



ROTHSCHILD FELLOWS COLLOQUIUM

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Dear Fellows,

The Rothschild Fellows Colloquium has become a highly anticipated tradition for us at Yad Hanadiv. It provides an all too rare opportunity for exceptional scholars from diverse fields to come together at a critical stage in their careers. We hope the next two days will offer you a chance to build new relationships, deepen existing ties and open doors to scientific collaborations in ways that help your careers to flourish.

The Rothschild Fellowships are a core component of Yad Hanadiv's support for academia in Israel. Almost 40 years of activity reflects our conviction that the exceptional quality of research carried out across Israel's universities is among the country's greatest resources. Its continuation relies on the commitment and drive of scholars such as yourselves to pursue academic careers in Israel. We encourage you to play an active role in sustaining this community and hope to continue to find ways of working together to advance the quality and reach of scientific inquiry in Israel's universities.



Ariel Weiss
Chief Executive
Yad Hanadiv



Asher Ragen
Programme Director
Academic Excellence

Dear Rothschild Fellows and Colleagues,

I am honored to welcome you to the Third Rothschild Fellows Colloquium at the Israel Institute for Advanced Studies (IIAS). In this colloquium, we are hosting previous and current Rothschild Fellows who represent all universities in Israel. Most importantly, the Rothschild Fellows here today represent academic diversity in terms of gender and age, as well as in the research and scholarship they pursue in mathematics, history, brain science, literature, art, ecology and everything in between. Looking back at the list of Rothschild Fellows from the past, I see many of the leaders, not only of Israeli academia, but of Israeli society in general. Therefore, I feel that receiving this fellowship is not only a privilege, but a tremendous responsibility. As Director of the IIAS, I also feel this sense of responsibility. I hope the IIAS will serve as a partner who can help you realize your vision.

With my very best wishes and warmest regards,

A handwritten signature in black ink, appearing to read 'Michal Linial', written in a cursive style.

Michal Linial
Director,
Israel Institute for Advanced Studies

ABOUT YAD HANADIV

Yad Hanadiv is dedicated to creating resources for advancing Israel as a healthy, vibrant, democratic society, committed to Jewish values and equal opportunity for the benefit of all its inhabitants. The Foundation acts in Israel on behalf of Rothschild family trusts that carry forward a 130-year tradition of philanthropy in Israel.

Yad Hanadiv seeks to maintain a modest public profile and traditionally refrains from publicizing its grants.

Among its better known projects are the construction of Israel's Knesset (1966) and Supreme Court (1992) buildings, the establishment of Educational Television (1966), the Centre for Educational Technology (1974) and the Open University of Israel (2004).

Current activity focuses on four core programme areas: Academic Excellence, Education, Environment and Arab Community. The Foundation is also responsible for operating Ramat Hanadiv, a 1,000-acre nature park and memorial gardens, and is collaborating with the National Library of Israel towards its renewal as a 21st century hub for on-site and online activity in a fitting and sustainable home.

ABOUT ACADEMIC EXCELLENCE

The Academic Excellence Programme at Yad Hanadiv is dedicated to supporting international-calibre research in Israel by investing in outstanding young scholars and promising fields.

Funding world-class research in Israel has been a mainstay of Yad Hanadiv's philanthropy for decades. It has been directed towards enabling young scholars to spend time at top institutions abroad through the flagship Rothschild postdoctoral Fellowships and to bringing leading foreign scholars to Israel through the Israel Institute for Advanced Studies.

Yad Hanadiv has assisted the Israel National Centre for Personalized Medicine's efforts to provide research infrastructure in increasingly vital areas of biological research, and to establish a model for national scientific infrastructures. It is helping to establish a government-philanthropy partnership to advance Precision Medicine infrastructure and research in Israel through the sharing of clinical data, large-scale collection and analysis of genomic and other molecular data, and basic research projects that bring together researchers from clinical and university settings.

Yad Hanadiv has supported innovative inter-university collaborations in the Humanities through the Humanities Fund (established in 2008 in partnership with the Planning and Budgeting Committee of the Council for Higher Education) and has promoted a strategic approach to faculty recruitment by university leadership. The Foundation is currently seeking to broaden opportunities to expose university students to the intellectual wealth of the Humanities.

The Rothschild Prizes have been awarded by Yad Hanadiv since 1959 to recognize exceptional scholarship.

ABOUT THE ROTHSCHILD FELLOWSHIPS

The Rothschild Fellowship programme was established to help young scholars of outstanding academic merit and potential to advance in their respective fields. The first group of Fellows was selected for the 1979-80 academic year. Nine fellowships were awarded in that first round.

In 1997 the programme was divided into two categories, Rothschild Fellowships in the Natural, Exact and Life Sciences and Engineering and Rothschild Fellowships in the Humanities and Social Sciences. Up to thirteen Rothschild Fellowships are awarded each year in Sciences and Engineering and up to nine in Humanities and Social Sciences.

The first Selection Committee was chaired by Sir Isaiah Berlin. Subsequent Committee Chairs have included Aryeh Dvoretzky (former head of the Israel Academy of Sciences and Humanities), Hillel Furstenberg, David Kazhdan and David Shulman. The current Chair of the Natural, Exact and Life Sciences and Engineering Committee is Professor Marcus Feldman (Stanford University); Professor Peter Jelavich (Johns Hopkins University) chairs the Committee for the Humanities and Social Sciences.

Over 650 Fellowships have been awarded to date. The majority of Fellows have pursued academic careers in Israel, with many becoming leading figures in their fields. Numerous Fellows can be found in positions of academic leadership in Israel, including university presidents, vice presidents and rectors. (A complete list of past Fellows may be found on pp. 44–56.)

In 2012 we initiated a tradition of Rothschild Fellows Colloquia. The Colloquium takes place every three years and brings together the most recent three cohorts of Rothschild Fellows, many of whom are still in the midst of postdoctoral studies. It is an opportunity for Fellows to meet colleagues and present their work to committee members and senior academics in Israel. The 2018 Colloquium includes Fellows from 2014–2016.

PROGRAMME

Rothschild Fellows Colloquium 6–7 May 2018

The Israel Institute for Advanced Studies
Edmond J. Safra Campus, Givat Ram, Jerusalem

Sunday 6 May 2018

8:45–9:15

Coffee and Registration

9:15–9:30

Welcome

Professor Michal Linial

Director, Israel Institute for Advanced Studies (IIAS)

Professor Marc Feldman

Chair, Natural, Exact and Life Science and Engineering Committee

Dr Asher Ragen

Programme Director, Academic Excellence, Yad Hanadiv

9:30–9:50

‘Speed-dating’

9:50–10:00

Coffee Break

10:00–11:50

Plenary Session – Part One
Presentations by Rothschild Fellows

Anat Arzi (Neurobiology)

Associative learning during sleep: an interplay
between behaviour, sleep stages, and brain activity

Motti Zohar (Historical Geography)

Can we reconstruct the climate of southern Palestine
during late antiquity and early medieval period?

Nitzan Shahar (Psychology)

Exploring decision mechanisms in healthy and clinical populations

Ranen Aviner (Biology)

Ribosome composition analysis illuminates search for novel antiviral strategies

Julie Fadlon (Linguistics)

It depends: structural choices in the production of filler-gap dependencies

Sivan Refaely-Abramson (Renewable Energy)

Harnessing solar energy efficiently with symmetry

Liron Stern (Applied Physics)

From mm-scale to nano-scale metrology: taming atoms, micro-combs and high finesse cavities

12:00–12:50

Panel with University Leadership

Professor Hagit Attiya

Executive Vice President for Academic Affairs
Technion – Israel Institute of Technology

Professor Barak Medina

Rector, The Hebrew University of Jerusalem

Professor Shulamit Michaeli

Vice President for Research, Bar-Ilan University

Professor Ron Robin

President, The University of Haifa

Moderator: *Professor Marc Feldman*

13:15–14:30

Lunch: Ha-Ivrit Restaurant on Campus

14:45–17:00

Plenary Session – Part Two
Presentations by Rothschild Fellows

Leeat Yankielowicz-Keren (Life Sciences)

Characterization of the tumor immune microenvironment by multiplexed imaging

Pavel Goldstein (Social Neuroscience)

Mobile platform for multidimensional tracking of pain

Firas Mawase (Biomedical Engineering)

Leveraging Motor Learning Principles for Post-Stroke Neurorehabilitation

Shahar Barbash (Computational Neurobiology)

Brain Evolution and Diseases

Ronit Levine-Schnur (Law)

To take or not to take, or, what drives governmental expropriation decisions?

Elad Noor (Biochemistry)

The costs of enzymatic catalysis and the benefits of bioproduction

Noga Ron-Zewi (Computer Science)

Fast Sublinear Algorithms for Error Detection and Correction

Or Hen (Nuclear Science)

From Nuclei to Neutron-Stars: Short-Range Fermion Correlations

17:00–17:15

Coffee Break

17:15–18:15

Lecture: *Professor Hezy Yeshurun*

Feature, Product or Company - What Are You Starting Up?

