A MESSAGE FROM LEADERSHIP

Full steam ahead following another productive year

Dear Friends of CFHU,

Almost 75 years ago, in 1944, Allan Bronfman helped establish Canadian Friends of Hebrew University. A lot has happened since then. As the organization has evolved, so too has the meaning of the word “friend.” It has expanded over time to reflect changes in the way we communicate. Informally, it’s now also used as a verb, meaning to add someone to a list of contacts.

At Canadian Friends of Hebrew University, we have been very active over the past year helping the university add to its list of contacts; friending several local institutions, creating vibrant partnerships for advancing research and scholarship and, most importantly, creating a bond between Israeli and Canadian academics, students and lay people that grow into lasting friendships.

Just as the word “friends” has evolved, so too has our role as institutional partners, working to contribute to the development of Israel’s leading academic institution. Hebrew University co-founder Albert Einstein noted, "A university is a place where the universality of the human spirit manifests itself. Science and investigation recognize as their aim the truth only. It is natural, therefore, that institutions which serve the interests of science should be a factor making for the union of nations and men."

We are proud to have been catalysts and philanthropic supporters of great unions over the past year that include:

• Four joint research projects in neurobiology from IMRIC (Institute for Medical Research Israel-Canada) in collaboration with the Montreal Neurological Institute (MNI) of McGill University. Grants were given for studies that included the role of sensory processing using mouse models and how spinal cord structural plasticity affects chronic pain.

• Hebrew University and the University of Toronto formalized an agreement that promotes and facilitates a joint doctoral exchange program for PhD students in a variety of disciplines.

• HU Professor Yaakov Nahmias is working with the Vancouver-based Rick Hansen Institute on bio-engineering solutions for medical challenges relating to spinal cord injuries.

In a more personal way, CFHU helped forge incredible friendships when Goni Ketain Meir and Haya Abu Kishek, two Master’s students from HU’s School of Social Work, came to McGill as part of a philanthropically funded fellowship exchange program. These two women come from different ethnic backgrounds in Israel and would likely never have had the opportunity to interact, let alone become close friends, if not for this program. It trains students to return to the Middle East to help empower citizens from disadvantaged backgrounds to create positive community practices and provide access to social aid.

We can all feel very proud of programs like these that helped HU rank as the leading university in Israel in 2018. We could say impressive beyond measure – but there are measurements – internationally HU is ranked 95th in the world, with mathematics ranking in 21st place, and law in 36th. With more than 100 research centres, 3,800 research projects and six affiliated medical institutions, HU has more than one-third of all PhD students in Israel and houses 43% of Israel’s biotechnology research. That is measurably impressive!

As Friends, we help make this all happen, and we look forward to celebrating these accomplishments and continuing our great work in the years to come.

This 2018 Annual Report reflects our appreciation of your ongoing support for our organization and Hebrew University.

Rami Kleinmann
President and CEO

Monette Malewski
National Chair

Monette Malewski
National Chair
ON THE CALENDAR
Spotlighting events CFHU hosted across the country in 2018

TORONTO

A Taste of Jerusalem – January 11
HU student ambassadors Daniel and Orit Tor brought a taste of Jerusalem to Toronto, presenting a special event dedicated to Israel's innovative food scene. Daniel, a former chef at Jerusalem's Machane Yehuda, one of Israel's top-rated restaurants, exhibited his culinary talents, preparing a multi-course dinner showcasing traditional Israeli dishes created with a modern twist. Spearheaded by Toronto Board member and CFHU alumnus Adam Cooper, the event was graciously hosted by fellow HU alumnus Tracey Bierstock Wilder.

2018 Madness Kickoff Party - March 7
Organized by CFHU’s Madness Tournaments Committee led by co-chairs Rhonda Ronson and Karen Goldstein, the Tip-Off Madness Party attracted more than 100 people to the Drums N Flats sports bar for the annual launch event to help kick off the 2018 online sports tournaments fundraising campaign. Funds raised went to support Hebrew University’s cutting-edge mental health disorder research.

Screening of In Search of Israeli Cuisine – March 21
At Beth Tikvah Synagogue, CFHU hosted a screening of In Search of Israeli Cuisine, an award-winning documentary film that presents a captivating portrait of Israelis as told through their food. The event included a special Q&A session with the film’s director, Roger Sherman, a raffle for copies of Israeli chef Michael Solomonov’s Zahav cookbook and delicious Kosher treats prepared by HU alum and Israeli culinary explorer Galya Samer.

