הרשות ללימודים מתקדמים
בי"ס ללימודים מתקדמים ע"ש בלום
Graduate Studies Authority
Bloom Graduate School

אוניברסיטת חיפה
University of Haifa
جامعة حيفا

THE BLOOM GRADUATE SCHOOL

Welcome to the 2022-2023 University of Haifa Research Development Program offered by the Bloom School for Graduate Studies

We invite you to explore the wide range of professional development workshops we provide for our research students

For details and registration please contact:
Ms. Anat Davidi via e-mail: a.davidi@univ.haifa.ac.il

Bloom School for Graduate Studies

בית ספר ללימודים מתקדמים ע"ש בלום

Photography by: Roi Hermoni

About The University Of Haifa

The University of Haifa is the most diverse research institution of higher education in Israel. Our unique location – on the **mountain**, in the **city** and by the **sea** – inspires innovative ideas and solutions that address pressing global issues, including climate change, inequality, aging and the future of humans and technology. The University an academic home to more than 17,000 students and faculty members from different ethnic, religious and socioeconomic backgrounds. Here, Jews, Muslims, Christians, Druze, IDF officers and security personnel come together to study, research and learn.

We are committed to:
• Promoting a more sustainable future
• Thinking locally, acting globally
• Creating an inclusive
  and diverse student body
• Building a new Israeli middle class
• Strengthening society by expanding
  academic opportunities for all
• Serving as a model of tolerance and
  coexistence in Israel and the entire
  region

President's Message:

Dear Research Students and Members of the Bloom Graduate School Community,
On behalf of the University of Haifa's Leadership, I wish to welcome you to the Bloom Graduate School and congratulate you for the path you have chosen to take at this stage of your lives - a path of exploration, discovery, and hopefully profound future impact over your surroundings. It is a path that will guarantee great satisfaction, but will require perhaps the greatest efforts you have known thus far in your studies.

Your primary task in the next several years will be to "think locally and act globally"; to identify the challenges occupying your own communities, and propose solutions that can be globally applicable. Being part of an ever-seeking, ever-curious community begins with a state-of-the-art, structured educational program, that includes all the basic know-hows you will need in order to become influential scholars. With these tools, your journey towards finding the unknown solutions of tomorrow, will become most meaningful and worthwhile.

As the University of Haifa recently marked its 50th year since establishment and is now beginning its first steps into the next Jubilee, today marks a new beginning with new opportunities for both the University, and you. The idea behind the Bloom Graduate School's program, is to provide a bundle of limitless possibilities for you to intellectually grow and develop. Aligned with our broader mission to make higher education more accessible to students from the full spectrum of Israeli society, the Bloom School for Graduate Studies aspires to be home to the best and brightest students from all over Israel, and play key role in cultivating the next generation of an inclusive academic leadership. Together with the tools and facilities we will provide you, comes the responsibility to move the mission we have set, a few steps forward. The unique learning experience being offered, includes a wide range of training sessions, workshops, and activities to help you gain the skills needed to carry out research professionally and effectively.

Training available through the Bloom Graduate School offers a broad program applicable across subject boundaries. This training is open to all doctoral and post-doctoral researchers and sits alongside the subject-specific training based in your own Department/School. We believe that this is where the future of academia lays - in an ongoing interdisciplinary discourse on the major problems troubling humanity, and with the best minds coming together regardless of their respective faculties, joining hands in this mission.

May you find your experience at the Bloom School for Graduate Studies enriching and fruitful, and may you make every day and every new discovery, count. In you all, we trust.

Sincerely,
Prof. Ron Robin

President

Rector's Message

The University of Haifa strives to be a symbol of excellence in teaching and interdisciplinary research in Israel and worldwide with an academic agenda focusing on social and environmental issues as part of its efforts to improve human welfare and Israeli society. Its public engagement will play a key role in Israeli culture, geography, and community life and as such, we will serve as a catalyst for change, promoting and developing leadership in public and business sectors, and encouraging everyday coexistence within Israel between members of various religious groups.

The University of Haifa has made a strong commitment to social and environmental sustainability in accordance with the goals set by the United Nations for sustainable development (UN's Sustainable Development Goals; SDGs). The 17 goals, which were adopted by all UN member states, are a 'roadmap' for humanity. The University of Haifa is advancing these goals through research, teaching, public engagement, and the institution's ongoing operations.

Our unique geographical location – Mountain (our main campus located in the Carmel Forest); City (the Downtown Campus); and Sea (laboratories located along the Mediterranean coastline) – serves as a "living laboratory" for research on man, society, and the environment. Our researchers have established a network of international connections that contribute to sustainability research. And, while the insights emerging from this research shed light on local issues, their impact is global.

An important step we took to advance research and sustainability is the establishment of the Bloom School of Graduate Studies. The Bloom School marks a fundamental change in how research students, especially postgraduate students, study for their doctoral degrees. Instead of doctoral students focusing exclusively on their field of research, Bloom School research students will also take general sessions that deal with global issues that are not necessarily related to their fields of research, such as immigration, NGOs, or personal, social, environmental, and personal well-being.

Working together, the University of Haifa family- our dedicated community - can change lives and our world for the better. I encourage us all to think locally and act globally. Doing so will bring us closer to our goals.

Prof. Gur Alroey,

Rector

Dean's Message:

Dear Students,

Engaging with training throughout your doctorate is an important part of your journey towards being able to undertake high-quality, independent research.

The Bloom Graduate School is proud to launch the Researcher Development Program for the 2022-2023 academic year.

The program offers you a wide range of training sessions, workshops, and activities to help you gain the skills you need to carry out research professionally and effectively and to support your ongoing career.

Training available through the Bloom Graduate School offers a broad program applicable across subject boundaries. This training is open to all post-doctoral and doctoral researchers (years 1-4 in the regular track, years 1-5 in the direct track) and sits alongside the subject-specific training based in your own Department/ School. The program does not award credit points.

Undertaking training outside your discipline provides opportunities to meet other doctoral researchers, explore ideas and be challenged outside your immediate circle of colleagues and peers, and receive input from a wider range of expert faculty staff.

This catalog contains details of the sessions for the academic year 2022-2023. All sessions are held in English (unless otherwise specified).

