An evening with
TONY COMPER, C.M.
STEPHEN GRANOFSKY
DAN SHULMAN
RENÉE UNGER
The Printing House (TPH®) proudly supports Trailblazers, an event for young professionals and entrepreneurs to network and engage in a panel discussion with leaders who share their stories and tips for success. The efforts of the Young Leadership Committee at Canadian Friends of Haifa University continue to promote characteristics that allow individuals to achieve their goals and create success stories of their own.

CREATIVE.

INNOVATIVE.

LEADERSHIP.

AMBITION.

PASSION.

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TRAILBLAZERS

PROGRAM

COCKTAILS

WELCOME BY THE PRESIDENT,
CANADIAN FRIENDS OF HAIFA UNIVERSITY
HON. GERALD WEINER, P.C.

PANEL DISCUSSION

PANELISTS
TONY COMPER, C.M.
STEPHEN GRANOVSKY
DAN SHULMAN
RENÉE UNGER

MODERATOR
JEREMY LEVY

QUESTION PERIOD

COFFEE AND DESSERT
Tony Comper was appointed CEO of BMO Financial Group in February 1999, and also served as Chairman from July 1999 to May 2004, when the bank moved to a non-executive Chairman model. In almost four decades with the bank, Tony has served in virtually all its major operating areas.

Tony began his career at BMO in 1967 after obtaining a bachelor’s degree from the University of Toronto. He worked in the bank’s domestic branches and later, in the Personnel Department. In 1971, Tony joined the Operations and Systems Group where he played a major role in the evolution of the bank’s nation-wide, real-time computer system, an industry-leading innovation at the time. Tony was subsequently appointed Vice-President of Systems Development.

In 1982 he was promoted to Senior Vice-President, Personal Banking, and after serving as Senior Vice-President, Treasury Operations was appointed Senior Vice-President and Manager of the bank’s branch in London, England. He returned to Canada in 1986 as Senior Vice-President and Senior Marketing Officer, Corporate and Government Banking. Subsequently promoted to Executive Vice-President, Operations, in 1989 he was appointed Chief General Manager and Chief Operating Officer. He was appointed President in 1990. He serves as Independent Lead Director of Spectra Energy Corporation, Houston; Chair of the board of Directors, PPP Canada; Member of the International Advisory Committee, Li Ka Shing Knowledge Institute of St. Michael’s Hospital; Honorary Chair, Board of Governors of the Yee Hong Centre for Geriatric Care; The Advisory Board, The Conference Board of Canada/Spencer Stuart National Governance Award and Member of the Investment Committee, Catalyst.

Tony is past Chair of the University of Toronto’s Governing Council and served as Chair of the Campaign for University of Toronto; he is a former Vice-Chair of St. Michael’s Hospital and The Board of Governors of the Canadian Council of Christians and Jews.

In 1998, Tony received the Human Relations Award from the Canadian Council of Christians and Jews. In 2003 he received the Award of Merit from B’nai Brith Canada. He holds honorary degrees from the University of Toronto (LL.D.), Mount Saint Vincent University (D.Hum.L.), the University of New Brunswick (D.Litt.), and Haifa University with his wife Elizabeth. Tony and his wife also received the Scopus Award from the Hebrew University of Jerusalem.

Tony, along with his wife Elizabeth, founded FAST, a new initiative to combat antisemitism in Canada. They also serve as co-chairs of the Capital Campaign for the Royal Conservatory of Music. In November 2009, Concordia University conferred the degree of Doctor of Philosophy (Honoris Causa) and in January 2011, he received the Order of Canada. He enjoys golf, classical music, the theatre and the arts.
Stephen Granovsky holds both MBA and Law degrees and began his career as a lawyer.

Stephen is the CEO and principal of Grano Retail Holdings, a firm he founded with partners Lawrence Pollack and Naomi Levinson to acquire merchandising businesses with significant turnaround or growth opportunities.

Stephen is currently also CEO of Luxury Men’s Apparel Group, a Grano portfolio company that owns Samuelsohn and Hickey Freeman. Until 2007, he was President of Karabus Management Inc., one of North America’s leading retail consulting firms.

Grano and its principals have owned and restructured several businesses including Pindoff Record Sales (a multi divisional wholesale, retail and production business) before entering the menswear business with its acquisition of Samuelsohn in 2010. Since the initial acquisition, the Grano menswear portfolio, under Luxury Men’s Apparel Group, has grown almost five-fold and is now the largest manufacturer of luxury tailored clothing in North America.

