rafael Stern

המחלקה למדעי כדור הארץ וכוכבי הלכת
בהדרכת פרופ' דן יקיר

Department of Earth and Planetary Sciences
Advisor: Prof. Dan Yakir

Thesis:
Biogeochemical and biogeophysical effects of different land covers

ד"ר מרגריטה שפלנקו (קווטאניוק)
Dr. Margarita Shepelenko (Kovtanyuk)

המחלקה לכימיה מולקולרית ומדע החומרים
בהדרכת פרופ' ליאור קרוניק
פרופ' לסלי לייזרוביץ'

Department of Molecular Chemistry and Materials Science
Advisors: Prof. Leeor Kronik
Prof. Leslie Leiserowitz

Thesis:
Structure and properties of naturally occurring materials from first principles

ד"ר תום שני
Dr. Tom Shani

המחלקה לגנטיקה מולקולרית
בהדרכת פרופ' יעקב חנא

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

Thesis:
Defining molecular principles that distinguish the human naive and primed pluripotent states

ד"ר לירן שלאק
Dr. Liran Szlak

המחלקה למדעי המחשב ומתמטיקה שימושית
בהדרכת פרופ' אוהד שמיר
פרופ' רוני פז

Department of Computer Science and Applied Mathematics
Advisors: Prof. Ohad Shamir
Prof. Rony Paz

Thesis:
Learning with missing information in humans and machines

ד"ר אלכסנדר שאמוב
Dr. Alexander Shamov

המחלקה למתמטיקה
בהדרכת פרופ' דמיטרי גורביץ
פרופ' יוסף ברנשטיין

Department of Mathematics
Advisors: Prof. Dmitry Gourevitch
Prof. Joseph Bernstein

Thesis:
Topics in probability theory: Gaussian multiplicative chaos, determinantal processes, and fractal barriers

ד"ר דקל רענן
Dr. Dekel Raanan

המחלקה לפיסיקה של מערכות מורכבות
בהדרכת פרופ' דן אורון
פרופ' ירון זילברברג

Department of Physics of Complex Systems
Advisors: Prof. Dan Oron
Prof. Yaron Silberberg

Thesis:
Low frequency impulsive vibrational spectroscopy and microscopy

ד"ר יואב רכבי
Dr. Yoav Rechavi

המחלקה למדעי המוח
בהדרכת פרופ' יניב זיו

Department of Brain Sciences
Advisor: Prof. Yaniv Ziv

Thesis:
Effects of physical exercise and adult neurogenesis on hippocampal neural codes

ד"ר סיון שטראוס
Dr. Sivan Struass

המחלקה לגנטיקה מולקולרית
בהדרכת פרופ' יצחק פלפל

Department of Molecular Genetics
Advisor: Prof. Yitzhak Pilpel

Thesis:
Exploration of evolutionary strategies and the effect of mate choice on evolution and on fitness inheritance in yeast

ד"ר גיל שורץ
Dr. Gil Schwarts

המחלקה להוראת המדעים
בהדרכת פרופ' אברהם הרכבי
ד"ר רוני קרסנטי

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

Thesis:
Professionalization processes of facilitators in mathematics teachers' professional development programs

ד"ר נועה שדה
Dr. Noa Sadeh

המחלקה למדעי המוח
בהדרכת פרופ' יניב זיו

Department of Brain Sciences
Advisor: Prof. Yaniv Ziv

Thesis:
Hippocampal and entorhinal neuronal representations underlying long-term spatial memory

ד"ר איילת שראל
Dr. Ayelet Sarel

המחלקה למדעי המוח
בהדרכת פרופ' נחום אולנובסקי

Department of Brain Sciences
Advisor: Prof. Nachum Ulanovsky

Thesis:
Hippocampal spatial representation during dynamic natural navigation

ד"ר דן שקד רנו
Dr. Dan Shaked Renous

המחלקה לפיסיקה של חלקיקים ואסטרופיסיקה
בהדרכת ד"ר שקמה ברסלר

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

Thesis:
Investigation of RPWELL-based digital hadronic calorimeter

ד"ר אברהם שקד
Dr. Avraham Shakked

המחלקה לביולוגיה מולקולרית של התא
בהדרכת פרופ' אלדד צחור

Department of Molecular Cell Biology
Advisor: Prof. Eldad Tzahor

Thesis:
Negative feedback regulation drives Cardiomyocyte redifferentiation and functional improvement during ERBB2-mediated cardiac regeneration

ד"ר אדר שרון
Dr. Adar Sharon

המחלקה לפיסיקה של חלקיקים ואסטרופיסיקה
בהדרכת פרופ' זוהר קומרגודסקי
פרופ' מיכה ברכוז

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

Thesis:
Exploring strongly-coupled three-dimensional quantum field theories

Weizmann Institute of Science | **Feinberg Graduate School** | PhD Recipients | 2022 Graduates

Weizmann Institute of Science | **Feinberg Graduate School** | 2022 Graduates

MSc Recipients

Daniel Alfandari
Shir Amir
Shahd Ashouokhi
Shifra Avital
Margarita Talia Babich
Yifat Bar Or Snarski
Peleg Bar-On
Alon Barshap
Dina Bartov
Yotam Beit-Yannai
Yuval Belfer
Yoav Ben Dov
Oriel Ben Shmuel
Joseph Ben Zion
Hadar Ben-Arosh
Ofek Bengyat
Inbal Beracha
Ester Bnaya Lazarovski
Matan Bocarsly
Mor Breger Mikulincer
Stephanie Brener
Daniel Castro
Guoyun Chen
Valeriya Chugaeva
Adi Cohen
Niv Cohen
Sapir Cohen
Shahar Cohen
David Columbus
Amit Cucuy
Tomer Danino Zohar
Matan Danos
Federico De Vito Halevy
Arjun Dey
Debarghya Dutta
Nikolay Ebel
Yam Eitan
Noa Eizenshtadt
Miriam Elbaz
Alice Eldar
Jacob Elkahal
Shiran Elyahu Zada
Lior Faeyrman
Tom Ferster
Daniel Freidzon
Philip Alexander Freund
Margarita Galper
Dotan Gazith
Avi Gluck
Guy Goldberg
Uri Goldblatt
Michal Goldenshtein
Gal Goldman
Samantha Augusta Goldwasser Silva
Myriam Goor
Jonathan Grozovski
Aviya Habshush
Anton Hanopolskyi
Dror Harush
Ravid Haruvi
Daniel Hervitz
Vladyslav Holiar
Alon Inbar
Ofer Israelov
Elad Itzhaki
Oryna Ivashtenko
Stav Izrailov
Orly Izsak
Igor Kaczmarczyk
Amit Kahana
Nitzan Kahn
Lior Kalman
Arkady Kaplan
Gili Karni
Gilad Kishony
Amir Kleiner
Dmitrii Kobylianskii
David Zeev Koplovich
David Koprivica
Guy Kornowski
Hodaya Koslowsky
Danielle Krongauz
Ganit Kupershmidt
Yuval Kushmaro
Mariia Labendik
Bar Lampert
Bar Lavi
Benjamin Isaac Lerner
Maya Levanon
Aaron Rafael Liberman
Alfredo Antonio Lopez Castillo
Alon Mamistvalov
Jovan Markov
Shir Marom
Edward Medina Guerra
Gabriele Meilikhov
Oz Yosef Mendelsohn
Boaz Menuhin
Dor Mezer
Eliya Milshtein
Ofir Milul
Rotem Morag
Shani Nachshon
Haim Nakav
Eyal Naor
Itay Naor
Nachum Nathan
Valerya Nisnevich
Alexey Norkin
Noa Novogroder
Sigalit Ofir
Chen Oppenheim
Lital Oscar
Oded Ovdat
Noa Oved
Doreen Padan Ben Yashar
Shira Passentin
Ariel Perera
Ella Pozner
Tzur Raanan
Or Ram
Yoav Ravid
Eran Reches
Guy Reuveni
Shlomo Ron
Maor Rosenberg
Noam Rozen
Or Samimi Golan
Sarit Samiya
Somasundaram Sankaranarayanan
Gal Sela
Lior Shachar
Yuval Shapir
Yarden Sheffer
Michal Shilo
Adi Shindler
Assaf Shonfeld
Stav Shtiglitz
Navot Silberstein
Viktoryia Smaliak
Ariel Smooha
Ori Somech
David Sriker
Rachel Steinitz Eliyahu
Sapir Suissa
Yehonatan Tahan
Olga Tapinova
Amit Tauman
Ariel Tennenhouse
Sun Terletsky
Nadav Timor
Noam Tsumi
Daniel Weizman
Dekel Yahav Har-shai
Ben Yamin
Noa Yeshaya
Erez Yirmiya
Lev Yung
Erez Zimmerman
Asaf Yosef Zlotnik