I hope you make the most of the opportunities offered by this program to enhance your research and personal skills, as well as meet with and learn from your peers in other disciplines.

I wish you every success with your research endeavors and look forward to seeing you at some of our sessions.

Prof. Irit Akirav

Dean, Bloom School for Graduate Studies

The Bloom Graduate School Researcher Development Program

The curriculum of the Bloom Graduate School consists of four clusters organized around modules.
Three clusters focus on academic content areas, specifically around cross-disciplinary, socio-scientific encounters, research efficiency, and productivity, and methodology.

The fourth cluster, led by the Haifa Grad Team, is about creating rich and stimulating learning spaces to foster professional and social collaboration and enable networking among students and with the larger community.

This cluster offers thematic encounters that are intellectually challenging and encourages critical thinking and theorizing around local and global societal issues.

Each thematic encounter consists of 3-5 two-hour sessions which will be conducted through bottom-up, self-generated learning communities and mediated by faculty members.

Gender and Sexuality

First meeting: The Gender Revolution from a Developmental Perspective
Prof. Tomer Shechner, School of Psychological Sciences

This introductory class provides an overview of gender and sexuality from a developmental perspective by emphasizing the sociocultural changes in how we understand gender/sexuality today. Among the different identities we all embrace (ethnical, cultural, professional etc.), gender is arguably the most salient cross-culturally and the first to develop. Hence, it has a profound influence on all developmental aspects: our interests, traits, peer selection, intimate relationships, future aspirations etc. Gender development is affected by biological, psychological, and social processes and is influenced by interactions with family, peers, school, and culture. Hence, different aspects of sex and gender continue to develop throughout life and are not necessarily consistent. We will discuss the reciprocal relations between cultural and social aspects of gender and the development of gender identity in children and adolescents.

Second meeting: Gender and Sexual Diversity
Prof. Tomer Shechner, School of Psychological Sciences

The second class will focus on gender and sexual diversity across the lifespan. Historical context will be discussed by examining the gender-related changes in psychiatry and psychology, specifically, the evolution from the diagnosis of Gender Identity Disorder to Gender Dysphoria. This change indicates a shift from pathologizing any gender identity that is not congruent with the assigned sex to emphasizing gender-related subjective stress. Recent community-based studies estimate that roughly 12% of adults in the US identify as LGBT. Moreover, 1-2.7% (or even more in some studies) of adolescents identify as transgender or gender diverse (TGD). This data is supported by studies showing an increase in referrals to gender clinics in the past 10 years (UK, Scandinavia, Israel etc.). Nonetheless, despite the increase in LGBT identities and the social gender revolution discussed in the previous class, LGBT individuals of all ages commonly experience stigmatization, prejudice, and discrimination, resulting in minority stress. This term refers to the unique stress LGBT individuals experience in addition to the general stressors experienced by all. The last part of the class will discuss ways of building resilience in LGBT individuals, by helping families, schools, and workplaces to be more inclusive and supportive of sexual and gender minorities.

Bio: Prof. Tomer Shechner is a clinical psychologist and a faculty member in the School of Psychological Sciences. His main research focuses on the development of anxiety disorders in children and adolescents. By using a multiple-level analysis approach, his lab studies the biological, cognitive, behavioral and environmental factors that contribute to the etiology and maintenance of anxiety disorders. Over the past ten years, he has been focusing on information processing and more specifically, on attention to threat and fear learning. Research on these two mechanisms provides unique opportunities for improving early detection and generating novel treatments for anxiety disorders. Another line of research in his lab focuses on gender development. By using age-appropriate and culturally adapted measurements, the lab examines typical and atypical gender development across the lifespan. Prof. Shechner received his Ph.D. from Tel-Aviv University (clinical psychology) and completed a post-doc at the National Institute of Mental Health (NIMH) in the Section on Development and Affective Neuroscience.

Third meeting: From Masters and Johnson until Today:
Models for Understanding Sexuality
Dr. Ateret Gewirtz Meydan, School of Social Work

This introductory class will provide an overview of the main definitions of sexual health and sexuality. Key models and theories to understand sexual behavior, function, and satisfaction will be presented and critically evaluated in class. Students will also be presented with an overview of the research on sexuality, how can sexuality be measured and assessed, what are the main challenges in researching sexual-related issues, the importance of studying sexuality, and the future directions in sex research.

Fourth meeting: Social Legitimacy to Express One's Sexuality
Dr. Ateret Gewirtz Meydan, School of Social Work

Sexuality is an important part of life and is associated with personal wellbeing and quality of life. While individuals experience sexuality in their own way, not everyone enjoys the same social legitimacy to express their sexuality. Social reactions to the sexuality of some populations vary from silence to actively dismissing or shaming their sexuality or their desire to be sexually active. This class will focus on how Individuals from different populations are often excluded from the discourse on sexuality and confronted with myths and misconceptions regarding their sexuality. The consequences of this de-legitimacy of sexuality will also be discussed.

Bio: Dr. Ateret Gewirtz-Meydan is a senior faculty member at the School of Social Work and the director of The Science of Sex Research Lab. Dr. Gewirtz-Meydan studies intimate relationship problems, including sexual distress and dysfunction. Her research and clinical work center on the impact of childhood abuse on the sexual satisfaction and function of individuals. Dr. Gewirtz-Meydan is also a research fellow at the Crimes against Children Research Center (CCRC), the Haruv Institute, and The Interdisciplinary Research Centre on Intimate Relationship Problems and Sexual Abuse (CRIPCAS). In practice, Dr. Gewirtz-Meydan is a certified sex therapist and is an invited lecturer in training courses for sex counseling and therapy.

First meeting: How Climate Change makes Tsunamis, Floods, and Storms more Dangerous (or does it?)
Dr. Beverly N. Goodman-Tchernov, Department of Marine Geosciences

Climate change impacts us in many different ways, not all of which have clear relationships. The proposed trajectory of climate combined with human factors (coastal development, population, geopolitics, landscape change, etc.) results in a complicated mix. Risks associated with tsunamis have been estimated to increase with the increased sea level and temperature changes. How does this make any sense if tsunamis are an outcome of earthquakes, volcanoes, slumps, etc.; and floods are associated with rain, and storms wind?