Stephen has acted as advisor to many of North America’s top retailers and brands. He has also been a principal investor in several retails and brands. He is one of North America’s top consumer minds.

Stephen is the founder of Kids Autism Network, a small private fundraising charity for children with autism. He is the President of Beth Lida, the oldest Orthodox Synagogue in Forest Hill Village which was founded 100 years ago. He was also a director of Ve’ahavta, the Canadian Jewish Humanitarian Relief Committee. Stephen is the father of three children.
A native of Thornhill, Ontario, Dan Shulman is a 1989 graduate of the University of Western Ontario, where he received a degree in actuarial science.

Dan is an ESPN play-by-play commentator for Major League Baseball and NCAA Men’s College Basketball telecasts. He has been the voice of ESPN’s Sunday Night Baseball (since 2011) with analysts Curt Schilling and John Kruk.

Dan began his broadcasting career at the University of Western Ontario, becoming a main voice of university football and basketball for the Western Mustangs on CHRW radio in London, Ontario, and later at radio station CKBB in Barrie, where he volunteered for the local community television station. With the help of Erick Anderson (sports producer), he did the play-by-play for the local junior B hockey team.

Prior to his arrival at ESPN, Dan handled play-by-play calls for the Toronto Blue Jays on The Sports Network (TSN), Canada’s national sports network (1995–2001). He was also play-by-play commentator for TSN’s NBA package of Toronto Raptors and Vancouver Grizzlies games.


In addition, Dan calls Saturday Primetime men’s college basketball games alongside analyst Dick Vitale and provides commentary for select games from a variety of conferences.

Dan has served in a variety of host roles for several networks, including: The Leafs This Week, the Toronto Maple Leafs’ weekly magazine show on CFTO (1992–95); The Major League Report and Baseball Today shows for The Fan, a 24-hour sports radio station in Toronto; Prime Time Sports, a syndicated sports radio show carried on stations across Canada; Blue Jays pre- and post-game shows on the Telemedia Sports Network, and various ESPN Radio weekend programming (1992–94).

Dan has received many accolades and honours for his work. He was named the 2011 NSSA National Sportscaster of the Year by the National Sportscasters and Sportswriters Association – the first Canadian-born announcer to be so honoured. In addition, he is the first two-time winner of the Sports Media Canada Broadcaster of the Year award (2000, 2007).
Renée Unger began making salad dressings in her home over 20 years ago. Being allergic to preservatives, additives and M.S.G., her recipes only included the freshest ingredients. The requests for her dressings came from neighbours, family and friends wanting them for meals and parties. Renée did not mind supplying these dressings as she loved to cook; she, however, never dreamed that her recipes would one day be turned into a multi-million dollar business.

Renée’s background as a homemaker and school teacher helped her to start the business. She instantly visualized the potential, marketing and selling these products in every major supermarket in Canada. And the timing was perfect – gut instinct told her that consumers were getting into health, fitness and eating healthy foods, reading labels and looking for alternative foods which had no preservatives, additives and fresh ingredients – and Renée’s dressings were all of that and more.

Apart from producing the Number One Refrigerated Salad Dressing in Canada, Renée’s Gourmet Caesar, the company now produces 300 different products including Sauces, Marinades and Dips.

The company, Renée’s Gourmet Inc. continuously strived to innovate and improve in order to meet the ever-changing needs of the consumers. With Renée at the helm, the company’s Research and Development carefully created a plethora of unique products, which were put on the market to satisfy the demands of the enlightened consumers.

When you visited this North York Company, you felt that it had a different slant on the business model. Renée shared her passion for the business with her “team”, a group of dedicated workers that she treated like members of her own family.

The business was a family affair and Renée’s daughters were integrally involved in the business since day one! Lori Unger Gutmann was Marketing Director and Alysse Unger LuePann was Business Development Director.

Renée has received a number of awards throughout her years in business including “Woman Entrepreneur of the Year” by Women In The Food Industry. In the past five years, she was among the first 20 in the Top 100 Canadian Women Entrepreneurs; this year coming in at #7.