Free time

19:30–21:30

Cocktails and Dinner, The Israel Museum Modern Restaurant
Joined by past Rothschild Prize and Bruno Award recipients and newly-selected 2018 Rothschild Fellows

Monday 7 May 2018

- 8:30–9:00** **Gathering and Coffee**
- 9:00–11:00** **Roundtables: Building an Academic Career in Israel**
With leading mid-career scholars
- Humanities
Dr Aya Elyada, Professor Ophir Münz-Manor,
Professor Andrea Rotstein
- Social Sciences
Professor Golan Shachar, Professor Badi Hasisi,
Professor Karni Ginzburg
- Life Sciences
Dr Jonathan Belmaker, Professor Yonatan Loewenstein,
Dr Yaniv Ziv
- Exact Sciences
Professor Benny Applebaum, Professor Esty Segal,
Professor Avi Zadok
- 11:00–11:15** **Coffee Break**
- 11:15–12:15** **Conversation with: Professor Yuval N. Harari**
Science and Politics in the 21st Century
- 12:15–13:00** **Wrap-Up and Feedback**
- 13:00–13:45** **Light lunch**
- 13:45–15:15** **A behind-the-scenes visit to the National Library**
and its Collections

Roundtable Session Leaders

Humanities

Aya Elyada is Senior Lecturer in History at The Hebrew University, where she has been on the faculty since 2012. She completed a joint PhD at Tel Aviv University and the Ludwig Maximilian University, Munich, followed by three years as a visiting postdoctoral fellow at Duke University. Her main fields of interest are German and German–Jewish history and culture; Christian–Jewish relations; Yiddish language and literature; the history of the Yiddish–German encounter; and the social and cultural history of language and translation. She received a Hanadiv Fellowship in European and Western History in 2009.

aya.elyada@mail.huji.ac.il

Ophir Münz-Manor is Associate Professor of Rabbinic Culture in the Department of History, Philosophy and Judaic Studies at the Open University, specializing in Jewish liturgy and liturgical poetry from Late Antiquity and the early Middle Ages. His studies focus on the intersections with contemporary Christian texts as well as questions of ritual, performance and gender in late antique Near Eastern cultures. In recent years Münz-Manor has been exploring ways in which Digital Humanities converge with literary studies of late antique literature. Professor Münz-Manor completed his PhD at The Hebrew University and did postdocs at Brown University and the University of Pennsylvania. He is a 2006 Rothschild Fellow.

ophirmm@openu.ac.il

Andrea Rotstein is Associate Professor of Classics at Tel Aviv University. She completed her doctorate in 2003 at The Hebrew University. She spent two years conducting dissertation research at Corpus Christi College, Oxford – the first year supported by a Rothschild Fellowship. Professor Rotstein obtained a Hanadiv Fellowship for postdoctoral research, which she carried out both in Israel and at Stanford University. Her areas of interest include ancient literary genres (particularly Greek iambic poetry), the performance of ancient Greek poetry (especially at musical competitions), ancient perceptions of literary history, and more recently, Vergil's style.

arots@post.tau.ac.il

Social Sciences

Karni Ginzburg is an Associate Professor at the School of Social Work, Tel Aviv University. She is head of the MSW programme for Social Work in Stress and Trauma Situations at Tel Aviv University's School of Social Work, and the head of the School's doctoral programme. She completed her MA in Cognitive Psychology and her PhD in Social Work at Tel Aviv University. Professor Ginzburg received a Rothschild Fellowship in 2003 which enabled her to do postdoctoral work in the Department of Psychiatry and Behavioral Sciences, Stanford University. Her work examines the intersection between exposure to traumatic stress, emotional, and physical distress. She aims to understand the complex relationship between these factors, and to develop models that explain the mechanisms involved.

karnig@tauex.tau.ac.il

Badi Hasisi is an Associate Professor and serves as a Chair of the Institute of Criminology, The Hebrew University. His field of research focuses on policing and society, terrorism, evaluation studies, and law and society. His earlier work focused on the interaction between community and the criminal justice agencies, with specific emphasis on the particular problems faced by minority groups with the police. Professor Hasisi completed his PhD in Sociology and Anthropology at the University of Haifa, and did a postdoc at the School of Criminal Justice, SUNY, Albany. Professor Hasisi also serves as the Executive Editor of the Journal of Quantitative Criminology. He is a 2006 Rothschild Fellow.

badi.hasisi@mail.huji.ac.il

Golan Shahar is a clinical-health and developmental-health psychologist and a translational stress/health researcher. He is a Professor of Psychology at Ben-Gurion University, and Adjunct Professor of Psychiatry and Child Study at Yale University School of Medicine. Professor Shahar is also the outgoing Chief Editor of the Journal of Psychotherapy Integration. He completed his PhD at Ben-Gurion University and did his postdoc at Yale University. He is a 2000 Rothschild Fellow.

golan.shahar878@gmail.com

Life Sciences

Jonathan Belmaker is Senior Lecturer at the School of Zoology, Tel Aviv University. He completed his PhD at Ben-Gurion University in 2008, and went on to do a postdoc at UC San Diego followed by three years at Yale University. His research interests include community ecology, biogeography and conservation. Dr Belmaker's lab focuses on understanding how patterns of biodiversity and the underlying processes vary across geographical and environmental gradients. Dr Belmaker is a 2008 Rothschild Fellow.

jbelmaker@post.tau.ac.il

Yonatan Loewenstein is an Associate Professor at the Alexander Silberman Institute of Life Sciences, the Department of Cognitive Sciences, the Edmond and Lily Safra Centre for Brain Sciences and the Federmann Centre for the Study of Rationality at The Hebrew University. He received his PhD from The Hebrew University in 2004. Between 2004 and 2006 he was a postdoctoral fellow at the Massachusetts Institute of Technology (MIT), for which he received a Rothschild Fellowship. Professor Loewenstein's research interests lie in the interface between computational neuroscience and computational cognition. Specifically, he uses reinforcement learning to study operant learning, Bayesian inference to study perception and recurrent network models to study how synaptic dynamics affects cortical activity.

yonatan@huji.ac.il

Yaniv Ziv is a Senior Scientist at the Department of Neurobiology at the Weizmann Institute of Science. He completed his PhD there in 2007, followed by postdoctoral research at Stanford University for which he received a Rothschild Fellowship in 2008. His research focuses on the mechanisms and dynamics underlying long-term memory under both normal and pathological conditions. His lab is specifically interested in how memory information is coded in the brain, and about what happens, from the perspective of the neural code, to information 'stored' in the brain over timescales that range from days to month.

yaniv.ziv@weizmann.ac.il

Exact Sciences and Engineering

Benny Appelbaum is an Associate Professor at the School of Electrical Engineering, Tel Aviv University. He received his PhD from the Technion in Computer Sciences in 2007, and subsequently did postdoctoral research in the Department of Computer Sciences at Princeton University, for which he received a Rothschild Fellowship. His research interest focuses primarily on the foundations of cryptography. He also has a broad interest in computational complexity and coding theory.

bennyap@post.tau.ac.il

Esty (Ester) Segal is an Associate Professor in the Department of Biotechnology and Food Engineering at the Technion. She completed her PhD in Chemical Engineering there in 2004, followed by three years of postdoctoral research at the University of California, San Diego, for which she received a Rothschild Fellowship. Her research is at the interface between materials science and biotechnology, and utilizes a multidisciplinary approach, coupling materials science and engineering, chemistry and biology to address problems in biotechnology, food engineering and medicine.

esegal@technion.ac.il

Avi (Avinoam) Zadok is an Associate Professor at the Faculty of Engineering, Bar-Ilan University. His research focuses on nonlinear and opto-mechanical propagation effects in optical fibres and photonic devices. He received a PhD from the School of Electrical Engineering at Tel Aviv University in 2007, and between 2007 and 2009 did postdoctoral research with the group of Professor Amnon Yariv at the Applied Physics Department of the California Institute of Technology (Caltech). Professor Zadok is a 2007 Rothschild Fellow.

avinoam.zadok@biu.ac.il

Lecturers

Yuval Noah Harari is an Associate Professor of History at The Hebrew University of Jerusalem. He is the author of the international bestsellers *Sapiens: A Brief History of Humankind* and *Homo Deus: A Brief History of Tomorrow*, as well as the forthcoming *21 Lessons for the 21st Century* (out September 2018). He completed his BA and MA in History at The Hebrew University and received a DPhil from the University of Oxford in 2002. In 1998 he was awarded a Rothschild Fellowship to pursue doctoral studies at Oxford, and in 2003 he received a Hanadiv Fellowship in European and Western History for conducting postdoctoral research. Professor Harari specializes in world, medieval and military history, focusing on macro-historical questions such as: 'What is the relationship between history and biology?' and 'Is there justice in history?' He has twice won the Polonsky Prize for Creativity and Originality (2009 and 2012); the Society for Military History's Moncado Award in 2011; and Handelsblatt's German Economic Book Award for the most thoughtful and influential economic book of the year (for *Homo Deus*) in 2017.