Bio: Dr. Beverly N. Goodman-Tchernov is a faculty member in the Leon Charney School of Marine Sciences within the Department of Marine Geosciences. Her research blends archaeology, geology and anthropology to explore the complex ways nature and humans interact on coastlines. Her work concentrates on the causes and effects of ancient environmental events like tsunamis and floods in an attempt to better understand what risks are present today and how broader climate-linked trends, such as sea-level change and fluctuations in precipitation, can be recognized in the sedimentary record.

Second meeting: The Impact of Climate Change on Public Health: What, How and Who are the Most Vulnerable?
Dr. Maya Negev, School of Public Health

Climate change is defined by the World Health Organization as the biggest threat to human health.In this workshop, we will explore how climate change already impacts the lives of millions through extreme events such as heatwaves, floods and draughts, a rise in infectious diseases and harm to mental health. We will study the projected exacerbation of harm to public health in the coming decades. We will ask who are the biggest climate polluters and the most vulnerable populations and explore climate justice at the international, national and local levels.

Third meeting: Climate Resilience: Adapting to a Changing Climate and Improving Public Health
Dr. Maya Negev, School of Public Health

Climate change is here and is expected to intensify. In this meeting, we will explore solutions and adaptation to climate change. Through the case study of urban design, we will focus on cities and what can be done to reduce the urban heat island and close the climate gap at the local level, with examples from Haifa, Shfaram, and Tel Aviv. We will also introduce the health co-benefits concept, and learn about the health implications of various climate policies.

Bio: Dr. Maya Negev is a senior lecturer and head of the Division of Health Systems Policy and Administration at the School of Public Health. Her research interests are in the science-policy interface of environmental health, with a particular interest in health aspects of adaptation to climate change. Her current work focuses on regional and urban resilience to climate change. These questions are examined through mixed methods and interdisciplinary research. She received her Ph.D. from Ben-Gurion University and her doctoral thesis focused on a multicultural approach to environmental policy. She was a Fulbright visiting scholar at the School of Public Health, UC Berkeley, and conducted research on adaptation to climate change in the public health sector at the London School of Hygiene and Tropical Medicine, during a Daniel Turnberg fellowship. Maya is a member of the Board of Directors of the Arava Institute of Environmental Studies.

**Fourth meeting: Introducing BOSTAN TREE Project: Bio-archaeology
of Orchards and Sustainable Terroir in the Arid Near East –
Trends in Ecology and Evolution
Prof. Guy Bar-Oz, School of Archaeology and Maritime Cultures**

Engaging with the myriad challenges linked to global warming and the unchecked expansion of drylands, the project seeks to develop models for implementing past agricultural know-how in modern socioeconomic contexts. Our novel methodology fuses cutting-edge interdisciplinary scientific approaches from the humanities and natural sciences with an inclusive citizen science framework to examine the ecological history and cultivar diversity of relic 'heritage horticulture' in four distinct arid regions in southern Israel. Focusing on the bioarcheology of trees, we will define the historical, biological and environmental principles of dryland heritage horticulture systems and create a method for the exploration, analysis and ultimate dissemination of the crucial data they contain. When combined, this exceptional compendium of perspectives—coupling broad socio-geographical scientific viewpoints with more precise biogenetic, archaeological, and natural science analytics—can expand our understanding of the factors that drove the sustainability of heritage horticulture in marginal areas. The outcome of our study—an archaeologically informed grasp of ancient agrarian resilience—can transform the field of environmental history and impact present-and-future agricultural dynamics. Indeed, viewing trees as a singular analytical unit is unprecedented, as is our interdisciplinary survey of both the dormant and living artifacts contained within these archaeological contexts. Hence, deep knowledge of how bygone farmers related to the landscape and managed their limited resources, particularly the terrain, soil and water, holds vital implications for climate change adaptation and current-day food security. Moreover, the unique history of dryland farming and its remarkable development in marginal regions can inspire landscape policy management initiatives and community engagement programs that promote cultural heritage restoration and landscape reclamation.

Bio: Prof. Guy Bar-Oz is a professor of archaeology. His research focuses on the cultural and biological heritage of the ancient Levant. His research team is a hub for a collaborative scientific network with a strong foundation in anthropological and biological research. His main research efforts deal with developing and applying novel methods for reconstructing in high resolution the culture and environmental landscape of past societies. In the last few years, his main research concentrates on human impact on ancient environments and the collapse and resilience of past societies in marginal environments.
He is currently the head of the Negev Byzantine Bio-Archaeology Research Program (ERC and ISF-supported project), which investigates the causes of the collapse of the Byzantine society in the Negev. His recent PoC ERC and ISF project: "From near extinction to market distinction: Developing a methodology for the sustainable revival of heritage grapevine cultivars" formulate a multidisciplinary model for reviving bygone heritage cultivars that were found in archaeological excavations and still grow feral in the region. This project bears crucial implications for present-day concerns with sustainable development.

Free will, Suicide and Punishment

First and second meetings: Talks on the Free Will Problem
Prof. Saul Smilansky, Department of Philosophy

The free will problem has been known for some 2000 years, and it is one of the great classical problems of philosophy, yet one that is highly relevant in real life. Great progress has been made on it in recent decades. In these two sessions, we will go through this problem systematically. The first session will focus on terminology, the three distinct questions that constitute the modern free will problem, and outline the major alternatives. The second session, will further elaborate what is at stake, and then, by going over each question, students will be able to formulate their own position.

Bio: Prof. Saul Smilansky is a Professor at the Department of Philosophy, University of Haifa, Israel. He works on normative and applied ethics, the free will problem, and meaning in life. He is the author of Free Will and Illusion (Oxford University Press 2000), 10 Moral Paradoxes (Blackwell 2007), and over one hundred papers in philosophical journals and edited collections.

Third meeting: The Wish to Die and Free Will
Dr. Joy Benatov, Department of Special Education

The session will present studies and theoretical models trying to explain suicide ideation and behavior. We will provide an overview of the psychological and psychiatric perspectives on individuals with a death wish. Finally, a case study and discussion on free will and the wish to end one's life will conclude our discussion

Bio: Dr. Joy Benatov is a clinical psychologist and a senior lecturer at the Department of Special Education. Her field of research is adolescents' mental health and suicide behavior in particular. Her studies have focused on social marginality and social exclusion as risk factors for suicide behavior. Furthermore, she has developed and studied school-based prevention interventions for building resilience and preventing suicide among youth.