Renée, and her partner Arnie, sold the company to Heinz Foods of Canada in 2006 and she has been consulting for Heinz in the role of Innovation Expert ever since. Renée is involved in all research and development of new products and also consults for Arthur’s Beverages, which Heinz owns.
7 FACULTIES (65 DEPARTMENTS)
Faculty of Education
Faculty of Humanities
Faculty of Law
Faculty of Management
Faculty of Natural Sciences
Faculty of Social Sciences
Faculty of Social Welfare & Health Sciences

9 SCHOOLS
Leon H. Charney School of Marine Sciences
Graduate School of Creative Art Therapies
School of the Arts
School of Criminology
School of History
School of Political Sciences
School of Public Health
School of Social Work
International School

SPECIAL ACADEMIC & NON-ACADEMIC PROGRAMS
(partial list)
MA program for senior IDF officers
BA for the Intelligence Corps
BA for Naval Officers
BA for the Tactical Command Academy
Leadership programs (graduate) for Jews & Arabs in business, education & political science
Social work, nursing and occupational therapy studies for the ultra-Orthodox community
International MA programs
Divisions of Continuing Education and External Studies
Pre-Academic Unit

64 RESEARCH CENTRES & INSTITUTES
(partial list)
Caesarea Edmond Benjamin de Rothschild Foundation Institute for Interdisciplinary Applications of Computer Science
Centre for Community Mental Health Research, Practice & Policy
Elizabeth & Tony Comper Interdisciplinary Institute for the Study of Antisemitism & Racism
Cheryl Spencer Institute of Nursing Research
Edmond J. Safra Brain Research Centre for the Study of Learning Disabilities
Herzl Institute for Research of Zionism
Institute for the Study of Affective Neuroscience
Institute of Evolution
Interdisciplinary Brain and Behaviour Research Centre
International Centre for Health, Law and Ethics
Internet Research Centre
Jewish-Arab Centre
Kadas Green Roofs Ecology Research Centre
Leon Recanati Institute for Maritime Studies
National Security Studies Centre
Natural Resource & Environmental Research Centre
Strochlitz Institute for Holocaust Research
Tauber Bioinformatics Research Centre
Ray D. Wolfe Centre for the Study of Psychological Stress

UNIVERSITY SUBSIDIARIES & ASSOCIATED COMPANIES
Carmel-Haifa University Economic Corp. Ltd.
Hecht Museum
Israel School of Tourism
University of Haifa Press
The University of Haifa is the largest research university in Israel’s north with a student body that most accurately mirrors Israeli society. Critically important to the State of Israel, the University enrolls the largest number of military and security personnel who study alongside civilians from all walks of life – Haredi and secular Jews, new immigrants, Arabs and Druze.

On the boundary of the Carmel National Park, atop Mount Carmel, the University is home to more than 18,000 students. The University’s solid commitment to academic excellence is expressed in its many and diverse interdisciplinary and international programs and collaborations with academic institutions around the world.

The University’s distinctive mission is to cultivate academic excellence, create a shared Israeli experience and promote democratic civilian identity in an environment of tolerance, mutual respect and multiculturalism. It is such an environment that contributes to outstanding research and a community of exceptional, creative and productive alumni.

A passionate commitment to excellence, innovation and community defines the spirit of the University of Haifa. Guided by this spirit, students and faculty are shaping the academic, social, scientific and economic future of Israel.

With 42 years of history, the University of Haifa continues to grow its leadership position in research and academia. Today, it is world-renowned in many areas and is Israel’s leading university in the humanities, social sciences and marine research.
Programs in the Faculty provide professional training in various fields including special education, teaching, educational counselling, curriculum planning, and school management. Also offered are broad-based programs, such as educational policy, education and human development, education in sociocultural contexts, educational technology, and philosophy of education.

Together with the Graduate School of Management, the Faculty of Education has been chosen by the Israeli Council for Higher Education to establish the Israeli Centre of Research Excellence (I-CORE) on the topic of "Education and the New Information Society." The school's specific mission is to study "Learning in a Networked Society."

With its outstanding reputation in teacher education, and as the only university in Israel to adopt the Professional Development School model, the Faculty was selected by the Israeli Ministry of Education to lead the Teach First Israel educational program – a highly prestigious project known internationally as "Teach for All." The project marks its third year since its establishment.

The Ministry of Education also chose the University of Haifa’s Faculty of Education to house Israel’s two national centres for mathematics teachers in primary and high schools. These centres serve thousands of teachers throughout the country who receive continuing education and engage in service-training.
The University of Haifa, in partnership with the Israeli Ministry of Education and the Leo Baeck Education Centre, is proud to have launched the first school in Israel based on the pioneering Knowledge Is Power Program (KIPP).

Originally conceived and successfully implemented in the United States, the program is designed to help students from at-risk demographic communities to develop the knowledge, skills, and character traits needed to succeed in colleges, and in their careers beyond.