Hezy Yeshurun is Professor at the Blavatnik School of Computer Science, Tel Aviv University. His research focuses on computer vision and computation neuroscience. He is also Chair and Co-Founder of ForeScout Technologies, and the Founder of TapGuard and Top Image Systems. He completed his PhD in 1985 at Tel Aviv University and did postdoctoral work at the Courant Institute of New York University. He has been a Visiting Professor at NYU, the University of Paris and McGill University. He served as Chair of the Israeli National IT Committee at the Ministry of Science, as a board member of the US-Israel Science and Technology Commission and was a member of the Board of Governors of the International Association for Pattern Recognition.

Committee Members 2018-2019

Rothschild Fellowships in the Humanities and Social Sciences

Chair: Professor. Peter Jelavich (History, Johns Hopkins University)

Professor Niva Elkin-Koren (Law and Technology, University of Haifa)

Professor Edward (Ted) Fram (Jewish History, Ben-Gurion University of the Negev)

Professor Ronit Ricci (Asian Studies, The Hebrew University of Jerusalem)

Professor Morris Moscovitch (Psychology, University of Toronto)

Professor David Schloen (Archaeology, University of Chicago)

Professor Ran Spiegler (Economics, Tel Aviv University and University College London)

Rothschild Fellowships in the Natural, Exact and Life Sciences, and Engineering

Chair: Professor Marcus Feldman (Ecology, Stanford University)

Professor Naama Barkai (Molecular Genetics, Weizmann Institute of Science)

Professor Ramy Brustein (Physics, Ben-Gurion University of the Negev)

Professor Sylvain Cappell (Mathematics, New York University)

Professor Barbara Grosz (Computer Science, Harvard University)

Professor Ilan Marek (Chemistry, Technion – Israel Institute of Technology)

Professor Howard Stone (Engineering, Princeton University)

COLLOQUIUM PARTICIPANTS 2018



Shahar Alon

2014/2015

Current Affiliation:
MIT

Postdoc:
MIT

PhD:
Tel Aviv University, 2015

Main areas of research:
Characterization of intact
brain circuits using spatial
genomics

shaharalon.mail@gmail.com



Anat Arzi

2015/2016

Current Affiliation:
University of Cambridge

Postdoc:
University of Cambridge

PhD:
Weizmann Institute
of Science, 2014

Main areas of research:
Sensory and cognitive
processing in altered states
of consciousness as sleep,
sedation and disorders of
consciousness

anat.arzi@gmail.com



Ranen Aviner

2015/2016

Current Affiliation:
Stanford University and
University of California,
San Francisco (UCSF)

Postdoc:
Stanford University
and University of California,
San Francisco (UCSF)

PhD:
Tel Aviv University, 2014

Main areas of research:
Host-pathogen interactions
in RNA viruses; protein
synthesis, folding and
degradation during viral
infection

ranen.aviner@gmail.com



Avishai Bar-Asher

2015/2016

Current Affiliation:

Department of Jewish Thought,
The Hebrew University

Postdoc:

Princeton University

PhD:

The Hebrew University, 2015

Main areas of research:

Jewish Mysticism, Jewish
Thought and Philosophy,
Kabbalah, Medieval
Eschatology

avishai.bar-asher@mail.huji.ac.il;
avishaiba@gmail.com



Shahar Barbash

2015/2016

Current Affiliation:

The Rockefeller University,
New York

Postdoc:

The Rockefeller University

PhD:

The Hebrew University, 2015

Main areas of research:

Role of certain molecular
processes in brain evolution
and human brain disease
based on a hypothesis that
these two are tightly linked
and can foster advances in
both fields

barbashshahar@gmail.com



Ido Barth

2014/2015

Current Affiliation:

The Hebrew University

Postdoc:

Princeton University

PhD:

The Hebrew University, 2012

Main areas of research:

Laser-plasma interaction
focusing on Raman
amplifiers; autoresonance
and ladder climbing in
classical and quantum
systems

ido.barth@mail.huji.ac.il



Yuval Baum
2016/2017

Current Affiliation:
California Institute
of Technology (Caltech)

Postdoc:
California Institute
of Technology

PhD:
Weizmann Institute
of Science, 2016

Main areas of research:
Topological phases
of matter and driven
electronic systems

yuvalbaum9@gmail.com



Rivka Bekenstein
2016/2017

Current Affiliation:
Harvard University

Postdoc:
Harvard University

PhD:
Technion, 2017

Main areas of research:
Exploring the relation
between gravity and
quantum mechanics
using analogous quantum
optical systems

rivka.bekenstein@cfa.harvard.edu;
rivkabekenstein@gmail.com



Yehonadav Bekenstein
2015/2016

Current Affiliation:
University of California,
Berkeley

Postdoc:
University of California,
Berkeley

PhD:
The Hebrew University, 2015

Main areas of research:
Physical and chemical
properties of low
dimensional nanocrystals,
Artificial intelligence for
the material sciences

bekenstein@gmail.com



Uri Ben-David

2014/2015

Current Affiliation:

Broad Institute of MIT
and Harvard

Postdoc:

Broad Institute of MIT
and Harvard

PhD:

The Hebrew University, 2014

Main areas of research:

Cancer genetics (focus
on cancer aneuploidy
and genomic instability)

uri.bendavid@gmail.com



Rotem Ben-Hamo

2016/2017

Current Affiliation:

The Weizmann Institute
of Science, The Broad Institute
of MIT and Harvard

Postdoc:

The Weizmann Institute
of Science, The Broad Institute
of MIT and Harvard

PhD:

Bar-Ilan University, 2015

Main areas of research:

Pathway based prediction
of drug sensitivity in cancer
in different tissues

benhamo@broadinstitute.org;
rotem@systemsbiomed.org



Assaf Breska

2015/2016

Current Affiliation:

University of California,
Berkeley

Postdoc:

University of California,
Berkeley

PhD:

The Hebrew University, 2015

Main areas of research:

Characterizing cerebellar and
cortical neural mechanisms
for learning and predicting
the temporal dynamics of the
environment

a_breska@yahoo.co



Amit Daniely

2015/2016

Current Affiliation:

The Hebrew University,
School of Computer Science

Postdoc:

Google Research,
Mountain View, CA

PhD:

Department of Mathematics,
The Hebrew University, 2015

Main areas of research:

Machine learning theory
and algorithms

amit.daniely@mail.huji.ac.il



Uri Davidovich

2014/2015

Current Affiliation:

Institute of Archaeology,
The Hebrew University

Postdoc:

University of Cambridge

PhD:

The Hebrew University, 2014

Main areas of research:

Archaeology (with special
emphasis on Landscape
and Regional Archaeology,
Later Prehistory of the Levant)

uri.davidovich@mail.huji.ac.il



Raanan Eichler

2015/2016

Current Affiliation:

Bar-Ilan University

Postdoc:

Harvard University (2015/6
with Rothschild Fellowship),
Tel Aviv University (2016/7
with different fellowship)

PhD:

The Hebrew University, 2016

Main areas of research:

Hebrew Bible

raanan.eichler@gmail.com



Chaim Even-Zohar

2016/2017

Current Affiliation:

University of California, Davis

Postdoc:

University of California, Davis

PhD:

The Hebrew University, 2016

Main areas of research:

Combinatorics, probabilistic methods, and relations to low-dimensional topology and knot theory

chaim@math.ucdavis.edu;

chaimenzohar@yahoo.com



Julie Fadlon

2015/2016

Current Affiliation:

The Language Logic and Cognition Center,
The Hebrew University

Postdoc:

University of California,
San Diego

PhD:

Tel-Aviv University, 2014

Main areas of research:

Psycholinguistics, Language production, Language comprehension

jiljulit@gmail.com



Dmitry Faifman

2014/2015

Current Affiliation:

University of Toronto

Postdoc:

Institut des Hautes Etudes
Scientifiques

PhD:

Tel Aviv University, 2014

Main areas of research:

Convex geometry, integral geometry, valuation theory

dfaifman@math.utoronto.ca;

dfaifman@gmail.com



Arseny Finkelstein

2016/2017

Current Affiliation:

Howard Hughes Medical
Institute, Janelia Research
Campus, VA, USA

Postdoc:

Howard Hughes Medical
Institute, Janelia Research
Campus, VA, USA

PhD:

Weizmann Institute
of Science, 2016

Main areas of research:

Neural mechanisms
of decision making

arsenyf@gmail.com



Erez Freud

2015/2016

Current Affiliation:

Carnegie Mellon University

Postdoc:

Carnegie Mellon University

PhD:

Ben-Gurion University, 2015

Main areas of research:

Cognitive Neuroscience

erezfreud@gmail.com



Michael Gilead

2014/2015

Current Affiliation:

Ben-Gurion University,
Psychology Department

Postdoc:

Columbia University,
Psychology Department

PhD:

Tel Aviv University, 2014

Main areas of research:

Social Cognitive and
Affective Neuroscience

michael.gilead@gmail.com



Pavel Goldstein

2016/2017

Current Affiliation:

Cognitive and Affective Neuroscience Laboratory,
Department of Psychology and Neuroscience,
The University of Colorado Boulder

Postdoc:

The University of Colorado Boulder

PhD:

University of Haifa, 2016

Main areas of research:

Pain prediction by voice and video features, web studies, mobile platform for pain patients

goldsteinpav@gmail.com



Or Hasson

2014/2015

Current affiliation:

The Hebrew University

Postdoc:

Harvard University,
The Hebrew University

PhD:

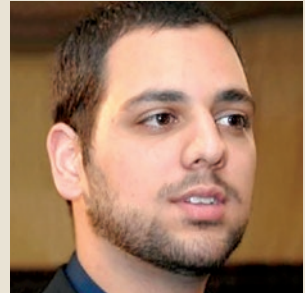
Hebrew University 2015

Main areas of research:

Spanish literature;
Renaissance studies; medicine and literature, mad studies;

or.hasson@mail.huji.ac.il;

or.hasson@gmail.com



Or Hen

2015/2016

Current Affiliation:

MIT

Postdoc:

MIT

PhD:

Tel Aviv University 2016

Main areas of research:

Nuclear Physics

hen@mit.edu



Eyal Kalanthroff

2014/2015

Current Affiliation:

The Hebrew University

Postdoc:

Columbia University
Medical Center

PhD:

Ben-Gurion University, 2014

Main areas of research:

Cognitive neuroscience, attention and cognitive control, ADHD, anxiety disorders and OCD, neural network computational modelling

eyalkant@gmail.com



Ouri Karni

2016/2017

Current Affiliation:

E. L. Ginzton Laboratory,
Stanford University

Postdoc:

Stanford University

PhD:

Technion, 2016

Main areas of research:

Physics of 2D layered materials, especially layered heterostructures of such materials and the interlayer interactions, and novel devices incorporating them

oulrik@gmail.com;

oulrik@stanford.edu



Laila Karra

2016/2017

Current Affiliation:

University of California
San Francisco (UCSF)

Postdoc:

University of California
San Francisco

PhD:

The Hebrew University, 2015

Main areas of research:

Understanding the topology of the Ras signaling network in T cell acute lymphoblastic leukemia/lymphoma (T-ALL)

lailak24@gmail.com



Anatoly Khina

2015/2016

Current Affiliation:

UC Berkeley and Caltech

Postdoc:

UC Berkeley and Caltech

PhD:

Tel Aviv University, 2016

Main areas of research:

Control over noisy communication media

khina@berkeley.edu;

khina@caltech.edu;

anatoly.khina@gmail.com



Daniel Lav

2016/2017

Current Affiliation:

Mandel Scholion Centre,
The Hebrew University

Postdoc:

Princeton University

PhD:

The Hebrew University, 2016

Main areas of research:

Islamic theology and political theology, with an emphasis on Ibn Taymiyya (d. 1328 CE) and the Salafi tradition

daniel.lav@mail.huji.ac.il



Sheera Lerman-Zohar

2014/2015

Current Affiliation:

Johns Hopkins University
School of Medicine

Postdoc:

Johns Hopkins University
School of Medicine

PhD:

Ben-Gurion University, 2012

Main areas of research:

Psychological coping with chronic pain, behavioural sleep medicine, relationship between pain and sleep

szohar1@jhmi.edu;

l.sheera@gmail.com



Ronit Levine-Schnur

2014/2015

Current Affiliation:

Radzyner Law School and
Gazit-Globe Real Estate
Institute, Interdisciplinary
Center (IDC) Herzliya

Postdoc:

University of Toronto, Canada

PhD:

The Hebrew University, 2015

Main areas of research:

Land use and urban planning;
property, law, and politics

ronit.levineschnur@idc.ac.il



Itay Marienberg-Milikowsky

2015/2016

Current Affiliation:

Interdisciplinary Center
for Narratology,
Universität Hamburg

Postdoc:

Interdisciplinary Center
for Narratology,
Universität Hamburg

PhD:

Ben-Gurion University, 2016

Main areas of research:

Narratology, Rabbinic
Literature, Computational
criticism

itay.marienberg@gmail.com



Firas Mawase

2014/2015

Current Affiliation:

Johns Hopkins University

Postdoc:

Johns Hopkins University

PhD:

Ben-Gurion University, 2014

Main areas of research:

Neuroscience and
biomedical engineering

mawasef@gmail.com



Elad Noor
2014/2015

Current Affiliation:
ETH, Zürich

Postdoc:
ETH, Zürich

PhD:
Weizmann Institute
of Science, 2014

Main areas of research:
Systems biology, metabolic
engineering, metabolic
modelling, enzyme-enzyme
interactions

noor@imsb.biol.ethz.ch;
elad.noor@gmail.com



Hannah Pollin-Galay
2014/2015

Current Affiliation:
Tel Aviv University

Postdoc:
Columbia University

PhD:
Tel Aviv University, 2014

Main areas of research:
Yiddish literature,
Holocaust Studies

hpgalay@tauex.tau.ac.il



Doron Puder
2014/2015

Current Affiliation:
Tel Aviv University

Postdoc:
Institute for Advanced
Study, Princeton

PhD:
The Hebrew University, 2015

Main areas of research:
Pure mathematics:
combinatorial and
geometric group theory

doronpuder@gmail.com



Orit E. Raz
2016/2017

Current Affiliation:
University of British
Columbia

Postdoc:
Institute for Advanced
Study, Princeton;
University of British
Columbia

PhD:
Tel Aviv University, 2016

Main areas of research:
Extremal Combinatorial
Geometry

oritraz@math.ubc.ca;
oritraz1@gmail.com



Sivan Refaely-Abramson
2015/2016

Current Affiliation:
UC, Berkeley and Lawrence
Berkeley National Lab

Postdoc:
UC, Berkeley and Lawrence
Berkeley National Lab

PhD:
Weizmann Institute
of Science, 2015

Main areas of research:
Developing and applying new
and predictive computational
approaches to explore
excited-state phenomena
and light-matter interactions
in energy materials

sivan.abramson@gmail.com



Noga Ron-Zewi
2014/2015

Current Affiliation:
University of Haifa

Postdoc:
Institute for Advanced
Study, Princeton

PhD:
Technion, 2014

Main areas of research:
Theory of computation,
with a focus on research
topics at the interface
of communication
and computation

noga@cs.haifa.ac.il



Ori Rottenstreich
2014/2015

Current Affiliation:
The Technion

Postdoc:
Princeton University

PhD:
Technion, 2014

Main areas of research:
Computer networks
and algorithm modelling

ori.rot@gmail.com



Jonathan Ruhman
2015/2016

Current Affiliation:
MIT

Postdoc:
MIT

PhD:
Weizmann Institute
of Science, 2015

Main areas of research:
Condensed matter physics

jonathan.ruhman@gmail.com



Yuval Shagam
2016/2017

Current Affiliation:
National Institute of
Standards and Technology,
Boulder, CO and University
of Colorado

Postdoc:
University of Colorado

PhD:
Weizmann Institute
of Science, 2016

Main areas of research:
Precision measurement
of the electron's electric
dipole moment

yuval.shagam@gmail.com



Nitzan Shahar

2016/2017

Current Affiliation:

Max Planck UCL Centre for Computational Psychiatry and Ageing Research

Postdoc:

University College London, UK

PhD:

Ben-Gurion University, 2015

Main areas of research:

Developing computational models to explore the cognitive and neural decision mechanisms underlying inattention, impulsivity and hyperactivity

shahar.nitzan@gmail.com



Liron Stern

2016/2017

Current Affiliation:

National Institute of Standards and Technology (NIST), Boulder, CO

Postdoc:

National Institute of Standards and Technology

PhD:

The Hebrew University, 2017

Main areas of research:

Photonics, atomic physics, time and frequency and the combination between the two at the nano and micro scale

lirstern@gmail.com



Assaf Tamari

2016/2017

Current Affiliation:

Fellow at The Polonsky Academy, The Van Leer Jerusalem Institute

Postdoc:

University of Pennsylvania

PhD:

Ben-Gurion University, 2016

Main areas of research:

Intellectual history of Jews in the early modern eastern Mediterranean; science and Kabbalah; History of subjectivity and agency; political theology

assaft@vanleer.org.il;

assaf.tamari@gmail.com



Amit Tubi
2015/2016

Current Affiliation:
The Hebrew University

Postdoc:
University of Toronto

PhD:
The Hebrew University, 2015

Main areas of research:
Environmental policy;
human dimensions of
climate change; synoptic
climatology

amit.tubi@mail.huji.ac.il



Leeat Yankielowicz-Keren
2016/2017

Current Affiliation:
Angelo Lab, Stanford School
of Medicine

Postdoc:
Stanford University

PhD:
Weizmann Institute of
Science, 2016

Main areas of research:
Multiplexed Ion Beam
Imaging in the study
of immune infiltration into
cancer; computational
approaches for analysis
of multiplexed imaging data

lkeren@stanford.edu



Motti Zohar
2016/2017

Current Affiliation:
University of Haifa

Postdoc:
Freie Universität Berlin

PhD:
The Hebrew University, 2016

Main areas of research:
Physical geography,
environmental history,
natural hazards and GIS

mzohar@geo.haifa.ac.il;
zoharmot@gmail.com

ROTHSCHILD FELLOWS 2018-2019



Eyal Abraham

PhD:
Bar-Ilan University

Main Field of Study:
Social Neuroscience

Dissertation:
The Adaptive Human Parental Brain: Long-Term Implications for Parenting, Co-parenting and Children's Social Development

University Abroad:
New York University (NYU)

eyalavr1@gmail.com



Moshe Elyashiv Bar-Lev

PhD:
The Hebrew University

Main Field of Study:
Linguistics

Dissertation:
Homogeneity Phenomena and Strengthening

University Abroad:
École Normale Supérieure, Paris (might change)

moshelyashiv@gmail.com



Zohar Berman

PhD:
Tel Aviv University

Main Field of Study:
Neuroscience

Dissertation:
Structural and Functional Brain Alterations in Survivors of Sexual Assault in Adulthood and Their Associations with Psychological and Psychosocial Measures

University Abroad:
Massachusetts General Hospital, Harvard Medical School

zoharberman10@gmail.com



Neta Bodner

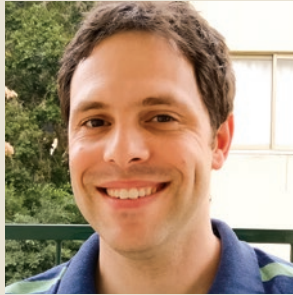
PhD:
The Hebrew University

Main Field of Study:
History of Art
and Architecture

Dissertation:
Architectural Translations
of Jerusalem's Holy Sites
to Pisa in the Middle Ages

University Abroad:
University of Oxford

neta.baryosef@gmail.com



Daniel Dar

PhD:
Weizmann Institute
of Science

Main Field of Study:
Microbial Genomics

Dissertation:
Regulated Transcriptional
Termination in Bacteria
and its Role in Antibiotic
Resistance

University Abroad:
California Institute
of Technology

danieldar85@gmail.com



Niv De Malach

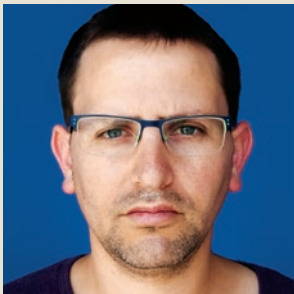
PhD:
The Hebrew University

Main Field of Study:
Ecology

Dissertation:
Size Asymmetric
Competition and Plant
Communities along
Resource Gradients

University Abroad:
Stanford University

nivdemalach@gmail.com



Meir J. Grajower

PhD:
The Hebrew University

Main Field of Study:
Applied Physics;
Nanophotonics

Dissertation:
Advanced Silicon Photonics
and Silicon Plasmonics
Devices and their Near-Field
Characterization

University Abroad:
To be decided

mig380@gmail.com



Dorri Halbertal

PhD:
Weizmann Institute
of Science

Main Field of Study:
Condensed Matter Physics

Dissertation:
Nanoscale Thermal Imaging
of Dissipation in Quantum
Systems

University Abroad:
Columbia University

dorrihal@gmail.com



Adi Hanuka

PhD:
The Technion

Main Field of Study:
Electrical Engineering –
Particle Accelerators

Dissertation:
Structure-based
Laser-driven Optical
Accelerators

University Abroad:
Stanford University

hanukaadi@gmail.com



Igor Kreimerman

PhD:
The Hebrew University

Main Field of Study:
Archaeology and Ancient
Near Eastern Studies

Dissertation:
Micro- and Macro-
Archaeological Investigation
of Destruction Layers:
The Late Bronze Age
Collapse in the Levant
as a Case Study

University Abroad:
To be decided

igor.kreimerman@gmail.com



Deborah Marciano

PhD:
The Hebrew University

Main Field of Study:
Cognitive Neuroscience

Dissertation:
Exploring Decision-Making
in the Light of What Could
Have Been: On the Effect
of the Outcome of the
Unchosen Option on
Expectations, Outcome
Evaluation and Future
Decisions

University Abroad:
Duke University or
Massachusetts Institute
of Technology

dvorah.marciano@gmail.com



Elena Meirzadeh

PhD:
Weizmann Institute
of Science

Main Field of Study:
Chemistry and Materials
Science

Dissertation:
The Beauty of Imperfections –
Studied in Molecular Crystals
by Pyroelectricity

University Abroad:
Columbia University

elenmeir@gmail.com



Dor Minzer

PhD:
Tel Aviv University

Main Field of Study:
Theoretical Computer
Science

Dissertation:
Topics in Boolean Functions
and Complexity Theory

University Abroad:
Institute of Advanced
Study (IAS), Princeton
minzer.dor@gmail.com



Yuval Peled

PhD:
The Hebrew University

Main Field of Study:
Computer Science
and Mathematics

Dissertation:
Random Simplicial
Complexes

University Abroad:
New York University
ypeledy@gmail.com



Ido Sagi

PhD:
The Hebrew University

Main Field of Study:
Genetics

Dissertation:
Studying Parental
Imprinting and Haploid
Biology in Human
Pluripotent Stem Cells

University Abroad:
Whitehead Institute
for Biomedical Research,
Cambridge, MA

ido1sagi@gmail.com



Guy Salomon

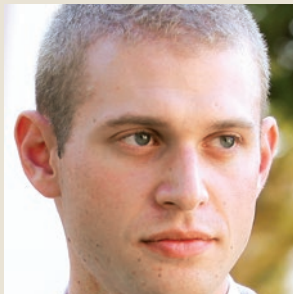
PhD:
The Technion

Main Field of Study:
Mathematics

Dissertation:
Operator-Algebraic
Methods: Directed Graphs,
Noncommutative Domains
and Analytic Varieties

University Abroad:
University of Waterloo

salomonguy@hotmail.com



Itai Schlesinger

PhD:
The Technion

Main Field of Study:
Physics

Doctoral Dissertations:
Probing the Hydrophobic
Interaction Using
High-Resolution
Frequency-Modulation
Atomic Force Microscopy

University Abroad:
Northwestern University

itaischles@gmail.com



Noam Siegelman

PhD:
The Hebrew University

Main Field of Study:
Cognitive Sciences

Dissertation:
Individual Differences
in Statistical Learning:
Measurement, Theory,
and Validity

University Abroad:
Haskins Laboratories,
New Haven, CT

noam.siegelman@gmail.com



Ilya Svetlizky

PhD:
The Hebrew University

Main Field of Study:
Physics

Dissertation:
Classical Shear Cracks
Drive the Onset
of Frictional Motion

University Abroad:
Harvard University

ilyailuxa@gmail.com



Einav Tayeb-Fligelman

PhD:
The Technion

Main Field of Study:
Structural Biology

Dissertation:
New Structure-Activity
Paradigms for Amyloids
from Pathogenic Microbes

University Abroad:
UCLA

einavt@gmail.com



Alex Valdman

PhD:
Ben-Gurion University

Main Field of Study:
Jewish History

Dissertation:
The Making of Jewish-
Russian Intelligentsia:
Jewish Pupils and Students
in the Late Nineteenth-
Century Russian Empire

University Abroad:
University of Pennsylvania

shualexv@gmail.com



Tanya Zion-Waldoks

PhD:

Bar-Ilan University

Main Field of Study:

Gender Studies

Dissertation:

Resistance, Tradition
and Social Change:
Orthodox Jewish Women
Activists Fighting to Free
Agunot in Israel

University Abroad:

Princeton University

tanyazion@gmail.com

Rothschild Fellows 1979–2017

1979

Chaim Benjamini
Environmental Sciences

Richard Flantz
Language & Literature

Ehud Heyman
Electrical Engineering

Yonatan (Yoni) Malachi
Electrical Engineering

Amihai (Ami) Mazar
Archaeology

Ely Merzbach
Mathematics

Arye Nehorai
Electrical Engineering

Mordechai Perl
Mechanical Engineering

Aviezer Ravitzky
Jewish Philosophy

Ariel Rubinstein
Economics

1980

Aaron Ben-Zeev
Philosophy

Ofer Binah
Medicine

Alfred Bruckstein
Computer Sciences

Itzhak Glass
Neuroscience

Avishai Henik
Psychology

Yael Ilan
Industrial Engineering

Arye Juhasz
Mathematics

Joseph Kostiner
Middle Eastern History

Tsevi Mazeh
Astronomy

Ilana Nathan
Medicine

Yehuda Shiran
Mechanical Engineering

Eitan Tadmor
Mathematics

Eilon Vaadia
Biomedical Engineering

1981

Joseph Almog
Logic

Lili Anglister
Biochemistry

Cila Blatt
Biology

Zvi Elgat
Engineering

Deborah Gera
Classical Studies

Avi Hasner
Medicine

Yael Ilan
Industrial Engineering

Arnon Rolnick
Psychology

Miri Rubin-Ungar
History

Annon Schwartz
Agriculture

Itzhak Shperling
Electrical Engineering

Lester Shulman
Biology

Mina Teicher
Mathematics

Moshe Tur
Electrical Engineering

Marius Ungarish
Computer Sciences

Leah Yogev
Biology

1982

Meir Bar-Asher
Language & Literature

Itamar Barnea
Psychology

David Bensimon
Physics

Yitzhak (Tsahi) Birk
Electrical Engineering

Sammy Boussiba
Biology

Moshe Deutsch
Physics

Yoram Erder
History

Joshua Idar
Education

Boaz Lazar
Oceanography

L. Maisels-Navon
Sociology & Anthropology

Abraham Nowersztern
Language & Literature

Jacob Pe'er
Medicine

Vladimir Privman
Physics

Zvi Safra
Economics

Shaul Stampfer
History

Baruch Vainas
Chemistry

1983

Amihood Amir
Computer Sciences

Doron Aurbach
Chemistry

Reuven Avi-Yonah
History

Menachem Ben-Sasson
History

Y. Cohen
Philosophy

Yigal Elad
Plant Sciences

Aharon (Ronnie) Friedman
Immunology

Reuven Gepstein
Medicine

Dan Haran
Mathematics

Jeffrey Macy
Political Science

Ronit Nativ
Hydrology

Roman Pyrzak
Agriculture

Baruch Rinkevich
Zoology

Moshe Sidi
Electrical Engineering

Amri Wandel
Physics

Joseph Zeira
Economics

1984

Yuti Charnajovsky
Biology

David Chitayat
Medicine

Zohar Eitan
Musicology

Yariv Ephraim
Electrical Engineering

Haim Gamliel
Medicine

Yoram Kapulnik
Agriculture

Aviad Kleinberg
History

Michael Lecker
History

Emil Levy
Chemistry

Naphtali Rische
Computer Sciences

Luis Roniger
Sociology

Adam Schneeweiss
Medicine

Moshe Szyf
Biochemistry

Ram Yahalom
Physics

Raz Yirmiya
Psychobiology

Constantin Zuckerman
History

1985

Reuven Amitai
History

E. Avraham
Immunology

Yair Be'ery
Electrical Engineering

Jehoshua Bruck
Electrical Engineering

Miriam Constantini-Souroujon
Biochemistry

Michal Ephratt
Language & Literature

Dan Eshel
Chemistry

Marc Hirshman
Jewish Philosophy and Thought

Joseph Holoshitz
Medicine

Ofer Lahav
Physics

Dan Levy
Physics

Israel Nur
Agriculture

Haim Omer
Psychology

David Satran
Jewish Philosophy and Thought

Yizhar Tal
Law

Anthony J. Weiss
Electrical Engineering
Arieh Wishkovsky
Immunology

1986

Aharon Agranat
Physics
Gadi Algazi
History
Yehuda Assaraf
Microbiology
Arnon Avron
Computer Sciences
Michal Gadot
Agriculture
Tali Haran
Chemistry
Moshe Idan
Aeronautical Engineering
Miriam Leurer
Physics
Joseph Mali
History
Shulamit Manulis
Plant Sciences
Yoram Reich
Civil Engineering
Zvi Ruder
Chemical Engineering
Mordechai Shohat
Medicine
Michael Silber
History

1987

Shmuel Ben Zvi
Economics

Yonatan Elkind
Agriculture
Raisa Epstein
Mathematics
Alexander Feinstein
Physics
Yizhar Hirschfeld
Archaeology
Oscar Levin
Desert Research
Meir Lewkowicz
Physics

Ofer Lider
Biology
Yitzhak Nakash
History

Amos Nevo
Mathematics

Fania Oz
History

Yossef Raviv
Biology

Baruch Rosenstein
Physics

Dror Wahrman
History

Haim Werner
Biology

Anat Zadok
Biology

1988

Dekel Amir-Shapira
Botany
Boaz Avron
Biology
Hector Budman
Mechanical Engineering

Joseph Buxbaum
Biology
Itzchak Edrei
Physics
Ariel Halperin
Economics
Marwan Hassan
Physical Geography