Revealing Prototype of Genius: 100 Visions of the Future 3D Printed Book - May 16
World-renowned London-based artist and designer Ron Arad joined CFHU at the home of art collectors Liora and Simon Yakubowicz to unveil the prototype of the world’s first-ever 3D printed book, Genius: 100 Visions of the Future. Ron, who designed the book, spoke about the creative process that made it possible. Three Genius 100 Visionaries who contributed essays to the book also took part: Amal Elsana El’Hajooj, Johann Koss and Julie Toskan.
TORONTO

The Ruth Farb Charity Golf Classic – August 1
CFHU and Pancreatic Cancer Canada held the 8th Annual Ruth Farb Charity Golf Classic at the beautiful Lebovic Golf Club just outside Toronto. Proceeds from the day-long event, which included 18 holes of golf, lunch and a gourmet dinner, support ground-breaking collaborative pancreatic cancer research in Ruth Farb's honour. World class researchers and clinicians from Canada and Israel have joined forces to study one of the toughest cancers to treat.

Producer Gil Feldman on Israel's Contemporary Music Scene - Sept. 16
In the first of CFHU's series, Israeli Trailblazers in Conversation, leading Israeli music producer Gil Feldman gave an insightful presentation about his country's musical performers at the home of Karen and Harry Rodomski. In a lively Q&A with CFHU's Robert Sarner, Gil drew on his rich experience of having worked with most of Israeli most successful singers over the past 20 years. He also played several songs to better illustrate the points he touched on.

Israeli Theatre Takes Centre Stage at CFHU Event – Sept. 20
Moshe Kepten, the award-winning Artistic Director at Israel's acclaimed Habima National Theatre in Tel Aviv, took part in the second evening in CFHU's series, Israeli Trailblazers in Conversation, at the home of Yael and Oz Cohen. In an engaging Q&A, Moshe spoke about current trends in Israeli theatre and other issues pertaining to the country's cultural scene, which he knows well as the former Director of the annual Israel Festival. He also showed video highlights from major stage productions from recent years.

Addressing Major Legal Issues in Israel – Oct. 18
As part of the Israeli Trailblazers in Conversation series, Hebrew University's highly esteemed law professor Ruth Gavison presented an enlightening view on several legal issues, especially the country's controversial Nation State Law approved a few months earlier by the Knesset. During a spirited Q&A with CFHU's Robert Sarner, Prof. Gavison, a former nominee for Israel's Supreme Court, also discussed the impact of Israel not having a constitution and whether the idea of Israel being a Jewish and democratic state is a contradiction in terms.

MONTREAL

Israel's 70th Anniversary - Love Fest - April 19
As part of the city's annual salute to Israel on its birthday, CFHU helped host an event to celebrate the 70th anniversary of the Jewish state's independence. The multi-cultural Israel Day parade and rally downtown attracted more than 10,000 people – Jews, Christians and all faiths – who enjoyed live music, prizes, dancing and appearances by local notables from all levels of government in a festive tribute to Israel's milestone.

HU's Prof. Amir Amedi Presents 'Eye Cane' to Help the Blind - May
In a series of intimate events in local homes, CFHU invited HU Prof. Amir Amedi to demonstrate a remarkable device he helped develop known as the EyeCane. In the home of Lisa Modell and Gideon Pollack as well as that of Irene and Stephen Lipper, Dr. Amedi gave participants the opportunity to use the small flashlight-like invention which uses components that translate distance into sound and vibrations. The unique functionality of the cane allows those afflicted with blindness the ability to see through sensory transformation.

CFHU National President Hosts Bedouin Leader Dr. Amal El-Sana - July 16
National President Monette Malewski hosted a wonderful evening at her home, welcoming guests who had an opportunity to meet with Genius: 100 Visionary and Nobel Peace Prize nominee Dr. Amal El-Sana. Dr. El-Sana leads the ICAN (International Community Action Network) program at McGill University which brings students from Israel and elsewhere in the Middle East to McGill to study Social Work. The event offered guests a chance to hear about Dr. EL-Sana's personal story of growing up as the fifth of 12 children in a traditional Bedouin family in a highly patriarchal community in Israel's Negev region and how she became a champion of Bedouin women's rights.
CFHU Hosts 3rd Annual Hockey Madness Game - March 21
For the third year in a row, and led by HU alumnus Daniel Wosk, a mix of new and continuing supporters of Hebrew University came together to play hockey in support of CFHU’s Einstein Legacy Student Scholarships. As a result of solid teamwork, both on and off the ice, this game has developed into an annual tradition that attracts more participants each year.

Prof. Menahem Ben-Sasson Sheds Light on the Aleppo Codex - May 5
At Congregation Beth Israel, Hebrew University Chancellor Menahem Ben-Sasson gave a fascinating presentation on the Aleppo Codex. Written in the 10th century CE and endorsed for its accuracy by Maimonides, the codex is the oldest and most complete text of the Hebrew Bible. Prof. Ben-Sasson, former HU president, revealed the history of the manuscript at the event organized by CFHU Western Region.