סתיו איזראילוב
Stav Izrailov

המחלקה למדעי החיים
בהדרכת פרופ' טוני פוטרמן

Department of Life Sciences
Advisor: Prof. Tony Futerman

Thesis:
Study of tryptophan residues in Ceramide Synthases

נועה איזנשטדט
Noa Eizenshtadt

המחלקה למדעי הכימיה
בהדרכת פרופ' דוד מרגוליס

Department of Chemical Sciences
Advisor: Prof. David Margulies

Thesis:
Developing oligonucleotide-based, self-assembled fluorescent probes for detecting cell surface proteins in living cells

אורלי איז'ק
Orly Izsak

המחלקה למדעי החיים
בהדרכת פרופ' רותם שורק

Department of Life Sciences
Advisor: Prof. Rotem Sorek

Thesis:
Finding viperin-like anti-phage proteins producing anti-viral molecules

אליס אלדר
Alice Eldar

המחלקה למדעי החיים
בהדרכת פרופ' יניב זיו

Department of Life Sciences
Advisor: Prof. Yaniv Ziv

Thesis:
Investigating the mechanisms underlying the stable coexistence of multiple maps for the same environment

מרים אלבז
Miriam Elbaz

המחלקה למדעי החיים
בהדרכת פרופ' עידו עמית

Department of Life Sciences
Advisor: Prof. Ido Amit

Thesis:
Spatial and temporal mapping of immune cell dynamics in breast cancer metastasis

ים איתן
Yam Eitan

המחלקה למתמטיקה ומדעי המחשב
בהדרכת פרופ' בועז בנימין קלרטג

Department of Mathematics and Computer Science
Advisor: Prof. Boaz Binyamin Klartag

Thesis:
The centered convex body whose marginals have the heaviest tails

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ליטל אוסקר
Lital Oscar

המחלקה למדעי הכימיה
בהדרכת פרופ' ניר גוב

Department of Chemical Sciences
Advisor: Prof. Nir Gov

Thesis:
Fish decision making on the move

ניקולאי אבל
Nikolay Ebel

המחלקה למדעי הפיסיקה
בהדרכת פרופ' אולף לאונהרדט

Department of Physical Sciences
Advisor: Prof. Ulf Leonhardt

Thesis:
Investigation of regularization schemes of the stress-energy tensor in quantum field theories in curved background

שיפרה אביטל
Shifra Avital

המחלקה למדעי החיים
בהדרכת ד"ר תמיר קליין

Department of Life Sciences
Advisor: Dr. Tamir Klein

Thesis:
Donors and acceptors of belowground carbon transfer in a tree community

אורינה איבאשטנקו
Oryna Ivashtenko

המחלקה למדעי הפיסיקה
בהדרכת ד"ר ברק זכאי

Department of Physical Sciences
Advisor: Dr. Barak Zackay

Thesis:
Search for "blue" planets orbiting "yellow" stars

חן אופנהיים
Chen Oppenheim

המחלקה למדעי הכימיה
בהדרכת ד"ר מיכל לסקס

Department of Chemical Sciences
Advisor: Dr. Michal Leskes

Thesis:
Investigation of the ceramic – polymer interface in the composite solid electrolyte by Nuclear Magnetic Resonance Spectroscopy

סיגלית אופיר
Sigalit Ofir

המחלקה להוראת המדעים
בהדרכת פרופ' ענת ירדן

Department of Science Teaching
Advisor: Prof. Anat Yarden

Thesis:
Exploring the influence of using the Teaching for Transformative Experiences in Science (TTES) model in an online teaching unit on high school biology majors' conceptions of biological evolution

יובל בלפר
Yuval Belfer

המחלקה למתמטיקה ומדעי המחשב
בהדרכת פרופ' רונן בצרי

Department of Mathematics and Computer Science
Advisor: Prof. Ronen Basri

Thesis:
Spectral analysis of the neural tangent kernel for deep residual networks

יותם בית-ינאי
Yotam Beit-Yannai

המחלקה למדעי החיים
בהדרכת פרופ' נעם שטרן-גינוסר

Department of Life Sciences
Advisor: Prof. Noam Stern-Ginossar

Thesis:
Studying HCMV genes' role in viral propagation using a virus-encoded knock-out system

מתן בוקרסלי
Matan Bocarsly

המחלקה למדעי הפיסיקה
בהדרכת פרופ' אלי זלדוב

Department of Physical Sciences
Advisor: Prof. Eli Zeldov

Thesis:
Imaging Chern mosaic and Berry-curvature magnetism in magic angle graphene

יוסף בן ציון
Joseph Ben Zion

המחלקה למדעי החיים
בהדרכת פרופ' יחיאל שי

Department of Life Sciences
Advisor: Prof. Yechiel Shai

Thesis:
AcrAB-TolC efflux pump and HlpA role in resistance against antimicrobial peptides

יואב בן דב
Yoav Ben Dov

המחלקה למתמטיקה ומדעי המחשב
בהדרכת פרופ' מוני נאור

Department of Mathematics and Computer Science
Advisor: Prof. Moni Naor

Thesis:
Resistance to timing attacks revisited: Time oblivious sampling

הדר בן ארוש
Hadar Ben-Arosh

המחלקה למדעי החיים
בהדרכת ד"ר רועי אברהם

Department of Life Sciences
Advisor: Dr. Roi Avraham

Thesis:
Understanding succinate sensing and transport as regulators of Salmonella Typhimurium virulence

Weizmann Institute of Science | **Feinberg Graduate School** | MSc Recipients | 2022 Graduates

יעקב אלקהל
Jacob Elkahal

המחלקה למדעי החיים
בהדרכת פרופ' אלדד צחור
ד"ר רחל סריג

Department of Life Sciences
Advisors: Prof. Eldad Tzahor
Dr. Rachel Sarig

Thesis:
Deciphering Copaxone mechanism of action in promoting cardiac repair following myocardial infarction