Amnon Horovitz
Biochemistry

Israel Knohl
Bible

Ehud Landau
Chemistry

Meir Orenstein
Chemistry

Jaron Rabinovici
Medicine

Eli Salzberger
Law

Gabriel Schreiber
Medicine

Adam Seligman
Sociology

David Yogev
Biology

1989

Chaya Brodie
Neurobiology

Dale Frank
Biochemistry

Eitan Galun
Medicine

Zohar Goshen
Law

Eli Jerby
Physics

Anna Kissin
Language & Literature

Daphne Koller
Computer Sciences

Nadine Mandel
Language & Literature

Ronen Peretz
Mathematics

Rivka Riven-Kreitman
Biochemistry

Levi Schachter
Electrical Engineering

Aner Shalev
Mathematics

Dov Shiffman
Biology

Tamar Tennenbaum
Pharmacology

Shimon Weiss
Electrical Engineering

Elnathan Weissert
History

1990

Reuven Amitai-Preiss
History

Roza Azhari
Biomedical Engineering

Ronen Basri
Computer Sciences

Raanan Bavli
Chemistry

Yeshayahu Eisenberg
Physics

David Engelberg
Biochemistry

Lia Ettinger-Peach
Biology

Graham Feingold
Physics

Rafael Perl-Treves
Biology

Itai Shafrir
Mathematics

Nir Shavit
Computer Sciences

Ur Shlonsky
Language & Literature

Haim Weissman
Physics

Eran Yashiv
Economics

Eyal Zamir
Law

Ada Zohar
Psychology

1991

Radel Ben-Av
Physics

David Golomb
Physics

Eitan Gross
Physics

Shay Gueron
Mathematics

Abdullah Haj-Yehia
Pharmacology

Moshe Kol
Chemistry

Avia Rosenhouse-Dantsker
Chemistry

Zlil Sela
Mathematics

Gad Shaulsky
Biology

Efrat Shimshoni
Physics

Haim Taitelbaum
Physics

Ofra Tirosh-Becker
Language & Literature

Alexander Vardy
Electrical Engineering

Dror Zeevi
History

Ilan Zisser
Mathematics

1992

Shlomo Berger
Materials Engineering

Ilan Bloom
Electrical Engineering

Meir Buzaglo
Philosophy

Nir Davidson
Physics

Avital Deutsch
Psychology

Eyal Doron
Physics

Dan Halperin
Computer Sciences

Amos Lapidoth
Electrical Engineering

Menashe Levy
Pharmacology

Anya Mali
Comparative Religion

Victor Mor-Avi
Physics

Michael Polyak
Mathematics

Yuval Rabani

Mathematics

Yoram Reiter

Immunology

Snait Tamir

Biochemistry

Daphna Vulcan

Language & Literature

1993

Shimshon Bar-Ad

Physics

Joshua Feinberg

Physics

Ruth Feldman

Psychology

Aviv Frommer

Physics

Ron Karidi

Mathematics

Lior Klein

Physics

Ariel Orda

Electrical Engineering

Uri Peskin

Chemistry

Andrei Reznikov

Mathematics

Nava Rubin

Biology

Eytan Ruppin

Computer Sciences

Guillermo Sapiro

Electrical Engineering

Idit Shachar

Biochemistry

Orit Shaul

Plant Genetics

Nathan Wasserman

History

Noam Ziv

Biology

1994

Uri Banin

Chemistry

Hanoch Ben-Yami

Philosophy

Judith Frommer

Electrical Engineering

Dorit Hanein

Biology

Oded Heilbronner

History

Wayne D. Kaplan

Materials Engineering

Menahem Kister

Talmud

Assaf Likhovski

Law

Ofer Mokady

Zoology

Benny Reznik

Physics

Dan Sadot

Electrical Engineering

Zvi Wiener

Mathematics

Alexander Yakobson

History

Gil Yosipovitch

Medicine

Reuven Zeitak

Physics

1995

Oded Agam

Physics

Naama Barkai

Physics

Yair Bartal

Computer Sciences

Michal Ben-Nun

Chemistry

Michal Biran

Inner Asian History

Ofer Blum

Chemistry

Ran Canetti

Mathematics

Larisa Gheber

Biochemistry

Chen Lichtenstein

Law

Erez Petrank

Computer Sciences

Moshe Portnoy

Chemistry

Ziv Reich

Chemistry

Lilach Shalev-Mevorach

Psychology

Nadav Shnerb

Physics

Nir Tessler

Electrical Engineering

Aryeh Zaban

Chemistry

1996

Merav Ahissar

Biology

Uri Alon

Physics

Gill Barequet
Computer Sciences

Shoshana Eitan
Biology

Eyal Goren
Mathematics

Yaron Hadari
Biology

Hanni Inbar
Electrical Engineering

Alex Kamenev
Physics

Daphna Lewinsohn-Zamir
Law

Mordechai Margalit
Electrical Engineering

Gil Markovich
Chemistry

Yuri Pines
Asian Studies

Eran Rabani
Chemistry

Kobi Rosenblum
Biology

Bilha Segev
Physics

Elnathan Weissert
Assyriology

1997

Rami Atar
Electrical Engineering

Roy Bar-Ziv
Physics

Joseph Berkovitz
Philosophy

Avraham Faust
Archaeology

Shlomo Gelaki
Mathematics

Isaac Hollander
Islamic Studies

Eugene Kanzieper
Physics

Michael Keidar
Physics

Noga Kronfeld
Zoology

Efrat Lev-Lehman
Biochemistry

Daniel Lidar
Physics

Yuval Oreg
Physics

Ronit Ricci
Indonesian Studies

Yehuda Sharf
Physics

Miriam Shefer
History

Orly Shenker
Philosophy

Amnon Ta-Shma
Computer Sciences

1998

Tomer Avidor-Reiss
Biochemistry

Andrea Berger
Psychology

Yoram Betser
Electrical Engineering

Eyal Buks
Physics

Steve Caplan
Immunology

Doron Cohen
Physics

Rafael De-Picciotto
Physics

Alon Efrat
Computer Sciences

Dan Fuchs
Physics

Ruth Gaunt
Psychology

Yuval Harari
History

Idit Keidar
Computer Sciences

Dror Orgad
Physics

Yehuda Shalom
Mathematics

Nili Wazana
Bible

Itzhak Weismann
History

Ehud Weiss
Archaeology

Eduardo Zaborowski
Physical Chemistry

1999

Avital Bareket-Samish
Biology

Ehud Behar
Physics

Yardena Bohbot-Raviv
Physical Chemistry

Haim Diamant
Physics

Miriam Dishon-Berkovits
Psychology

Noam Eliaz
Chemical Engineering

Yuval Feldman
Law

Oleg Gang
Physics

Eyal Ginio
Islamic Studies

Salit Kark
Biology

Leor Kronik
Electrical Engineering

Ran Spiegler
Economics

Benjamin (Benny) Sudakov
Mathematics

Daniella Talmor-Heller
Islamic Studies

Guy Tomer
Biochemistry

Amichay Vardi
Chemistry

Sima Yaron
Food Technology

2000

Yitzhak Benbaji
Philosophy

Yair Cohen
Chemistry

Leon Deouell
Psychology

Alexander Groisman
Physics

Tamar Juven-Gershon
Biology

Gilmor Iris Keshet
Biochemistry

Gila Moalem Taylor
Biology

Ziad Mussliman
Mathematics

Andrea Rotstein
Classical Studies

Elad Schneidman
Neurobiology

Galili Shahar
History

Golan Shahar
Psychology

Avital Shurki
Chemistry

Aharon Solomon
Agriculture

Vitali Tugarinov
Physics

2001

Amiram Ariel
Chemistry

Gonen Ashkenasy
Chemistry

Guy Bar-Oz
Zooarchaeology

Hagit Benbaji
Philosophy

Alex Braiman
Biophysics

Alon Chen
Biology

Lior Gepstein
Medicine

Elinor Haddad-Saiegh
Linguistics

Eran Halperin
Computer Sciences

Daniel Harries
Physical Chemistry

Gilad Hirschberger
Psychology

Tal Kenet
Biology

Uriel Levy
Electrical Engineering

Chaim Noy
Psychology

Ronit Satchi-Fainaro
Biology

Herve Seligmann
Zoology

Daniel Johannes Stoekl
Comparative Religion

Uzi Vishne
Mathematics

2002

Aharon Blank
Chemistry

Hagai Shmuel Eisenberg
Physics

Alexander Fantalkin
Archaeology

Yariv Kafri
Physics

Michael Karayanni
Law

Vladlen Koltun
Computer Sciences

Yaakov (Koby) Levy
Chemistry

Irit Maor
Physics

Adia Mendelson-Maoz
Literature & Philosophy

Ishay Rosen-Zvi
Philosophy

Boris Rybtchinski
Chemistry

Guy Shakhar
Biology

Roded Sharan
Computer Sciences

Dahlia Sharon
Neurobiology

Rafi Shikler
Electrical Engineering

Tsachy Weissman
Electrical Engineering

Tzachi Zamir
Philosophy

Boaz Zissu
Archaeology

2003

Omer Angel
Mathematics

Shirli Bar-David
Zoology

Tal Carmon
Physics

Cyrille Joseph Cohen
Biotechnology

Adi Erlich
Archaeology

Mark Gandelman
Chemistry

Karni Ginzburg
Social Work

Shahal Ilani
Physics

Yosef Jabareen
Geography

Kinneret Keren
Biophysics

Yonatan Loewenstein
Neuroscience

Amos Morris-Reich
Jewish Studies

Roei Ozeri
Physics

Alon Rosen
Computer Sciences

Oren Tal
Archaeology

Vardit Tokatly
Language & Literature

Lior Wolf
Computer Sciences

Gitai Yahel
Ecology

2004

Samer Banna
Electrical Engineering

Smadar Ben-Tabou de Leon
Physics

Julia Chuzhoy
Computer Sciences

Oren Cohen
Physics

Yacov (Koby) Crammer
Computer Sciences

Micha Drukker
Genetics

Nirit Dudovitch
Physics

Ariel Gordon
Electrical Engineering

Dorit Kerret
Environmental Studies

Anna Kventsel
Language & Literature

Ruth Mayo
Psychology

Julia Rubanovich
Language & Literature

Michael Segal
Bible

Ester Segal
Chemical Engineering

David Sprinzak
Physics

Daniel Strasser
Physics

Iris Visoly-Fisher
Chemistry

Sharon Zuckerman
Archaeology

2005

David Abookasis
Electrical Engineering

Sheba Bergman
Chemistry

Alberto Bilenca
Electrical Engineering

Barak Dayan
Physics

Micha Fridman
Chemistry

Inna Gaisler-Salomon
Psychology

Khalid Ghanayim
Law

Amir Globerson
Brain Science

Oded Hod
Chemistry

Nadav Katz

Physics

Alon Keinan

Computer Sciences

Uzi Leibner

Archaeology

Shahar Lifshitz

Law

Roy Luria

Psychology

Shai Ronen

Chemistry

Orly Rubinsten

Psychology

Anelia Somekh-Baruch

Electrical Engineering

Amos Tanay

Computer Sciences

2006

Eran Almagor

Classical Studies

Guy Bartal

Physics

Roi Cohen Kadosh

Neuropsychology

Orr Dunkelman

Computer Sciences

Ofer Fainaru

Medicine

Ran Friedman

Biochemistry

Badi Hasisi

Sociology

Roi Alfred Holzman

Marine Biology

Beena Kalisky

Physics

Gad Kimmel

Computer Sciences

Erez Levanon

Medicine

Noam Levin

Geography

Ariel Munitz

Pharmacology

Ophir Münz-Manor

Hebrew Literature

Yair Shokef (Srebo)

Physics

Eran Tromer

Computer Sciences

Assaf Yasur-Landau

Archaeology

2007

Sarab Abu-Rabia-Queder

Education

Roey Jacob Amir

Chemistry

Elizabeta Amir (Golan)