Fourth meeting; Penal Policies in Israel
Prof. Oren Gazal-Ayal, Faculty of Law

Prisons in Israel are in crisis. News stories report on inmates who spend nights in police detention cells, which lack beds and toilets because the Israel Prison Service cannot accommodate them. In regular prisons, inmates are held in overcrowded cells, in breach of the High Court of Justice's order requiring that each cell size, divided by the number of inmates, will be at least 4 square meters.

How did we arrive at this crisis, what should the state do to resolve the crisis, and what are the effects of the prison crisis on crime and penal policies? These issues will be discussed in the this session.

Fifth meeting: Sentencing Law in Israel – Offenders as Subjects or Objects
Prof. Oren Gazal-Ayal, Faculty of Law

Sentencing laws around the world expose a tension between two perceptions of offenders. According to one perception, the offender is a subject who has done wrong and hence deserves to be punished. According to the other viewpoint, offenders (at least some of them) are inherently prone to do wrong based on who they are, and hence they should be incapacitated or rehabilitated.

In this session, we will discuss how Israeli law in the books and law in action tries to address the two conflicting perceptions of offenders and to what extent it succeeds.

Bio: Prof. Oren Gazal-Ayal (immediate past Dean of the Faculty of Law) currently serves as the director of the Center for the Study of Crime, Law and Society. He is an expert in criminal law and procedure, sentencing law and in law and economics. He is regularly published in leading journals, including Duke Law Journal, The Journal of Law & Economics, The Journal of Empirical Legal Studies, Law & Social Inquiry and all of the leading Israeli legal journals. His papers are frequently cited in decisions of the Israeli Supreme Court.

He serves as the vice-chair of the Public Committee for the Prevention of False Convictions (headed by the former Supreme Court Justice, Yoram Danziger), and a member of several other public committeesHe initiated a reform for alternatives to criminal proceedings which was subsequently legislated by the Israeli parliament (the Knesset) in 2012.

He has been awarded several prizes for his research, including the Minister of Public Security Prize (twice: 2002, 2008), the Dusty and Ettie Miller Prize for Outstanding Young Scholar (2008), the Cegla Prize (2008) and the Fatal Prize for excellence in research (2016). He has also received several prestigious and competitive research grants from, among others, the Israel Science Foundation (ISF, three times) and the German Israeli Foundation (GIF).

Gazal-Ayal has been a visiting scholar and visiting professor in universities around the globe, including Oxford University, Worcester College (2019) (Massada Fellowship), NYU Law School (1999), Connecticut Law School (2004), Michigan Law School (Fulbright Fellowship, 2004-5), the Max Planck Institute in Freiburg (2007) and Aix-Marseilles (with an Erasmus Mundus Fellowship, 2008). In 2009-2010 he served as the president of the Israeli Law and Economics Association. Gazal Ayal has been a member of the Israel Young Academy and of the Global Young Academy. He was selected by the IAP - The Global Network of National Science Academies, as one of 55 "Outstanding Young Scientists".

First meeting: From Scandal to Code:
On Codes of Research Ethics and their Development
Dr. Arnon Keren, Department of Philosophy

The lecture will discuss the historical development of codes of medical research ethics and what it teaches us about general principles of the ethics of research, about ethical codes more generally, and the relations between them.

Bio: Dr. Arnon Keren is a Senior Lecturer at the Department of Philosophy and co-chair of the Psyphas BA Honors Program in Psychology and Philosophy at the University of Haifa. He did his Ph.D. in Philosophy at Columbia University, and was a Postdoctoral Fellow at the Department of Bioethics at the NIH, before joining Haifa. He was a Visiting Research Fellow at the Department of Philosophy, King's College London and at the University of Oxford Uehiro Centre for Practical Ethics, UK. He works on a wide range of issues in Social Epistemology, Philosophy of Science, and Bioethics, including the epistemology of testimony, epistemic trust and epistemic authority, science and democracy, and informed consent.

Second meeting: An Ethical and Legal Framework
for Research with Human Participants
Dr. Maya Peled Raz, School of Public Health

In this lecture, we will look at the Israeli regulatory scheme, and discuss the three main areas of concern in any research with human participants –

a. Proportionality between possible harm and benefit,

b. Voluntary and informed consent and

c. Privacy, confidentiality, and data security

Bio: Dr. Maya Peled Raz (LLB, MPH, Ph.D.) is a senior lecturer of law and ethics and head of the Division of Bioethics and Public Health at the University of Haifa, School of Public Health.
She is the Chair of the Research Ethics Review Board (ERB) at the Faculty of Social Welfare and Health Sciences,, a member of the Association of University Heads (VERA) working group on "Research Ethics Review Boards (ERB's) in the Israeli academia" and a Board Member for the International Center for Health, Law and Ethics, at the University of Haifa.
Dr. Peled Raz also serves as a clinical ethicist and the chair of the Ethics Committees at Bnei Zion Medical Center in Haifa and as the head of the ethics committee at the Galilee Medical Center in Naharia, and as Deputy Chair of the IDF's Medical Corps Ethics Committee.

Third meeting: Is My Research Ethically Problematic?
Dr. Arnon Keren, Department of Philosophy

In this meeting, we will explore together ethical problems that might emerge from research in students' own fields of study. What kinds of problems do ethical codes address? and what kinds of problems might emerge from students' research that is not addressed by ethical codes and institutional review boards?

Fourth meeting: Relationship between Advisor and Advisee: Ethical Aspects
Prof. Alexandre (Sandy) Kedar, Faculty of Law

This meeting will address the major ethical issues concerning the relationships

between advisor and advisee before, during and after the Ph.D.

Among the issues to be addressed:

a. Power relationships

b. Formalizing expectations

c. Joint publications

d. Who "owns" the products of the dissertation

e. Financial support

f. Ending relationships before graduation

g. Additional issues raised by graduate students

Bio: Prof. Alexandre (Sandy) Kedar teaches at the Faculty of Law. He holds a Doctorate in Law (S.J.D) from Harvard Law School. He was a visiting professor at the University of Michigan Law School as well as a Grotius International Law Visiting Scholar there and a visiting associate professor at the Frankel Institute for Judaic studies in the University of Michigan. His research focuses on law and society, legal geography, legal history, and land regimes in settler societies.