דניאל אלפנדרי
Daniel Alfandari

המחלקה למדעי החיים
בהדרכת ד"ר נטע רגב-רוצקי

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

Thesis:
Studying the interaction of malaria-derived EVs with host immune system and characterization of the dynamics of EV cargo distribution

שירן אליהו זאדה
Shiran Elyahu Zada

המחלקה למתמטיקה ומדעי המחשב
בהדרכת פרופ' מיכל אירני

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

Thesis:
Pure noise to the rescue of insufficient data: Improving imbalanced classification by training on random noise images

מרגריטה טליה בביץ'
Margarita Talia Babich

המחלקה למדעי החיים
בהדרכת פרופ' אלי ארמה

Department of Life Sciences
Advisor: Prof. Eli Arama

Thesis:
The role of different caspases during spermatid terminal differentiation in drosophila

שהד אשיוחי
Shahd Ashouokhi

המחלקה למדעי החיים
בהדרכת פרופ' יעקב חנא

Department of Life Sciences
Advisor: Prof. Jacob (Yaqub) Hanna

Thesis:
Describing the FTO variant malformation syndrome using hPSCs derived cerebral organoids

שיר אמיר
Shir Amir

המחלקה למתמטיקה ומדעי המחשב
בהדרכת ד"ר טלי דקל

Department of Mathematics and Computer Science
Advisor: Dr. Tali Dekel

Thesis:
On the effectiveness of ViT features as local semantic descriptors

סטפני ברנר
Stephanie Brener

המחלקה למדעי החיים
בהדרכת פרופ' נעם סובל

Department of Life Sciences
Advisor: Prof. Noam Sobel

Thesis:
Using an electronic nose to mimic olfaction in real-world settings

ענבל ברכה
Inbal Beracha

המחלקה למדעי החיים
בהדרכת ד"ר אסף טל

Department of Life Sciences
Advisor: Dr. Assaf Tal

Thesis:
Adaptive magnetic resonance

דינה ברטוב
Dina Bartov

המחלקה להוראת המדעים
בהדרכת פרופ' ענת ירדן

Department of Science Teaching
Advisor: Prof. Anat Yarden

Thesis:
Teaching Biology at a distance: Biology teachers' professional knowledge and the coping with Transactional Distance

גיא גולדברג
Guy Goldberg

המחלקה למתמטיקה ומדעי המחשב
בהדרכת פרופ' גיא רוטבלום

Department of Mathematics and Computer Science
Advisor: Prof. Guy Rothblum

Thesis:
Sample-based proofs of proximity

אורי גולדבלט
Uri Goldblatt

המחלקה למדעי הפיסיקה
בהדרכת ד"ר סרג' רוזנבלום

Department of Physical Sciences
Advisor: Dr. Serge Rosenblum

Thesis:
Error mitigation of superconducting quantum circuits through real-time feedback

אלון ברשפ
Alon Barshap

המחלקה למדעי החיים
בהדרכת פרופ' שראל פליישמן

Department of Life Sciences
Advisor: Prof. Sarel Fleishman

Thesis:
Exploration of specificity determinants in protein transmembrane domains through computational design

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אסתר בניה לזרובסקי
Ester Bnaya Lazarovski

המחלקה למדעי החיים
בהדרכת ד"ר לירן שלוש

Department of Life Sciences
Advisor: Dr. Liran Shlush

Thesis:
DNMT3A mediated DSB induced DNA Hypermethylation

אופק בנגיאת
Ofek Bengyat

המחלקה למדעי הפיסיקה
בהדרכת פרופ' אבישי גל-ים

Department of Physical Sciences
Advisor: Prof. Avishay Gal-Yam

Thesis:
Characterization of supernovae based on spectral-temporal energy distribution

אוריאל בן שמואל
Oriel Ben Shmuel

המחלקה למתמטיקה ומדעי המחשב
בהדרכת פרופ' עדי שמיר

Department of Mathematics and Computer Science
Advisor: Prof. Adi Shamir

Thesis:
Early transferability of adversarial examples in deep neural networks

מור ברגר מיקולינסר
Mor Breger Mikulincer

המחלקה למדעי החיים
בהדרכת ד"ר איבו שפיגל

Department of Life Sciences
Advisor: Dr. Ivo Spiegel

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

פלג בר-און
Peleg Bar-On

המחלקה למדעי החיים
בהדרכת ד"ר תמיר קליין

Department of Life Sciences
Advisor: Dr. Tamir Klein

Thesis:
A montane species treeline is defined by both temperature and drought effects on growth season length

יפעת בר אור סנרסקי
Yifat Bar Or Snarski

המחלקה למדעי החיים
בהדרכת פרופ' רונן אלון

Department of Life Sciences
Advisor: Prof. Ronen Alon

Thesis:
The role of ICAM-1 on thymic epithelial cells in the negative selection of auto reactive thymocytes

יונתן גרוזובסקי
Jonathan Grozovski

המחלקה למדעי החיים
בהדרכת פרופ' יצחק פלפל

Department of Life Sciences
Advisor: Prof. Yitzhak Pilpel

Thesis:
In-silico investigation of translation errors, SARS-CoV-2 mutations; and their immunization potential

אנטון גנופולסקי
Anton Hanopolskyi

המחלקה למדעי הכימיה
בהדרכת ד"ר סרגיי סמנוב

Department of Chemical Sciences
Advisor: Dr. Sergey Semenov

Thesis:
Active coacervation induced by an autocatalytic network

מרגריטה גלפר
Margarita Galper

המחלקה למדעי הכימיה
בהדרכת פרופ' בוריס ריבצ'ינסקי

Department of Chemical Sciences
Advisor: Prof. Boris Rybtchinski

Thesis:
Flexible electrodes based on carbon nanotubes

ארג'ון די
Arjun Dey

המחלקה למדעי הפיסיקה
בהדרכת ד"ר דוד מרוס

Department of Physical Sciences
Advisor: Dr. David Mross

Thesis:
Entanglement spectroscopy of anomalous surface states

דברגיה דוטה
Debarghya Dutta

המחלקה למדעי הפיסיקה
בהדרכת פרופ' שחל אילני

Department of Physical Sciences
Advisor: Prof. Shahal Ilani

Thesis:
Collimation from PN junctions and ballistic magnetotransport in graphene

פדריקו דה ויטו הלוי
Federico De Vito Halevy

המחלקה למדעי הפיסיקה
בהדרכת ד"ר שקמה ברסלר
פרופ' יוסף ניר

Department of Physical Sciences
Advisor: Dr. Shikma Bressler
Prof. Yosef Nir

Thesis:
In search for new resonances and lepton flavor violation at the LHC

מיכל גולדנשטיין
Michal Goldenshtein

המחלקה למדעי הפיסיקה
בהדרכת פרופ' רועי עוזרי

Department of Physical Sciences
Advisor: Prof. Roee Ozeri

Thesis:
Generating quantum gates on trapped ions with a Raman laser

גל גולדמן
Gal Goldman

המחלקה למדעי החיים
בהדרכת ד"ר מיטל אורן
פרופ' אלעד שניידמן

Department of Life Sciences
Advisor: Dr. Meital Oren-Suissa
Prof. Elad Schneidman

Thesis:
Sex-specific network topology of the nociceptive circuit shapes dimorphic behavior in C. elegans