Researchers from the University will develop a comprehensive evaluation plan, establish baseline data, gather evidence, and adjust the educational program and teacher training offerings based on lessons learned. The evaluation feedback loop is what sets this initiative apart from other educational change projects and why the Ministry of Education has designated the University of Haifa as the sole university providing these academic, pedagogic and evaluation services to the KIPP Israel network.
The Faculty of Humanities is concerned with human culture, the history of human society, the spirit of man, philosophical thought, literature, linguistics, and art.

Prominence is also given to the basic elements of Judaism – the history of the Jewish people and its culture, and to Land of Israel studies and archaeology that reflect the local aspects of the humanities. As such, the Faculty of Humanities is home to 24 departments and programs that study and interpret history, philosophy, archaeology, languages, literature, and the arts.

In 2012, the Faculty of Humanities implemented its Mindscapes Program (Derech Haruach), which aims to broaden and enrich the studies of the University’s entire undergraduate student body by providing a cultural and humanistic perspective and insightful ways to think about and experience life. These study areas nurture broad perspective, deep understanding, critical thinking, and linguistic skills, contributing to success and satisfaction in any profession a student chooses to pursue. The Faculty of Humanities is also responsible for the humanities studies provided at the Technion.

Landscapes of Knowledge (Nofei Yeda) is another new Faculty program, supported by the Humanities Fund (run jointly by Yad Hanadiv and the Council for Higher Education). It offers innovative teaching in the humanities for campus-wide undergraduate audiences, introducing students to the richness of the humanities as a field of inquiry and a mode of thought.
The Graduate School of Creative Arts Therapies was established in October 2008 as part of the Faculty of Social Welfare and Health Sciences. The School offers the only program in Israel that awards a master’s degree in Creative Art Therapies with the following five specialization tracks: Art Therapy, Dance Movement Therapy, Music Therapy, Drama Therapy, and Psychodrama. Since its establishment, the School has become one of the most popular at the University, with over 400 students currently enrolled.

Art therapists use their knowledge about human development, psychological theories, clinical practice, and artistic creation to provide treatment and assessment to clients as well as to research topics within the healthcare field. Art therapists work in a variety of settings, including hospitals, educational institutions, community mental health facilities, prisons, hospices, day-care centres and private practices.
The Faculty of Law takes pride in being recognized as the most dynamic and innovative law school in Israel. Offering a Global Law program through various exchange programs, and hosting foreign students and professors who teach in English, it is the most international law school in Israel with 17 programs of international cooperation with universities abroad. The faculty has one of Israel’s largest and most wide-ranging doctorate programs in law in Israel with some 80 PhD students exploring diverse aspects of law.

The curriculum reaches beyond teaching basic legal concepts and doctrinal knowledge. It stimulates critical thinking and creativity in dealing with actual and desirable jurisprudence by applying various other disciplines, such as political science, sociology, economics, international studies, psychology, the humanities, technology, and computer science. Law students also have the flexibility of following any one of a dozen tracks towards joint degrees.

The research being conducted by the faculty reflects all of these ideals, embracing modern interdisciplinary approaches, such as law and technology, law and economics, law and society, law and national security, and law and culture. Likewise, graduate students are offered unique specialization fields, such as criminal law, bioethics and law, law and technology, patents handling, law and medicine, and civil as well as international adjudication.

International programs are also offered for graduate students and judges, such as the Erasmus Mundus Master’s program in Law and Economics in cooperation with leading European universities.

Two other programs within the Faculty of Law bring students on exchange to study at the University of Haifa while their Israeli counterparts are sent to study abroad. Both the joint LLM program with the University of Ottawa and a Maymester program focus on Intellectual Property, a field in which the University of Haifa excels.
The University of Haifa Faculty of Law, the youngest university law school in the country, is uniquely positioned to respond and prepare students to function as lawyers. Recognizing that law, the legal system and the rule of law are the backbone of Israeli democracy and fundamental tools for social change, the faculty imparts the knowledge required to apply a broad concept of law required in an age of swift changes in a global interconnected society that offers many opportunities, but also poses serious challenges to social justice and equality.

In this vein, we embrace the serious challenges facing Israeli society as learning opportunities for our students. In doing so, we lay the groundwork for a stronger legal profession and a brighter future for Israeli society.

The Legal Clinics for Social Change are research and investigative laboratories of the law and, at the same time, active social change agents, promoting change in society at large; addressing issues from public housing to minority rights, and the legal protection of disadvantaged and vulnerable populations.