Sustainability

First meeting: The Sustainability Initiative at the University of Haifa
Prof. Ofer Arazy – Department of Information Systems

The University of Haifa puts the issue of sustainability at the forefront of its attention.

How is this reflected in the institution's research, study programs and operations? In this session we will talk about the challenges of humanity, sustainability and the role of academia.

Bio: Prof. Ofer Arazy is a Professor at the Department of Information Systems at the University of Haifa. Prof. Arazy holds a B.Sc. and MBA from Israel Institute of Technology (Technion) and a Ph.D. from the University of British Columbia (UBC), Canada. Prior to his academic career, Prof. Arazy held various positions in industry, including Operations Manager for the software house Jacada.

Arazy's research interests "broadly speaking" are in the areas of knowledge management and computer-supported cooperative work (CSCW), and he employs a variety of research methods: from design science to behavioral research. His research has been supported by various funding agencies and external sources. Prof. Arazy's work has appeared in: MIS Quarterly (MISQ), Information Systems Research (ISR), Journal of MIS (JMIS), Journal of the AIS (JAIS), among others; and his 2010 JAIS paper was the recipient of the AIS Best IS Publication of the Year Award. Prof. Arazy has served on various journals' editorial boards, including an Associate Editor for MISQ.

Prof. Arazy is leading Haifa Innovation Labs (HIL; https://hil.haifa.ac.il/) and is the University of Haifa's Director of Innovation and Sustainability

Second meeting: American Inequality in the Neoliberal Age
Dr. Eli Cook, Department of History

This class will focus on the sharp rise in income and wealth inequality that has taken place in the United States since the 1980s. After sharing some empirical data which demonstrates how a massive wealth gap has grown in the U.S., the class will focus on the reasons why this increase in inequality took place and what were its social, economic and even cultural ramifications. We will discuss topics like globalization, de-industrialization, tax policy, the shift in economic ideas from John Keynes to Milton Friedman - and more.

Bio: Dr. Eli Cook is a Senior Lecturer in the Department of General History and head of the American Studies Program. He received his Ph.D. from Harvard University in 2013. He is an intellectual, cultural and economic historian of American capitalism and economic thought. His first book, The Pricing of Progress: Economic Indicators and the Capitalization of American Life was published by Harvard University Press in 2017 and won two intellectual history best book awards from the Society for US Intellectual History and from the Journal of the History of Ideas. His new book project explores the history of "choice architects" and the analog origins of digital capitalism and will be published by Penguin-Random House.

**Third meeting; Social Media Data for Environment and Sustainability
Prof. Andrea Ghermandi, Department of Natural Resources and
Environmental Management**

Social media data are transforming sustainability science by enabling high-fidelity monitoring of social-ecological processes. Research, however, faces challenges from restrictions in data accessibility and ethical concerns regarding potential data misuse, which put the future of the field in question. In this lecture, we will review the literature on the use of social media data in environmental and sustainability research. It will be argued that social media data can play a novel and irreplaceable role in achieving the UN Sustainable Development Goals by allowing a nuanced understanding of human-nature interactions at scale, observing social-ecological change, and investigating the co-construction of nature values.

we will highlight threats to data access, in the face of a quickly changing landscape of terms and conditions by social media companies and increasing public mistrust and regulation. Three key ethical principles for balancing trade-offs between research transparency and privacy protection, promoting inclusivity, and ensuring responsible data use for the common good will be examined. When measured against such principles, current research practices, despite striving to use data ethically, have not always been up to the challenge. By embracing high ethical standards and fostering trust and cooperation in virtue of the social benefits of their research, sustainability researchers may play a critical role in the establishment of a virtuous cycle that better recognizes the public good nature of social media data and realizes their potential for social good.

Bio: Prof. Andrea Ghermandi is an Associate Professor at the Department of Natural Resources and Environmental Management and director of the Natural Resources and Environmental Research Center. He is an associate editor for the journals Ecosystem Services and PeerJ. An environmental engineer by training. His research spans over a range of fields including the valuation and mapping of ecosystem services, the use of research synthesis techniques, and crowdsourced digital data in environmental studies. He contributed to high-profile international initiatives such as TEEB-The Economics of Ecosystems and Biodiversity, the UNEP/GEF Project for Ecosystem Services (ProEcoServ), the Ocean Health Index, and the Ecosystem Service Partnership. His research on the use of social media in environmental research was awarded the 2021 Strage-BGU Award for Excellence in Environmental Sciences. He has (co-)authored more than 60 scientific papers in international, peer-reviewed journals in the fields of environmental sciences and environmental economics.

This cluster covers the more practical fundamentals of advanced academic studies including topics related to personal and interpersonal skills, as well as career planning and time management required in graduate school and beyond. Instructional methods include face-to-face lectures and workshops.

1. Journal Evaluation Tools
Ms. Ronit Marco, Library staff

This workshop will introduce tools and indices that are used to evaluate the impact and reliability of scientific journals. These tools will help you examine resources you wish to cite, or select journals to publish in. If you intend to publish, this workshop will demonstrate how to find the most suitable journal for your article. We will cover the Open Access publication model and the various options it entails. You will also learn about the new threat to academic publishing: "predatory" journals. You will learn how to identify and avoid these fake publishers.

Bio: Ms. Ronit Marco BSc MA – Library staff is an expert reference librarian at the Younes and Soraya Nazarian Library and the library liaison for the School of Public Health.

2. Introduction to Reference Management Tools
with an Emphasis on EndNote
Ms. Michal Carmon, Library staff

Reference management software helps researchers organize PDFs and notes and generate citations and bibliographies in a variety of publishing styles. This workshop preview EndNote as our major reference manager tool. You will learn how to install, set up, and use these tools for your research projects.

Bio: Ms. Michal Carmon, Senior Reference Librarian, B.A. in Education, Sociology & Anthropology, M.A. in Information & Knowledge Management.

3. Advanced Database Searching
Ms. Amy Lauran Shapira, Library staff

Database searching is an important skill for graduate students. This workshop will teach you how to identify suitable databases for your research, develop a solid search strategy as well as introduce tips and tricks to efficiently search various resources such as Ebsco Discovery Service, Google Scholar and major subject databases.