סמנתה אגוסטה גולדווסר סילבה
Samantha Augusta Goldwasser Silva

המחלקה למדעי הפיסיקה
בהדרכת פרופ' אבישי גל-ים

Department of Physical Sciences
Advisor: Prof. Avishay Gal-Yam

Thesis:
An improved method for spectroscopic classification of supernovae

אברהם גלוק
Avi Gluck

המחלקה למדעי החיים
בהדרכת פרופ' נעם שטרן-גינוסר

Department of Life Sciences
Advisor: Prof. Noam Stern-Ginossar

Thesis:
SARS-CoV-2, through NSP1, employs a multipronged strategy to impede host protein synthesis

דותן גזית
Dotan Gazith

המחלקה למדעי הפיסיקה
בהדרכת ד"ר ברק זכאי

Department of Physical Sciences
Advisor: Dr. Barak Zackay

Thesis:
Precision speckle pattern reconstruction for high contrast imaging

מרים גור
Myriam Goor

המחלקה להוראת המדעים
בהדרכת ד"ר אלון פינטו
ד"ר רוני קרסנטי

Department of Science Teaching
Advisor: Dr. Alon Pinto
Dr. Ronnie Karsenty

Thesis:
Cross-community dialogue in mathematics education: Exploring the boundary between mathematicians and experienced mathematics teachers

רביד ג'ורג'ט חרובי
Ravid Haruvi

המחלקה למדעי החיים
בהדרכת ד"ר טקאשי קאוואשימה

Department of Life Sciences
Advisor: Dr. Takashi Kawashima

Thesis:
Understanding the circuit and function of the serotonergic system in learning processes

אביה חבשוש מנחם
Aviya Habshush

המחלקה למדעי החיים
בהדרכת ד"ר משה ביטון

Department of Life Sciences
Advisor: Dr. Moshe Biton

Thesis:
Deciphering the role of Toll-like receptor 2 on intestinal stem cells in health and disease

אסף יוסף זלוטניק
Asaf Yosef Zlotnik

המחלקה למדעי החיים
בהדרכת פרופ' אסף אהרוני

Department of Life Sciences
Advisor: Prof. Asaph Aharoni

Thesis:
Biosynthesis and function of steroidal glycoalkaloids in the tomato root and its exudates

יהונתן טחן
Yehonatan Tahan

המחלקה למתמטיקה ומדעי המחשב
בהדרכת פרופ' אוריאל פייגה

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

Thesis:
Item allocation to altruistic agents

עמית טאומן
Amit Tauman

המחלקה למתמטיקה ומדעי המחשב
בהדרכת פרופ' ערן סגל

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

Thesis:
finding causal relationships in biological systems

דרור חרוש
Dror Harush

המחלקה למדעי הפיסיקה
בהדרכת פרופ' חיים בידנקופף

Department of Physical Sciences
Advisor: Prof. Haim Beidenkopf

Thesis:
Methodology for probing magneto-susceptibility on the atomic scale

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ולדיסלב הוליאר
Vladyslav Holiar

המחלקה למדעי החיים
בהדרכת ד"ר משה ביטון

Department of Life Sciences
Advisor: Dr. Moshe Biton

Thesis:
Class II presentation at the mucosal surface of the gut

תומר דנינו זהר
Tomer Danino Zohar

המחלקה למדעי הפיסיקה
בהדרכת פרופ' עופר פירסטנברג

Department of Physical Sciences
Advisor: Prof. Ofer Firstenberg

Thesis:
Attractive photon interactions and bound states mediated by an ensemble of cold Rydberg atoms

מתן דנוס
Matan Danos

המחלקה למתמטיקה ומדעי המחשב
בהדרכת פרופ' רוברט קראוטגמר
ד"ר שאופנג ג'יאנג

Department of Mathematics and Computer Science
Advisor: Prof. Robert Krauthgamer
Dr. Shaofeng Jiang

Thesis:
Coresets for clustering by uniform sampling and generalized rank aggregation

נבות זילברשטיין
Navot Silberstein

המחלקה למדעי הפיסיקה
בהדרכת פרופ' מיכה ברכוז
פרופ' עופר אהרוני

Department of Physical Sciences
Advisor: Prof. Micha Berkooz
Prof. Ofer Aharony

Thesis:
SYK model of non-trivial theories and in the double scaling limit

דניאל ויצמן
Daniel Weizman

המחלקה למדעי החיים
בהדרכת ד"ר משה ביטון

Department of Life Sciences
Advisor: Dr. Moshe Biton

Thesis:
Deciphering the role of major histocompatibility complex (MHC) class II governing hematopoiesis lineage fate

דניאל הרביץ
Daniel Hervitz

המחלקה למדעי הכימיה
בהדרכת ד"ר אוליאנה שימנוביץ

Department of Chemical Sciences
Advisor: Dr. Ulyana Shimanovich

Thesis:
Templating silk self-assembly with mtal nanoparticles

ארז ירמיה
Erez Yirmiya

המחלקה למדעי החיים
בהדרכת פרופ' רותם שורק

Department of Life Sciences
Advisor: Prof. Rotem Sorek

Thesis:
Discovery of proteins enabling phages to overcome the bacterial immune system

דוד אלעד יצחקי
Elad Itzhaki

המחלקה למדעי החיים
בהדרכת פרופ' רבקה דיקשטיין

Department of Life Sciences
Advisor: Prof. Rivka Dikstein

Thesis:
Two modes of SARS-CoV-2 mRNA translation regulation by Rps3 mRNA binding residues

בן ימין
Ben Yamin

המחלקה למדעי הפיסיקה
בהדרכת פרופ' רועי עוזרי

Department of Physical Sciences
Advisor: Prof. Roee Ozeri

Thesis:
Advanced tools for coherent control in trapped ion system

ניצן כהן
Nitzan Kahn

המחלקה למדעי הכימיה
בהדרכת פרופ' אדוארדס נרייביצ'יוס

Department of Chemical Sciences
Advisor: Prof. Ed Narevicius

Thesis:
Towards a molecular quantum degenerate gas

ניב כהן
Niv Cohen

המחלקה למדעי החיים
בהדרכת ד"ר אפרת שמע-יעקבי

Department of Life Sciences
Advisor: Dr. Efrat Shema

Thesis:
Deciphering the epigenetic code of IDH-mutant-gliomas

נועה ישעיה
Noa Yeshaya

המחלקה למדעי הכימיה
בהדרכת פרופ' דבורה פאס

Department of Chemical Sciences
Advisor: Prof. Deborah Fass

Thesis:
Structural and functional study of FCGBP, a major constituent of intestinal mucus

יאנה סאן טרלצקי
Sun Terletsky

המחלקה למדעי החיים
בהדרכת ד"ר מיכל רמות

Department of Life Sciences
Advisor: Dr. Michal Ramot

Thesis:
Functional stability of resting-state fMRI within individuals

אולגה טפינובה
Olga Tapinova

המחלקה למדעי הכימיה
בהדרכת פרופ' ניר גוב

Department of Chemical Sciences
Advisor: Prof. Nir Gov

Thesis:
Spin model with global inhibition for decision making

אריאל טננהאוס
Ariel Tennenhouse

המחלקה למדעי הכימיה
בהדרכת פרופ' שראל פליישמן

Department of Chemical Sciences
Advisor: Prof. Sarel Fleishman

Thesis:
Automated energy-based antibody humanization

עופר יזרעאילוב
Ofer Israelov

המחלקה למתמטיקה ומדעי המחשב
בהדרכת פרופ' שמעון אולמן

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

Thesis:
Neural network schemes of recurrent inference and meta learning

לב יונג
Lev Yung

המחלקה למדעי הפיסיקה
בהדרכת פרופ' עופר אהרוני

Department of Physical Sciences
Advisor: Prof. Ofer Aharony

Thesis:
Asymptotic spectrum of 2D adjoint QCD in the large N limit

דקל יהב הר-שי
Dekel Yahav Har-shai

המחלקה למדעי החיים
בהדרכת ד"ר ירון עמנואל ענתבי

Department of Life Sciences
Advisor: Dr. Yaron Antebi

Thesis:
Characterization of the transcription factors SMAD1 SMAD5 and SMAD8 in the Bone Morphogenetic Protein (BMP) signaling pathway