The Legal Clinics for Social Change incorporate the Clinic for Human Rights in Society, the Clinic for Law and Education, and the Clinic for Prisoner’s Rights and Rehabilitation. The clinics place students at the forefront of complex legal issues and provide unique opportunities for Jewish and Arab students to collaborate and work in multi-ethnic settings.
The Faculty of Management is at the leading edge of teaching and academic research that is relevant to a broad range of Israeli industries and business sectors in the global environment. Founded in 1996, the Faculty takes pride in its high-quality, innovative educational programs, intensive academic research activities through its four research centres, and its involvement in Israeli society and the economy.

The Faculty’s three departments offer various MBA, MA, and PhD programs in management, placing exceptional emphasis on building bridges between academia and industry.

The Faculty is also home to the Centre for the Study of the Internet, which is a multidisciplinary research centre combining studies in computer sciences, history, communication, business management, law, psychology, sociology, and more. Its main goal is to contribute research-based theoretical and empirical knowledge to public discourse in matters relating to the accelerated development of communication technologies and their influence on society.
Israel is rated as one of the most advanced countries in the world for the management of water and renewable energy resources, and a leader in developing innovative and sustainable technologies. This accumulated knowledge is embodied in the Faculty of Management’s new Master’s program in Business Administration (MBA) program, which focuses on the subject of Sustainable Business Management (“Global Green MBA”).

The Global Green MBA is unique in Israel for its focus on issues of environmental and social sustainability that are increasingly at the heart of business managers’ responsibilities. This new MBA program seeks to promote sustainability-oriented leadership by providing the students with the essential tools for business management and incorporating leading-edge principles of sustainability throughout the curriculum.

The MBA program combines high academic standards within an international learning environment and provides superb opportunities for advanced learning and extensive cross-cultural exchange.
The youngest of the University’s faculties, Natural Sciences bridges the gap between the mathematical, physical and biological sciences with an evolutionary environmental emphasis. For example, the Brain and Behaviour Research Centre trains MSc and PhD students in advanced subjects related to brain and central nervous system functions.

One of the areas that the Department of Evolutionary and Environmental Biology focuses on is organismal responses to environmental challenges. Attention is given to temporal changes in the environment and their possible impact on our health.

The most established department in the Faculty is the Department of Mathematics, in which the various aspects of the discipline are studied from BSc level to PhD. This department’s faculty members are also members of the Centre for Computational Mathematics, which promotes the highest standards of mathematical research.

The most recent addition to the Faculty is the Kadas Green Roofs Ecology Research Centre – the first of its kind in Israel. Focus is on the development of non-irrigated green roofs and how they can improve biological diversity in semi-arid climates, as well as the development of ecological and evolutionary theories.
THE DEPARTMENT OF HUMAN BIOLOGY

The department’s faculty members and research teams share common themes: cell–tissue interactions in human physiology (as a basis for human functioning), understanding basic mechanisms of disease processes (patho-physiology), and the development of novel treatment options by manipulating cell signaling and cell-tissue interactions. These lines of research are thus concerned with cancer biology, cell-signaling and immunology, normal development and aging as well as with normal physiological functioning at the molecular, cellular and importantly at the tissue-systems level.

Additional focus is on human function and diseases (patho-physiology) in relation to environmental factors, nutrition and sleep. The Department of Human Biology is at the core of the University of Haifa’s initiative in research on aging, with many of the department’s research groups increasingly addressing the biological processes of normal aging as well as aging-related disorders.

CYBER SECURITY LABORATORY

Dr. Orr Dunkelman and Dr. Rita Osadchi of the Department of Computer Science were recently awarded a research grant as part of the National Cyber Project that deals with protecting biometric information, such as fingerprints, and developing novel secure ways to use this sensitive information.

This research is extremely important for the State of Israel, given the plan to compile a biometric database of the entire population, which would be a highly vulnerable target to many hackers working for other nations. The National Cyber Project recently awarded a prestigious fellowship to an outstanding graduate student in the Department to support his research in the field of cryptography.

In addition to its research activities, the Department is also launching a unique undergraduate study program in cyber security. Designed to prepare students to address today’s increasingly growing cyber challenges, the unique program will combine a rigorous core curriculum in computer sciences and a multi-disciplinary coursework in Sociology, Law, and Politics.
The University of Haifa is particularly noted for the quality of its academic programming in the social sciences. The future direction of society relies greatly on our understanding of how we interact with one another and what drives societal change. How organizations and communities affect the way that people live and work, how societies influence states, and how multiple factors influence individual behavior all require basic research.