Bio: Ms. Amy Lauran Shapira BPT MA is an expert reference librarian at the Younes and Soraya Nazarian Library and the library liaison for the following university departments: Physical Therapy, Occupational Therapy, Nursing, Community Mental Health, and Communication Sciences and Disorders.

4. From an Idea to a Scientific Article: Information skills for research students (in Hebrew) Library staff

The purpose of the course is to impart knowledge about the research process, improve information search-evaluation-synthesis skills, and provide support throughout the research processes.

The course: "From an idea to a scientific article: information skills for research students" includes eight study units.

It will be available in two options: 1. Independent learning by the student; 2. As part of a lecturer-guided course.

The course includes short explanations, videos and interactive tasks.

Each department/discipline will be given the opportunity to add content unique to the field and each study unit will end with an online test. The course is currently in the final stages of development, and we hope to distribute it at the beginning of the second semester and make it available on a MOOC platform as well.

5. Publication Aspects:
5.1 How to Write Papers in Academia- Faculty of Humanities (2 meetings) Prof. Saul Smilanski, Department of Philosophy

Writing academic papers that then get published in peer-reviewed journals lies at the center of academic research, and is a condition to having a successful academic career. The first talk will start by presenting the predicament: how to get ideas for papers, how to turn an idea into a paper, how to get feedback and improve the paper, and how to get it published. Then a five-point model will be presented of the key insights for long-term paper-writing-and-publishing productivity. This will not be particularly related to, philosophy. In the second talk, I will speak more personally about the way I have proceeded to write philosophy papers, showing along the way various alternatives that can work, illustrating where I get my ideas for papers, and focusing on the question of how to generate in oneself the right sort of creativity and productivity.

5.2 How to Publish your Research? – Faculty of Social Sciences
Prof. Simone Shamay-Tsoory, School of Psychological Sciences

Publishing your research in paper can tremendously enhance your resume and your profile as an applicant for future academic career. In the lecture, we will discuss the importance of publishing papers. We will describe the complete process of how publishing starts from writing the paper to choosing a journal and submitting the paper. We will discuss the reviewing process and provide tips for scientific writing.

Bio: *Prof. Simone Shamay-Tsoory is a Full Professor at the University of Haifa and the head of the Integrated Brain and Behavior Research Center. She established the Social and Affective Neuroscience Laboratory, where she studies the neural basis of social behavior. She published more than 100 papers and was also nominated to serve as a section editor in high-impact journals (e.g. NeuroImage) and she serves as an editorial board member of the high-ranking journal Biological Psychiatry.*

5.3 The Joy of Publishing: Tips from the Angle of an Editor –
Faculty of Health Sciences
Prof. David Roe, Department of Community Mental Health

An academic career has often been referred to as an industry which boils down to "publish or perish". In this session, we would emphasize the more "positive" sides and focus on how publishing is often also an exciting, creative and meaningful process. Concrete tips from my experience as someone who attempts to publish, often reviews and serves as an editor will be shared.

Bio: *Prof. David Roe is a licensed clinical psychologist, a professor at the Department of Community Mental Health and an affiliated professor at Aalborg University, Denmark. After receiving a B.A degree (Magna Cum Laude) in psychology from Brown University he went on to Columbia University where he received his M. Phil, MS.cs and Ph.D. in Clinical Psychology.*

His research focuses on the psychosocial processes of recovery from serious mental illness, stigma, Patient Reported Outcome Measures (PROMs) and the evaluation of interventions and services. His research has been funded by several local and international sources, including NIMH, Israeli Science foundation, The Israeli Ministry of Health, The Israel National Institute for Health Services Research and Health Policy, the Israeli National Insurance Institution and the Tauber and Rich foundations. Roe has published extensively and serves as an associate editor for the Psychiatric Rehabilitation Journal, Journal of Mental Health, BMC psychiatry and Israel Journal of Psychiatry and is on the editorial board of Psychiatry Research, Journal of Clinical Psychology, Psychiatry Research Communications, Stigma and Health, Journal of Clinical Psychology, Psychosis, American Journal of Psychiatric Rehabilitation and Social Welfare (Hebrew).

5.4 Academic Publishing: Everything you Wanted to Know but were Embarrassed to Ask – Marine Sciences
Dr. Beverly N. Goodman-Tchernov, Department of Marine Geosciences

Publishing and disseminating our work is a key aspect of research today. However, the process can be thoroughly mystifying and foreign, and sometimes intimidating. This short workshop aims at helping to better understand why we publish, the different forms of publishing used in academia today, when it is time to publish (and what is 'publishable'), and what to expect through the process for yourself, your colleagues, and your supervisor.

5.5 Publish or Perish: What's Wrong with my Manuscript? –
Faculty of Natural Sciences
Prof. Shlomo Wagner, Sagol Department of Neurobiology

I will explain how to write a scientific manuscript from the first draft to the final version, guide you through the submission and revision processes, warn you of common mistakes that may cause a rejection of your manuscript and share several tips that will save you time and heartache.

Bio: Shlomo Wagner is the Chair of the Sagol department of Neurobiology and the head of the Laboratory for Neurobiology of Social Behavior. He investigates behavioral, neuronal and molecular processes which are involved in mammalian social behavior and memory. In addition, he explores brain mechanisms associated with autism spectrum disorder (ASD). To that end, he is using various animal models of ASD to reveal modified brain activity leading to impairments in social behavior and communication.

5.6 Less is More: A Survival Guide to Publishing your Paper – Faculty of Education
Prof. Tami Katzir, Department of Learning Disabilities

For many, the hardest part of academic pursuits is publishing scientific work in scientific journals. As scholars, we strive to do high-quality research to advance science. We come up with what we believe are innovative hypotheses, and use up-to-date research methodology. As we write up our findings, we aim to provide theoretical insight and share our work's theoretical and applied implications. Then, we submit our manuscript for publication in a peer-reviewed journal with the hope it will be accepted and published. In this session, I with share personal insights into the publishing process. I will identify common pitfalls and offer helpful solutions to prepare more impactful papers.

Bio: Prof. Tami Katzir is a full Professor in the Faculty of Education. She heads the Edmond J. Safra Center for Brain and Learning Disabilities. She was an assistant professor at Harvard University and a visiting professor at UCLA. Her interest is the biological basis of reading and linking cognition and emotion in large-scale nationwide reading interventions. She has published over 80 papers in her field.