אהרון רפאל ליברמן
Aaron Rafael Liberman

המחלקה למדעי הפיסיקה
בהדרכת פרופ' ויקטור ארמנד מלכא

Department of Physical Sciences
Advisor: Prof. Victor Armand Malka

Thesis:
Measurement and control of spatio-temporal couplings in ultra-short laser pulses

אלפרדו אנטוניו לופז קסטיו
Alfredo Antonio Lopez Castillo

המחלקה למדעי החיים
בהדרכת פרופ' ניר פרידמן
ד"ר אסף מדי

Department of Life Sciences
Advisor: Prof. Nir Friedman
Dr. Asaf Madi

Thesis:
Development of the immune system in preterm infants - an integrative analysis of RNA and T cell receptor sequencing using single cell technologies

מאיה לבנון
Maya Levanon

המחלקה למדעי הפיסיקה
בהדרכת פרופ' רועי חיים בר זיו

Department of Physical Sciences
Advisor: Prof. Roy Bar-Ziv

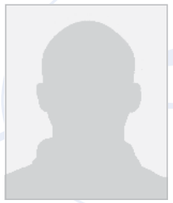
Thesis:
Recombination-based DNA editing in an artificial cell

אדווארד מדינה גוורה
Edward Medina Guerra

המחלקה למדעי הפיסיקה
בהדרכת פרופ' יובל גפן
פרופ' איגור ג'ורני

Department of Physical Sciences
Advisor: Prof. Yuval Gefen
Prof. Igor Gornyi

Thesis:
Robustness of a quantum steering protocol to errors



בנימין יצחק לרנר
Benjamin Isaac Lerner

המחלקה למדעי הכימיה
בהדרכת ד"ר הגן הופמן

Department of Chemical Sciences
Advisor: Dr. Hagen Hofmann

Thesis:
Investigation of the role of intrinsically disordered regions in the DNA binding mechanism of Msn2

בר למפרט
Bar Lampert

המחלקה למדעי החיים
בהדרכת פרופ' עידית שחר

Department of Life Sciences
Advisor: Prof. Idit Shachar

Thesis:
Role of CD84 in viral infections

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שחר כהן
Shahar Cohen

המחלקה למתמטיקה ומדעי המחשב
בהדרכת פרופ' מוני נאור

Department of Mathematics and Computer Science
Advisor: Prof. Moni Naor

Thesis:
Low communication complexity protocols, collision resistant hash functions and secret key-agreement protocols

עדי כהן
Adi Cohen

המחלקה למדעי החיים
בהדרכת פרופ' אירית שגיא

Department of Life Sciences
Advisor: Prof. Irit Sagi

Thesis:
Engineering and characterization of matrix metalloproteinases-scaffolds with enhanced selectivity to specific extracellular matrix components

ספיר כהן
Sapir Cohen

המחלקה למדעי הפיסיקה
בהדרכת פרופ' עדי שטרן
פרופ' רועי עוזרי

Department of Physical Sciences
Advisor: Prof. Ady Stern
Prof. Roee Ozeri

Thesis:
Quantum gates with trapped-ion qubits beyond the Lamb-Dicke approximation

מריה לבנדיק
Mariia Labendik

המחלקה למדעי הפיסיקה
בהדרכת פרופ' מוטי הייבלום

Department of Physical Sciences
Advisor: Prof. Moty Heiblum

Thesis:
Shot noise detection of v=12/5 and v=5/2 quasiparticle charge

בר לביא
Bar Lavi

המחלקה למדעי החיים
בהדרכת פרופ' יעקב אברמסון

Department of Life Sciences
Advisor: Prof. Jakub Abramson

Thesis:
Understanding the breakdown of immune tolerance to food antigens

עמית כהנא
Amit Kahana

המחלקה למדעי החיים
בהדרכת פרופ' דורון לנצט
פרופ' עודד אהרונסון

Department of Life Sciences
Advisor: Prof. Doron Lancet
Prof. Oded Aharonson

Thesis:
Studies of micellar origin of life

שיר מרום
Shir Marom

המחלקה למדעי הכימיה
בהדרכת ד"ר ניר לונדון

Department of Chemical Sciences
Advisor: Dr. Nir London

Thesis:
High-throughput optimization of covalent inhibitors

דור מצר
Dor Mezer

המחלקה למתמטיקה ומדעי המחשב
בהדרכת פרופ' דמיטרי גורביץ

Department of Mathematics and Computer Science
Advisor: Prof. Dmitry Gourevitch

Thesis:
Multiplicity one theorems over positive characteristic

בעז מנוחין
Boaz Menuhin

המחלקה למתמטיקה ומדעי המחשב
בהדרכת פרופ' מוני נאור

Department of Mathematics and Computer Science
Advisor: Prof. Moni Naor

Thesis:
Keep that card in mind: Card guessing with limited memory

איתי נאור
Itay Naor

המחלקה למתמטיקה ומדעי המחשב
בהדרכת פרופ' דמיטרי גורביץ

Department of Mathematics and Computer Science
Advisor: Prof. Dmitry Gourevitch

Thesis:
Multiplicity free representations of general linear groups

אייל נאור
Eyal Naor

המחלקה למתמטיקה ומדעי המחשב
בהדרכת פרופ' מיכל אירני

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

Thesis:
Combining internal and external constraints for unrolling shutter in videos

יובאן מרקוב
Jovan Markov

המחלקה למדעי הפיסיקה
בהדרכת פרופ' כפיר בלום

Department of Physical Sciences
Advisor: Prof. Kfir Blum

Thesis:
Ultralight dark matter: Groundstate solutions in thepresence of two fields

אופיר מילול
Ofir Milul

המחלקה למדעי הפיסיקה
בהדרכת ד"ר סרג' רוזנבלום

Department of Physical Sciences
Advisor: Dr. Serge Rosenblum

Thesis:
Realizing a long-lived photonic qubit in a superconducting cavity

גבריאל מייליכוב
Gabriele Meilikhov

המחלקה למדעי הכימיה
בהדרכת פרופ' רוני נוימן

Department of Chemical Sciences
Advisor: Prof. Ronny Neumann

Thesis:
Synthesis and characterization of Manganese-containing polyoxometalates for electrochemical catalysis of CO2 reduction

רתם מורג
Rotem Morag

המחלקה למדעי החיים
בהדרכת פרופ' נעמה ברקאי

Department of Life Sciences
Advisor: Prof. Naama Barkai

Thesis:
Intrinsically disordered regions in the TF GLN3: Tunable hub directing DNA binding in-vivo

עוז יוסף מנדלסון
Oz Yosef Mendelsohn

המחלקה למדעי הכימיה
בהדרכת פרופ' ליאור קרוניק

Department of Chemical Sciences
Advisor: Prof. Leeor Kronik

Thesis:
Data-driven force fields for large scale molecular dynamics simulations of halide perovskites