The Faculty of Social Sciences approaches these issues with multidisciplinary curricula that are designed for three degree levels: BA, MA, and PhD (BSc and MSc in Computer Science and Information Systems). The Faculty comprises some 6,000 students and 160 full-time academic staff in 12 academic units, ranging from Psychology, Economics, Geography, and Environmental Studies, to Communication and Computer Science.

Academic faculty and student research is conducted both independently and in select research centres and laboratories.

Striving to strike the right balance between academic excellence and social responsibility, students are provided with the necessary tools to combine the two. Training programs are also made available to the wider public, such as working students, military officers, and local authority employees.

The Faculty has initiated novel interdisciplinary programs that include a bachelor’s program in Cognitive Sciences and master’s programs in Child Development, Criminology, and Peace and Conflict Management Studies.
The MA Program in Peace and Conflict Management Studies is a rigorous, one-year program of study that introduces the field of conflict management through both international and regional lenses. While special attention is given to Middle East conflicts, the program also presents conceptual, comparative and practical elements of conflict management from different parts of the world.

In addition to the great variety of courses within fields such as political science, international relations, psychology, sociology, communications, history and Middle East Studies, the program offers a wide range of exciting and enriching activities. These activities include field trips throughout Israel connected to local and regional conflicts; a practicum component in NGOs related to aspects of peacemaking and conflict management; thoughtful simulations of decision-making, negotiations and conflict management; and guest lectures given by activists, practitioners, politicians, diplomats, academics and former military officials.

The curriculum also examines specific case studies of conflict and uses the Middle East and Israel as a living classroom for empirical learning.

As a deeply divided society and a country in protracted conflict with other countries in the region, Israel is a unique environment for a program whose goal is to enable students to understand how conflicts unfold from a grassroots level and move up through the halls of government to the international community. Israel is a real-time hands-on working laboratory for advanced international and Israeli students, offering encounters with ongoing conflicts as well as successful and failed efforts to achieve peace.
This faculty offers outstanding opportunities for study, professional growth, research, collaboration, and community development in the fields of health care and social care. Aspiring professionals are provided with innovative academic pathways that follow a strong vocational theme which will help them deliver a higher quality of life to Israel’s growing population, particularly in the north of the country.

Comprising seven departments and three schools, the faculty engages in a wide range of nursing, therapeutic, psychological, and counselling disciplines. The interdisciplinary academic programs blend theoretical studies with intensive fieldwork, and emphasize applied research in the various professional fields of practice. Degrees are awarded up to the PhD level.

The faculty also operates a dynamic unit for Continuing Education that offers diverse and rich programs to external students already working in health and social welfare fields.

In reaching out to the community, the faculty develops and manages effective services for diverse target populations and clients. The faculty supports an Interdisciplinary Clinical Centre (ICC) that provides diagnosis and treatment services for physical and mental health conditions. It is also deeply involved in contributing to new developments in social policy in key fields of public health, welfare services, and social rights, while supporting evidence-based practice and social justice.

The faculty recently launched the National Outcome Rehabilitation Monitoring Implementation and Research Project, which surveys individuals with mental illness who are receiving psychiatric rehabilitation services. This research is being conducted for and with Israel’s Ministry of Health and is funded by the ministry and the Laszlo N. Tauber Family Foundation.
JEWISH-ARAB COMMUNITY LEADERSHIP PROGRAM
The main objective of the Jewish-Arab Community Leadership Program is to facilitate dialogue and multicultural social interaction between Jewish and Arab students. The program focuses on building a group of community leaders from Arab and Jewish students, and on enhancing social awareness, a spirit of volunteerism and community initiatives among the students.

ACADEMIC LEADERSHIP IN THE DRUZE COMMUNITY
This program is cultivating a new cadre of educated leaders in the Druze community. Program participants study in prestigious university departments and tracks, including the Department of Education, the Faculty of Social Welfare and Health Sciences, and the Faculty of Law. The courses equip students with advanced academic skills as an engine for social growth. The program’s elite and educated graduates will be able to motivate and lead their community by filling positions in fields that require university-educated professionals.

AMBASSADORS ONLINE
The Ambassadors Online program is an accredited academic course which trains students to be unofficial ambassadors for Israel on the Internet. Students learn how to confront the delegitimization of Israel that is present on the Internet and social networks. They learn response strategies for different situations and how to represent Israel through media outlets. The program is supported by the Dean of Students, the Student Union and the Elizabeth and Tony Comper Centre for the Study of Antisemitism and Racism.