6. From Academia to Industry and Back Again
Dr. Itzik Klein, Department of Marine Technologies

Two parts: 1) talk (45-60 min) and the rest of the time open discussion and Q & A

In this talk, I will present my personal experience and journey from academia to industry and back again. I will share some insights and different viewpoints of industry and academia as seen from each other's perspective. Also, we will discuss why your supervisor will play an important role in the next stage of your career.

Bio: Dr. Itzik Klein received the B.Sc. and M.Sc. degrees in Aerospace Engineering from the Technion - Israel Institute of Technology, Haifa, Israel, in 2004 and 2007, respectively, and a Ph.D. degree in Geo-information Engineering from the Technion - Israel Institute of Technology, in 2011. He is currently heading the Autonomous Navigation and Sensor Fusion Lab, at the Hatter Department of Marine Technologies, Charney School of Marine Sciences. He is the supervisor of 20 students (7 Ph.D.), serves as an IEEE Senior Member, and has exceptional experience in navigation systems and sensor fusion. He has been working on navigation-related topics for more than 15 years at leading companies in Israel, prior to joining the University of Haifa. His research addresses the intersection of artificial intelligence with the navigation and sensor fusion domains for the ocean and environment protection and developing tools for autonomous vehicles teamwork.

7. On Writing Barriers - In Hebrew (limited to 20 students)
Prof. Dana Amir, Department of Counselling and Human Development

A writing block is a phenomenon that attacks suddenly, impairs the ability of writers to work, drains the soul of inspiration and causes symptoms that are somewhat like the symptoms of mild depression. Writing barriers of all sorts are often related to the struggle between internal, intrapsychic forces. The workshop will present the internal conflicts related to writing barriers and will offer techniques that can help in dealing with them.

Bio: Prof. Dana Amir is a clinical psychologist, supervising and training psychoanalyst at the Israel psychoanalytic society, full professor, vice dean for research and head of the Interdisciplinary Doctoral Program in Psychoanalysis at Haifa University, editor in chief of Maarag – the Israel Annual of Psychoanalysis, poetess and literature researcher. She is the author of six poetry books, two memoirs in prose and four psychoanalytic non-fiction books: Cleft Tongue (Karnac, 2014), On the Lyricism of the Mind (Routledge, 2016), Bearing Witness to the Witness (Routledge, 2018) and Psychoanalysis on the Verge of Language: Clinical Cases on the Edge (Routledge, 2021). She is the winner of many literary as well as academic prizes, including five international psychoanalytic awards.

8. Facilitating a Social Network in Academia
Prof. Guy Itzchakov, Department of Human Services

Successful researchers have many personal skills and competencies. Yet, working alone in today's interconnected world is very difficult. Developing a solid social network with other researchers is vital in managing a productive academic career. This social network includes collaborators and acquaintances who can provide professional and social support. In this workshop we will discuss how to develop social networks in Academia, what to do, how to do it, and what we should try to avoid.

Bio: *Prof. Guy Itzchakov is an Associate Professor in the Department of Human Services. where he is head of the "Interpersonal Listening and Social Influence" lab. He obtained his Ph.D. from the School of Business Administration at the Hebrew University of Jerusalem in 2017 and was a postdoctoral fellow at the University of Toronto, Rotman School of Management, in 2018-2019. His research focuses on high-quality listening and its effects on speakers' and listeners' emotions, cognitions, and behavior. His work has been published in leading Applied and Social Psychology journals and has been funded by grants from the Israel Science Foundation, Binational Science Foundation (Israel-U.S), and Templeton World Charity Foundation.*

09.Selecting a Post-doctoral Position
Prof. Tomer Shechner, School of Psychological Sciences

Post-doctoral training is one of the most important steps in the long professional training of a scientist/ researcher. A successful postdoc is an important final step before searching for a tenure-track position. In this workshop, we will discuss important considerations for choosing a postdoc and for ensuring a meaningful experience. It will cover the following topics: Where should I start looking, funding, how to find the right lab for me, visiting different labs before making the final decision, setting goals for the postdoc (new research methods, writing, grants etc), PI-post doc relations, other postdocs in the lab, seeking for training opportunities during a post-doc and networking.

10. How to Review a Scientific Paper
Prof. Tomer Shechner, School of Psychological Sciences

Reading and writing a review for papers and research proposals (grants) is an integral part of every researcher/scientist. This session will systematically review steps in the process of writing a review for a paper/grant proposal. It will cover the following topics: The importance of writing scientific reviews, why should I care? Which journals should I review papers for? Different methods of reading a paper that I need to review, the paper's structure: introduction, method, results and discussion, separating the wheat from the chaff.

11. Career Development and Soft Skills Workshops – two meetings (4 HOURS EACH)
Prof. Smadar Ben-Tabou de-Leon and Prof. Daniel Sher, Department of Marine Biology

11.1 Soft Skills – Managing your Science

In this workshop we will discuss various aspects of collaborating and networking, career options and how to work with your advisors and colleagues.

11.2 Soft Skills – Managing your Career

In this workshop we will discuss how to make the right career decisions, we will share tips on how to write a CV, how to manage job applications and interviews, and time and project management.

Bio: Prof. Smadar Ben-Tabou de-Leon obtained her Ph.D. degree at the Racah Institute of Physics, at the Hebrew University in Jerusalem, on the optical properties of thin layers of semiconductors. She then did her first post-doctorate fellowship on the use of porous silicon surfaces for the detection of neural activity, under the supervision of Prof. Amir Sa'ar at the Hebrew University. In her second post-doctorate at the lab of Prof. Eric Davidson at Caltech, she made the transition to developmental and evolutionary biology and investigated the regulatory networks that drive the development of the sea urchin embryo. In 2012 she started her own laboratory at the University of Haifa, where she studies the biological regulation of biomineralization in the sea urchin larva. Her lab discovered that the molecular control of the sea urchin larval skeleton is similar to the regulation of blood vessel formations in vertebrates and humans. This illuminates how biomineralization evolved rapidly by co-opting ancestral developmental programs for organic scaffolds.
Prof. Ben-Tabou de-Leon is currently the head of the Department of Marine Biology at the Charney School of Marine Sciences. She has published more than 30 peer-reviewed papers in theoretical and applied physics and biological sciences. Her work significantly contributed to the understanding of the genetic and cellular regulation of developmental processes and to the evolution of biomineralization. She is an associate editor of Frontiers in Ecology and Evolution and Frontiers in Cell and Developmental Biology. She is married, has four kids, two cats and on her spare time she likes playing pokemon-go, jogging and hiking.