אלון ממיסטבלוב
Alon Mamistvalov

המחלקה למתמטיקה ומדעי המחשב
בהדרכת פרופ' יונינה אלדר

Department of Mathematics and Computer Science
Advisor: Prof. Yonina Eldar

Thesis:
Low rate ultrasound beamforming via advanced signal processing and deep learning

אליה מילשטיין
Eliya Milshtein

המחלקה למדעי החיים
בהדרכת פרופ' רון מילוא

Department of Life Sciences
Advisor: Prof. Ron Milo

Thesis:
A compact set of mutations achieves autotrophy in E. coli

אורי סומך
Ori Somech

המחלקה למדעי הפיסיקה
בהדרכת ד"ר אפרים שחמון

Department of Physical Sciences
Advisor: Dr. Ephraim Shahmoon

Thesis:
Heisenberg-Langevin approach for superradiance and spin squeezing

ספיר סויסה
Sapir Suissa

המחלקה למדעי החיים
בהדרכת פרופ' אברהם ירון

Department of Life Sciences
Advisor: Prof. Avraham Yaron

Thesis:
Regulation of Kif2a activity by NGF-mediated phosphorylation

סומאסונדאראם סאנקאראנאראיאנאן
Somasundaram Sankaranarayanan

המחלקה למדעי הפיסיקה
בהדרכת פרופ' גלעד פרז

Department of Physical Sciences
Advisor: Prof. Gilad Perez

Thesis:
Implications of quadratically-coupled ultralight dark matter

אור סמימי גולן
Or Samimi Golan

המחלקה למדעי החיים
בהדרכת פרופ' אלעד שניידמן

Department of Life Sciences
Advisor: Prof. Elad Schneidman

Thesis:
Mapping the architectural and functional organizations of the space of small neural circuits

שרית סמייה
Sarit Samiya

המחלקה למדעי החיים
בהדרכת פרופ' עדה יונת

Department of Life Sciences
Advisor: Prof. Ada Yonath

Thesis:
Structural studies of the pathogen Porphyromonas gingivalis ribosome

גל סלע
Gal Sela

המחלקה למדעי הפיסיקה
בהדרכת ד"ר שקמה ברסלר

Department of Physical Sciences
Advisor: Dr. Shikma Bressler

Thesis:
A data-directed search for lepton-flavor violating decays of the Higgs in the hadronic tau decay channel

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שני נחשון
Shani Nachshon

המחלקה למדעי הכימיה
בהדרכת פרופ' אבישי גל-ים
ד"ר שגיא בן-עמי

Department of Chemical Sciences
Advisor: Prof. Avishay Gal-Yam
Dr. Sagi Ben-Ami

Thesis:
Estimating and predicting seeing conditions; Site survey for the Weizmann Astrophysical Observatory in Israel

אלכסיי נורקין
Alexey Norkin

המחלקה למתמטיקה ומדעי המחשב
בהדרכת פרופ' אוריאל פייגה

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

Thesis:
Improved maximin fair allocation of indivisible items to three agents

נועה נובוגרודר
Noa Novogroder

המחלקה למדעי החיים
בהדרכת פרופ' ערן אלינב

Department of Life Sciences
Advisor: Prof. Eran Elinav

Thesis:
The role of the microbiome in primary sclerosing cholangitis (PSC)

נחום נתן
Nachum Nathan

המחלקה למדעי החיים
בהדרכת פרופ' זיו שולמן

Department of Life Sciences
Advisor: Prof. Ziv Shulman

Thesis:
The antibody immune response to SARS-CoV-2 and the cross-reactive potential of seasonal coronaviruses

חן חיים נקב
Haim Nakav

המחלקה למדעי הפיסיקה
בהדרכת פרופ' רועי עוזרי

Department of Physical Sciences
Advisor: Prof. Roee Ozeri

Thesis:
The effect of fast phase noise on trapped-ion quantum gates

ולריה ניסנביץ
Valerya Nisnevich

המחלקה למדעי החיים
בהדרכת ד"ר רועי אברהם

Department of Life Sciences
Advisor: Dr. Roi Avraham

Thesis:
Characterizing universal and pathogen-specific human immune responses to bacterial infection

פיליפ אלכסנדר פרוינד
Philip Alexander Freund

המחלקה למדעי החיים
בהדרכת פרופ' מייק פיינזילבר

Department of Life Sciences
Advisor: Prof. Mike Fainzilber

Thesis:
Importins in CNS pathways: Roles and therapeutic implications

שירה פסנטין
Shira Passentin

המחלקה להוראת המדעים
בהדרכת פרופ' דוד פורטס

Department of Science Teaching
Advisor: Prof. David Fortus

Thesis:
The relations between teaching practices and adolescents' motivation and self-efficacy for science in face-to-face and distance learning environments

ליאור פיירמן
Lior Faeyrman

המחלקה למדעי הפיסיקה
בהדרכת פרופ' נירית דודוביץ

Department of Physical Sciences
Advisor: Prof. Nirit Dudovich

Thesis:
Measuring the generalized Berry phase in non-inversion symmetric materials using high harmonic generation

אריאל פררה
Ariel Perera

המחלקה למדעי הפיסיקה
בהדרכת פרופ' בינגהיי יאן

Department of Physical Sciences
Advisor: Prof. Binghai Yan

Thesis:
Nonlinear anomalous Hall effect in 2D materials, Black Arsenic and Black Phosphorus

תום פרסטר
Tom Ferster

המחלקה למתמטיקה ומדעי המחשב
בהדרכת פרופ' אוריאל פייגה

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

Thesis:
A tight bound for the clique query problem in two rounds

דניאל פרייזדזון
Daniel Freidzon

המחלקה למדעי הכימיה
בהדרכת פרופ' איגור לובומירסקי

Department of Chemical Sciences
Advisor: Prof. Igor Lubomirsky

Thesis:
Electro-chemo-X effect in thin film-based devices

נועה עובד
Noa Oved

המחלקה למתמטיקה ומדעי המחשב
בהדרכת פרופ' מוני נאור
פרופ' רוברט קראוטגמר

Department of Mathematics and Computer Science
Advisor: Prof. Moni Naor
Prof. Robert Krauthgamer

Thesis:
Bet-or-Pass: Adversarially robust bloom filters

עודד עבדת
Oded Ovdat

המחלקה למדעי הפיסיקה
בהדרכת פרופ' ברק דיין

Department of Physical Sciences
Advisor: Prof. Barak Dayan

Thesis:
Intertial geometric gates for quantum computation with cold atoms

ויקטוריה סמליאק
Viktoryia Smaliak

המחלקה למדעי הכימיה
בהדרכת ד"ר סרגיי סמנוב

Department of Chemical Sciences
Advisor: Dr. Sergey Semenov

Thesis:
Design of negative feedback based on Thiol-Induced release of selenium

אלה פוזנר
Ella Pozner

המחלקה למדעי החיים
בהדרכת ד"ר תמיר קליין

Department of Life Sciences
Advisor: Dr. Tamir Klein

Thesis:
The role of drought in eliminating forest regeneration at the edge of its distribution

דורין פדן בן ישר
Doreen Padan Ben Yashar

המחלקה למדעי החיים
בהדרכת פרופ' טוני פוטרמן

Department of Life Sciences
Advisor: Prof. Tony Futerman

Thesis:
Pathological pathways in neuronal Gaucher Disease: The role of lipid droplets and beyond