Chemistry

Lilac Amirav

Physical Chemistry

Benny Applebaum

Computer Sciences

Avner (Avi) Fleischer

Chemistry

Roi Gazit

Immunology

Liat Goldfarb

Psychology

Yohai Hakak

Anthropology

Emma Maayan Fanar

Art History

Dvora Namdar

Archaeology

Orit Peleg Barkat

Archaeology

Adi Salomon

Chemistry

Ilia (Eli) Sloutskin

Physics

Elly Teman

Anthropology

Neta Wexler Sal-Man

Biochemistry

Avinoam Zadok

Engineering

2008

Oded Abt

Asian Studies

Yael Artzy-Randrup

Zoology

Jonathan Belmaker

Ecology

Yuval Birnboim

Astrophysics

Liraz Chai

Chemistry

Alexander Fantalkin

Archaeology

Eyal Feigenbaum

Electrical Engineering

Inbal Goshen

Psychobiology

Yehoshua Granat

Hebrew Literature

Orr Karrassin

Environmental Law

Tally Kritzman

Law

Yaron Lipman
Mathematics

Noam Mizrahi
Bible

Izhar Neder
Physics

Asya Rolls
Neurobiology

Tal Schwartz
Physics

Eran Stark
Neurobiology

Yaniv Ziv
Neurobiology

2009

Alexey Amunts
Biochemistry

Omri Barak
Neurobiology

Amir Fink
Archaeology

Ophira Gamliel
Indian Philosophy

Dmitry Gourevitch
Mathematics

Shlomit Greenberg
Cognitive Science

Vered Halamish
Psychology

Nadav Kashtan
Molecular Biology

Netanel Hanan Lindner
Physics

Naphtali S. Meshel
Bible

Yana Nec
Mathematics

Ariel Procaccia
Computer Sciences

Guy Ron
Physics

Shmuel M. Rubinstein
Physics

Inon Scharf
Zoology

Gal Sheppes
Psychology

Ron Shimelmitz
Archaeology

Tzahi Weiss
Jewish Philosophy and Thought

2010

Yael Abadi-Reiss
Archaeology

Avraham Aizenbud
Mathematics

Michael Assaf
Physics

Galit Aviman
Japanese Studies

Olena Bagno
Political Science

Haim Belinson
Neurobiology

Nissim Cohen
Public Policy

Chen Davidovich
Structural Biology

Shai Dothan
Law

Orit Gazit
International Relations

Pavel Ginzburg
Electrical Engineering

Alexander Gumennik
Physics

Alon Herschhorn
Medicine

Ayelet Lesman
Biomedical Engineering

Guy Polsky
Medicine

Neta Regev-Rudzki
Biochemistry

Nir Sapir
Ecology

Tomer Shechner
Psychology

2011

Amitai Abramovitch
Psychology

Ayala Arad
Economics

Amir Ariel
Physics

Emanuele Dalla Torre
Physics

Merav Dolev
Physics

Michael Ebstein
Islamic Studies

Ayelet Even-Ezra
History

Ofer Firstenberg
Physics

Alex Hayat
Electrical Engineering

Amir Ingber
Electrical Engineering

Boaz Keren-Zur
Physics

Shachar Klaiman
Chemistry

Ofir Levy
Ecology

Nimrod Marom
Archaeology

Or Meir
Computer Sciences

Khitam Muhsen
Epidemiology

Dani Neftin
Mathematics

Mical Raz
History

Ram Rivlin
Law

Yoav Sagi
Physics

Schraga Schwartz
Biology

Adi Stern
Biology

Hadas Velan
Psycholinguistics

Roy Ziblat
Biochemistry

2012

Ori Bar-Nur
Genetics

Danny Ben-Zvi
Systems Biology

Jonathan Berant
Computer Sciences

Gal Binyamini
Mathematics

Guy Cohen
Chemical Physics

Yaniv Fox
History

Danny Horesh
Psychology

Michal Isaacson
Geography

Salomon Israel
Psychology

Ori Katz
Physics

Ahmad Masarwa
Chemistry

Liav Orgad
Law

Uri Roll
Biology

Benyamin Rosental
Immunology

Jonathan Rubin
History

Efrat Sheffer
Ecology

Omri Tal
Philosophy of Biology

Itay Tirosh
Computational Biology

Moran Yassour
Computational Biology

Reuven Yeshurun
Archaeology

Yaara Yeshurun
Neurobiology

Yakov (Koby) Yosef
Islamic History

2013

Oded Berger-Tal
Behavioural Ecology

David (Dudu) Burstein
Life Sciences

Ronit Bustin-Drory
Information Theory

Shoham Choshen-Hillel
Psychology

Itamar Harel
Developmental Biology

Yonit Hochberg
Particle Physics

Leon Jacobowitz-Efron
History

Ido Kaminer
Physics

Rabie Khamisy
Archaeology

Uri Livneh
Neurobiology

Katy Margulis-Goshen
Chemistry

Reshef Meir
Computer Sciences

Bilha Moor
Art History & Islamic Studies

Svetlana Natkovich
Hebrew Literature

Anat Perry
Psychology

Talya Sadeh
Psychology

Adi Sheinfeld
Electrical Engineering

Noam Shemesh
Chemistry & MRI

Orr Spiegel
Ecology

Ella Striem-Amit
Neurobiology

Omri Weisman
Psychology
Judith Weiss
Jewish Thought

2014

Shahar Alon
Neuroscience
Ido Barth
Physics
Uri Ben-David
Biology
Nir Bitansky
Computer Sciences
Uri Davidovich
Archaeology
Tali Dekel
Electrical Engineering
Dmitry Faifman
Mathematics
Michael Gilead
Psychology
David Golan
Statistics
Or Hasson
Literature
Eyal Kalanthroff
Neuropsychology
Sheera Lerman-Zohar
Psychology
Ronit Levine-Schnur
Law
Lyle Lustigman
Linguistics
Firas Mawase
Biomedical Engineering and
Neuroscience

Elad Noor
Systems Biology
Yakir Paz
Talmud and Classical Studies
Hannah Pollin-Galay
Holocaust Studies
Doron Puder
Mathematics
Noga Ron-Zewi
Computer Sciences
Ori Rottenstreich
Computer Networks
Hadas Soifer
Physics
Michal Weitman
Chemistry

2015

Anat Arzi
Neurobiology
Ranen Aviner
Cell Biology
Vadim Axelrod
Cognitive Neuroscience
Avishai Bar Asher
Jewish Philosophy and Thought
Shahar Barbash
Neuroscience
Yehonadav Bekenstein
NanoScience
Assaf Breska
Psychology
Amit Daniely
Computer Sciences
Boris Desiatov
Applied Physics
Raanan Eichler
Bible

Julie Fadlon
Psycholinguistics
Erez Freud
Cognitive Neuroscience
Ofer Fridman
Systems Biology
Or Hen
Physics
Livnat Jerby-Arnon
Computational Biology
Anatoly Khina
Electrical Engineering
Michal Levo
Computational Biology
Itay Marienberg-Milikowsky
Hebrew Literature
Naama Mayselless
Social and Cognitive
Neuroscience
Merav Parter
Computer Sciences
Sivan Refaely-Abramson
Computational Materials
Science
Jonathan Ruhman
Physics
Yotam Soreq
Particle Physics
Avishay Tal
Computer Sciences
Ran Tessler
Mathematics
Amit Tuby
Geography
Yaara Zisman-Ilani
Psychology

2016

Reut Avinun

Behavioural Sciences

Yuval Baum

Condensed Matter Physics

Rivka Bekenstein

Physics

Rotem Ben-Hamo

Computational Biology

Chaim Even Zohar

Mathematics

Arseny Finkelstein

Neuroscience

Daniel Genkin

Computer Sciences

Pavel Goldstein

Social Neuroscience

Ouri Karni

Physics of semiconductor
optical devices

Laila Karra

Immunology

Shahar Kovalsky

Computer Science & Applied
Mathematics

Daniel Lav

Islamic & Middle Eastern Studies

Amit Lazarov

Clinical Psychology

Roi Livni

Brain Science

Lee Perry Gal

Architecture

Orit Raz

Mathematics & Computer
Sciences

Niv Reggev

Cognitive Neuroscience

Yuval Shagam

Chemical Physics

Nitzan Shahar

Clinical Psychology

Shay Solomon

Computer Sciences

Liron Stern

Applied Physics

Assaf Tamari

Jewish History

Leeat Yankielowicz-Keren

Life Sciences

Amitai N. Zernik

Mathematics

Motti Zohar

Geography

2017

Yair Antman

Electrical Engineering

Shay Ben Haim

Behavioural Genetics

Dina Berdichevsky

Hebrew Literature

Nadav Cohen

Computer Sciences

Sharon Fleischer

Engineering

Hadas Frostig

Physics

Reuma Gadassi Polack

Clinical Psychology

Maya Geva Sagiv

Brain Science

David Gokhman

Genetics

Rea Golan

Philosophy

Ziv Goldfeld

Information Theory

Inbar Graiver

History

Dvir Gur

Biology

Assaf Hamo

Condensed Matter Physics

Keren Khrizman

Linguistics

Adi Libson

Law

Shachar Maidenbaum

Neurobiology

Eran Maniv

Condensed Matter Physics

Roni Porat

Psychobiology

Roy Porat

Psycholinguistics

Shay Rotics

Ecology

Oren Slone

Particle Physics

Noam Solomon

Mathematics & Computer
Sciences

Shira Weingarten-Gabbay

Systems Biology

יד הנדיב יاد هَنَدِيفַ
Yad Hanadiv