INTERDISCIPLINARY CLINICAL CENTRE
The Interdisciplinary Clinical Centre (ICC) provides diagnosis and treatment services in the areas of physical and mental health from an interdisciplinary perspective. The clinical work combines student instruction, treatment, counselling and research, emphasizing interaction between practice and applied research. Projects initiated by the ICC incorporate therapists alongside faculty members.
The Leon H. Charney School of Marine Sciences is a unique initiative that applies an interdisciplinary approach and operates on a global scale. The school offers graduate studies (MA, MSc, PhD) for both Israeli and international students.

Each of the school’s departments specializes in a coherent set of disciplines, and together they cover the wide range of topics essential for understanding the complex marine systems. The Dr. Moses Strauss Department of Marine Geosciences combines research and graduate studies of the marine environment and is taking the lead in addressing the challenges of Israel’s recent deep-sea gas discoveries.

The Department of Marine Biology focuses on monitoring life beneath the sea’s surface, understanding how it is changing and how we can preserve our natural marine heritage.

The Department of Maritime Civilizations engages students in interdisciplinary studies, combining humanities and sciences for a comprehensive approach to the study of coasts and the sea. The three departments will soon be joined by a fourth: Man, Society and the Sea. Recent discoveries of huge reserves of natural gas in the Mediterranean Sea off the coast of Israel, estimated at 2% of the world’s global natural gas reserves, have catapulted the Mediterranean Sea into the international spotlight and onto Israel’s national agenda. The Israeli Exclusive Economy Zone (EEZ) is larger than the entire onshore area of Israel and holds an important key to Israel’s future.

In response to these developments, the Israeli government published a tender to establish a research centre focusing on Mediterranean Sea research. The University of Haifa was selected to lead a consortium of six universities and two research institutes to address an unprecedented array of scientific and technological, economic, security, environmental challenges and opportunities.

As the founding university of The Mediterranean Sea Research Centre of Israel, the University of Haifa is playing a key role in advancing marine research in Israel and shaping national policy on resource management, economic development, security, peace, and the environment.
The International School offers students a wide variety of courses taught in English and an opportunity to integrate completely into campus life. Through the numerous volunteer and internship possibilities, students also experience Israel first-hand, meeting Israelis and participating in Israeli society. Students may enrol for a summer, a semester or a year.

The Internship Program is designed for students who want to gain practical experience in their field of interest while earning academic credit. Past internships include: work in archaeological excavations; the Carmel Hospital; Haifa Women’s Crisis Shelter; Gan HaYeled (special education preschool facility) and numerous organizations in Haifa that work with Arab-Jewish relations.

The intensive Hebrew Summer Ulpan, which is offered every year during July and August, welcomes adults and students over the age of 18. Classes meet for five hours a day, five days a week and Hebrew is offered from beginner to advanced levels.

The University of Haifa is the first Israeli research university to offer a full summer session. In contrast to other Israeli universities, summer studies are offered within the regular tuition framework and enables students to spread their courses over three semesters. Students choosing to take summer semester courses are not charged additional fees.

Student life is an important addition to the academic component of the program. The department organizes extensive trips and tours, offering students an exciting view of Israel in its entire natural beauty and cultural interest. Lectures are also arranged on various aspects of life in Israel, including politics, religion and culture.

The School offers 16 international MA programs, including Marine Geosciences, Maritime Civilizations, Holocaust Studies, Peace and Conflict Management, and Diplomacy Studies.
Research is targeting cancer and cancer stem cells using ARTS-based therapy. Under the direction of Dr. Sarit Larisch, the research focuses on a recently discovered protein that initiates cell death. The research has the potential to become an accessible and effective cure for a range of cancers, including melanoma, leukemia, breast, liver, and ovarian cancer. ARTS research also has important potential implications for the treatment of neurodegenerative conditions such as Parkinson’s disease and Alzheimer’s in which cell suicide mechanisms are overactive.

Dr. Larisch discovered this unique protein during a three-year post-doctoral fellowship at the National Cancer Institute at the National Institute of Health in Maryland. Since her return to Israel, her ARTS-based therapy research has gained international attention in scientific communities. Dr. Larisch was awarded the prestigious Johnson & Johnson Focused Funding grant for her research exploring the involvement of ARTS in brain cell damage in Parkinson’s disease.

Dr. Dalit Barkan’s research focuses on the molecular mechanisms underlying tumour dormancy and the emergence to metastatic growth. Her findings have the potential to identify novel targets to fight metastatic growth and to eventually lead to the development of treatments that will prevent recurrence and metastatic growth in breast and other cancers.