אלון ענבר
Alon Inbar

המחלקה למדעי הפיסיקה
בהדרכת פרופ' שחל אילני

Department of Physical Sciences
Advisor: Prof. Shahal Ilani

Thesis:
Electronic study of 2D van der Waals heterostructures with in-situ dynamical twist angle rotation

דוד קופריביצה
David Koprivica

המחלקה למדעי הכימיה
בהדרכת פרופ' לוסיו פרידמן

Department of Chemical Sciences
Advisor: Prof. Lucio Frydman

Thesis:
Novel referenceless methods for t1 denoising in nuclear magnetic resonance

דוד זאב קופלוביץ
David Zeev Koplovich

המחלקה למדעי הפיסיקה
בהדרכת פרופ' עופר פירסטנברג

Department of Physical Sciences
Advisor: Prof. Ofer Firstenberg

Thesis:
Coherent interactions between a super-extended nanofiber-guided field and hot atoms

הודיה קוסלובסקי
Hodaya Koslowsky

המחלקה למתמטיקה ומדעי המחשב
בהדרכת פרופ' רונן בצרי

Department of Mathematics and Computer Science
Advisor: Prof. Ronen Basri

Thesis:
Structure from motion by deep neural networks

גיא קורנובסקי
Guy Kornowski

המחלקה למתמטיקה ומדעי המחשב
בהדרכת פרופ' אוהד שמיר

Department of Mathematics and Computer Science
Advisor: Prof. Ohad Shamir

Thesis:
Oracle complexity in nonsmooth nonconvex optimization

עמית קוקוי
Amit Cucuy

המחלקה למדעי החיים
בהדרכת פרופ' אברהם לוי

Department of Life Sciences
Advisor: Prof. Avraham Levy

Thesis:
Factors affecting the efficiency and patterns of DNA double-strand break repair in plants

גנית קופרשמיט
Ganit Kupershmidt

המחלקה למתמטיקה ומדעי המחשב
בהדרכת פרופ' מיכל אירני

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

Thesis:
Video reconstruction from fMRI brain activity

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ארז צימרמן
Erez Zimmerman

המחלקה למדעי הפיסיקה
בהדרכת פרופ' אבישי גל-ים

Department of Physical Sciences
Advisor: Prof. Avishay Gal-Yam

Thesis:
High velocity circumstellar wind around the type II supernova SN 2020pni

נועם צומעי
Noam Tsumi

המחלקה למדעי הכימיה
בהדרכת ד"ר יעל קירו

Department of Chemical Sciences
Advisor: Dr. Yael Kiro

Thesis:
Water-rock interaction time-scales during seawater circulation in coastal aquifers: Nitzanim as a case study

ולריה צ'וגאבה
Valeriya Chugaeva

המחלקה למדעי החיים
בהדרכת פרופ' יעקב חנא

Department of Life Sciences
Advisor: Prof. Jacob (Yaqub) Hanna

Thesis:
Establishment of in vitro culture conditions for deriving "super-primed" human pluripotent cells

דויד קולומבוס
David Columbus

המחלקה למדעי הכימיה
בהדרכת ד"ר מיכל לסקס

Department of Chemical Sciences
Advisor: Dr. Michal Leskes

Thesis:
Examination of interfacial lithium ion transport through computational and experimental techniques

דמיטרי קוביאלנסקי
Dmitrii Kobylianskii

המחלקה למדעי הפיסיקה
בהדרכת פרופ' עילם גרוס

Department of Physical Sciences
Advisor: Prof. Eilam Gross

Thesis:
Soft electron tagger

איגור קאצ'מרצ'יק
Igor Kaczmarczyk

המחלקה למדעי החיים
בהדרכת ד"ר מורן בן עמי

Department of Life Sciences
Advisor: Dr. Moran Shalev-Benami

Thesis:
Structural and functional studies of Bestrhodopsins – a novel protein family found in unicellular algae

גיא ראובני
Guy Reuveni

המחלקה למדעי הכימיה
בהדרכת ד"ר עומר יפה

Department of Chemical Sciences
Advisor: Dr. Omer Yaffe

Thesis:
Towards a better understanding of the relationship between electronic properties and structural dynamics of Halide Perovskites

גילי קרני
Gili Karni

המחלקה למתמטיקה ומדעי המחשב
בהדרכת פרופ' גיא רוטבלום

Department of Mathematics and Computer Science
Advisor: Prof. Guy Rothblum

Thesis:
On fairness and stability in two-sided matchings

דניאל קרונגאוז
Danielle Krongauz

המחלקה למדעי הכימיה
בהדרכת ד"ר סרגיי סמנוב

Department of Chemical Sciences
Advisor: Dr. Sergey Semenov

Thesis:
Towards electrochemically induced reductive elimination of Aryl fluorides from a Ni-Aryl complex

מאור רוזנברג
Maor Rosenberg

המחלקה למדעי הכימיה
בהדרכת פרופ' דן אורון

Department of Chemical Sciences
Advisor: Prof. Dan Oron

Thesis:
Nonlinear spectroscopy of nanomaterials

נועם רוזן
Noam Rozen

המחלקה למתמטיקה ומדעי המחשב
בהדרכת פרופ' ירון ליפמן

Department of Mathematics and Computer Science
Advisor: Prof. Yaron Lipman

Thesis:
Moser Flow: Divergence-based generative modeling on manifolds

יואב רביד
Yoav Ravid

המחלקה למדעי הפיסיקה
בהדרכת פרופ' ניר גוב

Department of Physical Sciences
Advisor: Prof. Nir Gov

Thesis:
Studies of simulated membrane shapes driven by active curved proteins

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אמיר קליינר
Amir Kleiner

המחלקה למדעי הכימיה
בהדרכת ד"ר סיון רפאלי-אברמסון

Department of Chemical Sciences
Advisor: Dr. Sivan Refaely-Abramson

Thesis:
Computational approach to excited state dynamics at the interfaces of layered transition-metal dichalcogenide heterostructures

גילעד קישוני
Gilad Kishony

המחלקה למדעי הפיסיקה
בהדרכת פרופ' ארז ברג

Department of Physical Sciences
Advisor: Prof. Erez Berg

Thesis:
Converting electrons into emergent fermions at a superconductor-Kitaev spin liquid interface

יובל קושמרו
Yuval Kushmaro

המחלקה למדעי הכימיה
בהדרכת פרופ' דן תופיק
פרופ' שראל פליישמן

Department of Chemical Sciences
Advisor: Prof. Dan S. Tawfik
Prof. Sarel Fleishman

Thesis:
Organo-phosphate degradation by Phaeobacter inhibines

ארקדי קפלן
Arkady Kaplan

המחלקה למדעי הכימיה
בהדרכת פרופ' אלי זלדוב

Department of Chemical Sciences
Advisor: Prof. Eli Zeldov

Thesis:
Direct observation of vortices in an electron fluid

דניאל קסטרו
Daniel Castro

המחלקה למדעי הפיסיקה
בהדרכת ד"ר הילל אהרוני

Department of Physical Sciences
Advisor: Dr. Hillel Aharoni

Thesis:
Some analytic results in the two-dimensional inverse problem of deforming nematic elastomer surfaces