Prof. Daniel Sher is a Professor of Marine Biology at the Leon H. Charney School of Marine Sciences. (Daniel completed his undergraduate and Ph.D. studies at the Hebrew University of Jerusalem, followed by postdoctoral studies at MIT. His main research interest lies in Aquatic Chemical Ecology and Microbial Oceanography – understanding the way aquatic organisms communicate through chemistry, the chemicals that mediate these interactions, and the way these interactions and chemicals affect entire ecosystems. Most of the people in his lab currently study how Prochlorococcus, a tiny marine cyanobacterium and the most abundant photosynthetic organism on Earth, interacts with co-occurring marine bacteria. Other projects in the lab focus on understanding the causes for jellyfish blooms (including whether their associated bacteria are involved in bloom growth and decline), and on developing methods to use natural marine bacterial communities as biosensors for pollution. Daniel is also a member of the steering committee of the University of Haifa Data Science Research Center, and of the outreach committee of the School of Marine Sciences. He is married, has three kids and a dog, and in his spare time loves hiking, cooking and photography.

12. The Short Format Public Talk:
Going from Nearly Dead to TED (Half a day)
Dr. Beverly N. Goodman-Tchernov, Department of Marine Geosciences

The introduction of "TED talks" by Ted Waitt has altered the world of bridging the gap between the worlds of experts to the public. Learning how to create a talk using this short format and audience-friendly approach can improve a speaker's confidence, message clarity, and ability to communicate. During this lesson, students will learn some of the basic rules of creating a ted-talk like presentation, and learn techniques that can add to the strength of their public speaking skills.

13. The Academic Network: Conferences and Societies
Dr. Maya Negev, School of Public Health

This workshop will present the idea and benefits of academic conferences and societies in Israel and internationally, and discuss how to select and participate in a network, and the benefits of belonging to the academic community.

14. Money, Money, Money: How to Write an Effective Grant Proposal
Prof. Shlomo Wagner, Sagol Department of Neurobiology

I will describe my experience with various proposal types, detail the distinct parts of a typical proposal and what they require, explain my writing strategy, and share tips for putting forward a focused and compelling proposal.

Shosh Zalka and Poly Turk from the Research Authority will discuss the administrative aspects of grant submission, including how to prepare a budget.

Shoshi Zalka is the Head of the Information and Research Services Section; Poly Turk is the Head of the Research Budget Section.

15. The Lab as a Hub:
The Socio-scientific Fabric of an Experimental Laboratory
Prof. Shlomo Wagner, Sagol Department of Neurobiology

I will describe how laboratory life is seen from the point of view of a PI, and explain how a Ph.D. student may use his time and energy for a worthwhile research project while keeping good relationships with his peers and colleagues.

16. How to Build a Good Academic Portfolio
Prof. Oren Gazal-Ayal, Faculty of Law

A clear guidebook for candidates for academic positions does not exist. Some academic departments will evaluate certain factors, while others will give more weight to different criteria. Still, in this presentation, I will try to expose some of the things I learned as a dean who reviewed more than a hundred candidates for an academic position. Anonymous examples from successful and less successful cases might help candidates who consider an academic position prepare themselves better.

Cluster Three:
Research Paradigms and Methodologies

This cluster discusses and explains the data collection and analysis methods used in your Ph.D. research.

1. Interdisciplinary Research; Advantages and Disadvantages
Prof. Professor Alexandre (Sandy) Kedar – Faculty of Law

What is interdisciplinary research?

Examples of interdisciplinary research.

Advantages

Disadvantages

Discussion

Cluster Four:
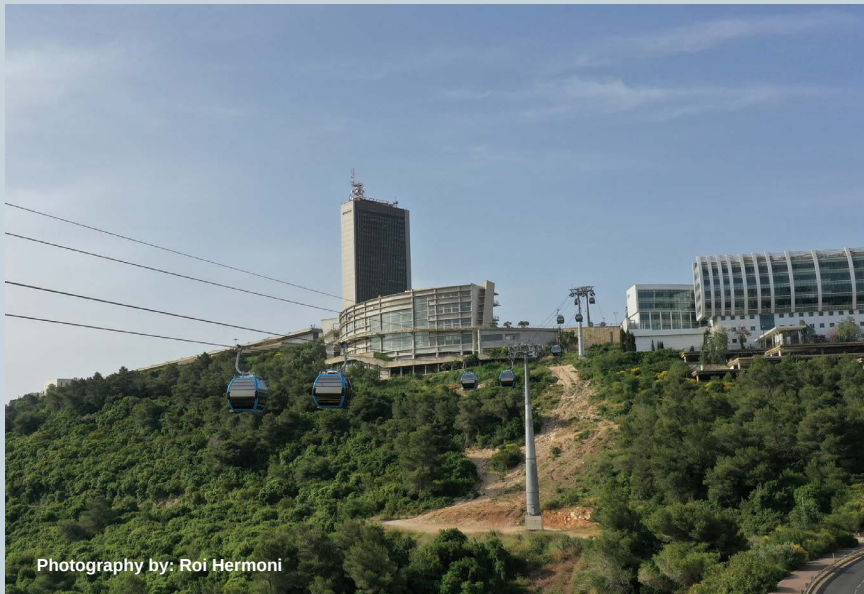Outward-facing Research in a Collaborative Learning Space

Within the framework of this cluster, the Bloom Graduate School along with the Haifa Grad Team offer a variety of platforms for students to co-construct knowledge in the community, to present their research and make it visible to both academic and non-academic audiences, and to establish cross-disciplinary, social and academic interaction.

Activities within this cluster will be published by the Bloom Graduate School during the spring semester of the 2022-2023 academic year.

הרשות ללימודים מתקדמים
בי"ס ללימודים מתקדמים ע"ש בלום
Graduate Studies Authority
Bloom Graduate School

אוניברסיטת חיפה
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