The next phase of her research will involve testing the effect of radiation and chemotherapies on the remodelling of the micro-environment surrounding dormant tumour cells.

Dr. Barkan joined the University of Haifa after completing a five-year post-doctoral fellowship and a two-year research fellowship at the NIH’s National Cancer Institute. Dr. Barkan attributes her successful return to Israel to the supportive work environment at the University of Haifa.
THE LABORATORY FOR RESEARCH OF MOLECULAR & CELLULAR MECHANISMS UNDERLYING LEARNING & MEMORY

Gaining a better understanding of the mechanics behind how the brain absorbs, stores and retrieves information will help find new ways to fight brain diseases, such as Alzheimer’s, and improve quality of life for individuals and their families suffering from these debilitating diseases. Director of the laboratory, Prof. Kobi Rosenblum, Head of the Sagol Department of Neurobiology and Ethology, is one of the world’s leading experts in fields related to neurodegenerative disorders; the formation of long-term memory; analysis of biological processes serving the formation of long-term memory, and the clinical treatment of memory dysfunction.

THE BRAIN AND BEHAVIOUR LABORATORY

Prof. Gal Richter-Levin is the head of the Haifa Forum for Brain and Behaviour, and co-director of the Institute for the Study of Affective Neuroscience at the University of Haifa. After two years with Prof. Tim Bliss at the National Institute for Medical Research, London, he joined the University of Haifa.

Combining behavioural, electrophysiological and biochemical approaches, Prof. Richter-Levin’s research examines the role of emotional and amygdala activation in memory formation, and the effects of stressful experiences in early life on cognitive and emotional abilities in adulthood. He has made major contributions to developing novel translational animal models of mood and anxiety disorders, as well as towards the understanding of the role of emotional and amygdala activation in traumatic memory and depression.

THE GENE REGULATION IN DEVELOPMENT LABORATORY

This laboratory, at the Department of Marine Biology in the Leon Charney School of Marine Sciences, studies the beginning of cell formation. A single cell, the fertilized egg, gives rise to a tremendous diversity of cell types that create the various tissues and organs that eventually form the adult body plan. Two fundamental questions being studied at the laboratory are: how is the information necessary for this diversity encoded and how are the genetic instructions executed? Dr. Smadar Ben-Tabou de-Leon and her colleagues are combining embryology, molecular biology, imaging, next generation sequencing, bioinformatics and mathematical modelling. The research has important implications for healthy cell development and broader health issues.
PORT CAMPUS

The University’s Port Campus, located in Haifa’s downtown neighbourhood, opened in March, 2009. The campus includes courses from the Department of Occupational Therapy, the Graduate School of Creative Arts Therapies, the Cheryl Spencer Department of Nursing, the Centre for Tourism, Pilgrimage and Recreation Research, the Division of Continuing Education and Extension Studies, and the Pre-Academic Unit.

MIVCHAR ACADEMIC COLLEGE IN B’NEI BRAK

As a pluralistic institution that aims to make academic excellence in higher education available to all sectors of the population, the University of Haifa provides academic opportunities for the ultra-Orthodox at its college in B’nei Brak. The College provides bachelor’s degree programs in the fields of occupational therapy, social work, and nursing. The University also conducts a pre-academic program for the ultra-Orthodox in B’nei Brak which feeds the College.

UNIVERSITY OF HAIFA-ORANIM FACULTY OF NATURAL SCIENCES

The Oranim branch of the University is a division of the Faculty of Natural Sciences and provides BSc and teaching diploma studies in biology, mathematics, physics, and computer science. The division’s academic faculty comprises leading researchers who are committed to advancing study and excellence in their respective fields.

ICCIC - ISRAEL CLIMATE CHANGE INFORMATION CENTRE

The ICCIC, established by the Ministry of Environmental Protection and headed by the University of Haifa, addresses the need to understand the effects of climate change in Israel and how to deal with it. The Centre gathers and coordinates the scientific and technological knowledge available in seven areas: regional climatic forecasting, impacts of climate change on the water sector, urban planning and building, public health, biodiversity, the economy, and regional geo-strategic issues. The data informs policy-making and contributes to national planning for adaptation to climate change.
The Elizabeth and Tony Comper Foundation is proud to support this evening’s Canadian Friends of Haifa University “TRAILBLAZERS” Event to inspire young professionals and entrepreneurs
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- excerpt from *The Magna Man*, the autobiography of Frank Stronach, founder of Magna International Inc. and The Stronach Group
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With best wishes
from
Israel Mida and Laura Walsh