ליאור קלמן
Lior Kalman

המחלקה למתמטיקה ומדעי המחשב
בהדרכת פרופ' רוברט קראוטגמר

Department of Mathematics and Computer Science
Advisor: Prof. Robert Krauthgamer

Thesis:
Flow metrics on graphs

עדי שינדלר
Adi Shindler

המחלקה למתמטיקה ומדעי המחשב
בהדרכת פרופ' מוני נאור

Department of Mathematics and Computer Science
Advisor: Prof. Moni Naor

Thesis:
Disease spread modeling

מיכל שילה
Michal Shilo

המחלקה למתמטיקה ומדעי המחשב
בהדרכת פרופ' אורי אלון

Department of Mathematics and Computer Science
Advisor: Prof. Uri Alon

Thesis:
A mathematical model for ovulation number control based on biphasic effects of androgen

רחל שטייניץ אליהו
Rachel Steinitz Eliyahu

המחלקה למדעי הכימיה
בהדרכת ד"ר סיון רפאלי-אברמסון

Department of Chemical Sciences
Advisor: Dr. Sivan Refaely-Abramson

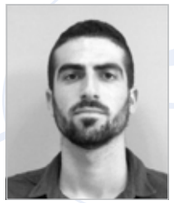
Thesis:
Excited state properties and charge transfer in BiVO4 with atomic vacancies: A first-principles study

גויון שן
Guoyun Chen

המחלקה למדעי הכימיה
בהדרכת ד"ר יפעת מרבל
פרופ' ולרי קריזנובסקי

Department of Chemical Sciences
Advisor: Dr. Yifat Merbl
Prof. Valery Krizhanovsky

Thesis:
Regulatory role of immunoproteasome in senescence



אריאל שמוחה
Ariel Smooha

המחלקה למדעי הכימיה
בהדרכת ד"ר עמית פינקלר

Department of Chemical Sciences
Advisor: Dr. Amit Finkler

Thesis:
The influence of laser irradiation on spin labels in diamond magnetometry

אסף שינפלד
Assaf Shonfeld

המחלקה למדעי הכימיה
בהדרכת פרופ' ברק דיין

Department of Chemical Sciences
Advisor: Prof. Barak Dayan

Thesis:
Atomic fountain induced by magnetic fields for loading atoms into chip-based trap

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אור רם
Or Ram

המחלקה למדעי החיים
בהדרכת פרופ' אהוד אחישר

Department of Life Sciences
Advisor: Prof. Ehud Ahissar

Thesis:
Visual hyperacuity with moving sensor and recurrent neuronal computations

ערן רכס
Eran Reches

המחלקה למדעי הפיסיקה
בהדרכת פרופ' עופר פירסטנברג

Department of Physical Sciences
Advisor: Prof. Ofer Firstenberg

Thesis:
Storage of light on noble-gas spins and hot Rydberg atoms

שלמה רון
Shlomo Ron

המחלקה למדעי הפיסיקה
בהדרכת פרופ' אלישע מוזס

Department of Physical Sciences
Advisor: Prof. Elisha Moses

Thesis:
Combined ultrasound and TMS neurostimulation in neuronal cultures

סתיו שטיגליץ
Stav Shtiglitz

המחלקה למדעי החיים
בהדרכת ד"ר איבו שפיגל

Department of Life Sciences
Advisor: Dr. Ivo Spiegel

Thesis:
Behavioural state-dependent regulation of binocular vision in mice

ליאור שחר
Lior Shachar

המחלקה למדעי החיים
בהדרכת פרופ' רון מילוא

Department of Life Sciences
Advisor: Prof. Ron Milo

Thesis:
Achieving CO2-fixation rates capable of supporting ambient-level autotrophy in E. coli

צור רענן
Tzur Raanan

המחלקה למדעי הכימיה
בהדרכת פרופ' שחל אילני

Department of Chemical Sciences
Advisor: Prof. Shahal Ilani

Thesis:
Visualization of electron optics in graphene heterostructures

יובל שפיר
Yuval Shapir

המחלקה למדעי החיים
בהדרכת ד"ר רוני דהן

Department of Life Sciences
Advisor: Dr. Rony Dahan

Thesis:
The role of the immune synapse during T-cell mediated anti-tumor immunity

ירדן שפר
Yarden Sheffer

המחלקה למדעי הפיסיקה
בהדרכת פרופ' עדי שטרן

Department of Physical Sciences
Advisor: Prof. Ady Stern

Thesis:
Moire patterns in weak topological insulator surfaces

דוד שריקר
David Sriker

המחלקה למדעי הכימיה
בהדרכת פרופ' עמנואל לוי

Department of Chemical Sciences
Advisor: Prof. Emmanuel Levy

Thesis:
Predicting inter-molecular contacts from multi-sequence alignment using deep learning

נדב תימור
Nadav Timor

המחלקה למתמטיקה ומדעי המחשב
בהדרכת פרופ' אוהד שמיר

Department of Mathematics and Computer Science
Advisor: Prof. Ohad Shamir

Thesis:
Implicit regularization towards rank minimization in ReLU networks

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Weizmann Institute of Science | **Feinberg Graduate School** | 2022 Graduates

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.

Banan Abu Katish
Hila (Miriam) Dagan
Ido Eliashar
Hanan Gbarin
Aleksandra Goltzman
Irena Gross
Miri Lev
Ofir Levy
Keren Morag
Ronnen Nagal
Hadas Nissim
Saar Niv
Yaara Nyman
Ori Raviv
David Shalom
Tal Shpigel
Sigal Tzuriel
Itamar Yitzhak
Shani Zamir

רונן נגל
Ronnen Nagal

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

קרן מורג
Keren Morag

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

אופיר לוי
Ofir Levy

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

חנאן ג'בארין
Hanan Gbarin

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

עידו אלישר
Ido Eliashar

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

בנאן אבו קטיש
Banan Abu Katish

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

הדס נסים
Hadas Nissim

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

יערה ניימן
Yaara Nyman

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

סער ניב
Saar Niv

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

הילה (מרים) דגן
Hila (Miriam) Dagan

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

אירנה גרוס
Irena Gross

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

אלכסנדרה גולצמן
Aleksandra Goltzman

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

דוד שלום
David Shalom

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

אורי רביב
Ori Raviv

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

סיגל צוריאל
Sigal Tzuriel

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

מירי לב
Miri Lev

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

איתמר יצחק
Itamar Yitzhak

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

שני זמיר
Shani Zamir

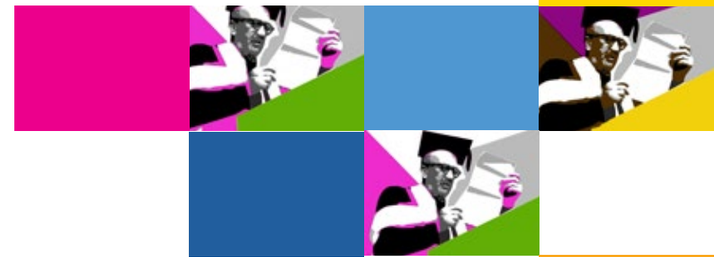
תואר שני ללא תזה בהוראת המדעים
MSc without thesis in Science Teaching

Weizmann Institute of Science | **Feinberg Graduate School** | Recipients of MSc without thesis in Science Teaching | 2022 Graduates

טל שפיגל
Tal Shpigel

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

Weizmann Institute of Science | **Feinberg Graduate School** | 2022 Graduates



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.