Exploring the Creative Spirit Behind Israel as the Can-Do Nation - June 27
At the Vancouver Israeli Tech forum, CFHU hosted former longtime Israeli diplomat and branding consultant Ido Aharoni to speak about what’s behind the global success of Israeli innovation. In his presentation, Ido discussed the characteristics of Israelis and circumstances in which they live that contribute to Israel being one of the great start-up countries and can-do nations of the world.
VANCOUVER

An Evening in Honour of Dr. Saul Isserow - June 28
CFHU Western Region, in collaboration with the Vancouver General Hospital and the UBC Hospital Foundation, held a special event at the Landmark Aviation Hangar in tribute to leading cardiologist Dr. Saul Isserow and his many contributions to the community. Participants raised more than $3 million to support two initiatives – the Sports Cardiology clinic at UBC Hospital and the Inspired by Einstein student scholarship program at Hebrew University.

CFHU Coordinates Visit of HU Professor to Rick Hansen Institute – October 10
Professor Yaakov Nahmias, Director of Hebrew University’s Alexander Grass Center of Bioengineering, visited the Rick Hansen Institute (RHI) to meet with members of its interdisciplinary team as part of their work on spinal cord injuries (SCIs). A founder of Israel’s BioDesign Program at HU involving nanotechnology-based diagnostic devices, Prof. Nahmias has been collaborating with the RHI to develop revolutionary tools for people with SCIs.

OTTAWA

Students Help Launch Ottawa Scholarship Fund - April 29
At a special event at the Canada Science and Technology Museum, the Ottawa Chapter of CFHU launched the Ottawa Scholarship Fund in support of Israel Defense Forces (IDF) reserve duty soldiers studying at Hebrew University. Prof. Amir Amedi, a leading brain researcher at HU, spoke about brain plasticity and how music can help blind people see. Later in the evening, four students shared inspiring stories from their time as reserve duty soldiers in the IDF and their experiences in academia.

HU Student Ambassadors Host Series of Events - Spring
During the spring months, Ottawa-based student ambassadors Daniel and Orit Tor hosted several events in connection with Hebrew University and CFHU. The intimate events, held at Daniel and Orit’s home in the Canadian capital, included Shabbat dinners, featured Israeli food. The evenings were part of the couple’s outreach efforts focusing on students and young professionals.

WINNIEPEG

City Sends Largest Student Group to Mishpatim Program at HU – May 2 - 24
In 2018, due to efforts in Winnipeg led by CFHU and its leadership, the biggest student contingent ever from Canada, mostly from the University of Manitoba (U of M), took part in the Mishpatim “Israel and International Law” program at Hebrew U. Created in 2011 by Dr. Bryan Schwartz, U of M’s Asper Professor of International Law, in conjunction with CFHU’s Winnipeg Chapter, the annual three-week academic law program receives full credit at seven Canadian law schools. The course focuses on constitutional and human rights law, international business and trade law and immigration and refugee law. In 2018, Dr. Schwartz, who continues to teach as part of the program, was again highly active volunteering countless hours on academic design and fundraising to make the course accessible to students of all means. Thanks in large part to support from the Winnipeg-based Asper Foundation, CFHU offers tuition assistance to many of the students.
CANNABIS MISSION
CFHU initiates educational trip to Promised Land of medical marijuana research and innovation

In the fall of 2018, CFHU organized its first Cannabis Mission to Israel, in particular to Hebrew University, home of the person widely considered the father of marijuana research. Led by Montreal Board member Neil Hazan, the four-day trip brought together people from diverse areas of Canadian business with a link to cannabis in some form. Their interest in the drug, which had just been legalized in Canada three weeks before the trip, stemmed largely from the growing recognition of its health benefits.

The visit offered participants an in-depth, up-close look at the convergence of agriculture, research, medicine, business and society as it relates to marijuana in the country which is a world leader in the medicalization of the drug.

One of the highlights was meeting with HU’s Prof. Raphael Mechoulam, a pioneer in the study of medical cannabis. Having begun his work analyzing marijuana’s components in the 1960s, Prof. Mechoulam has received numerous scientific awards for his research and discoveries. He was the first to reveal the drug’s psychoactive ingredient, THC, and its structure of CBD, its non-psychoactive ingredient often used for medicinal purposes.

Mission participants, many of whom were visiting Israel for the first time, learned about advances in using CBD in the treatment of traumatic brain injury (TBI), the leading cause of death in young people. Researchers at HU’s Multidisciplinary Center on Cannabinoid Research showcased their work and explained how the drug is used for treating many other conditions such as obesity, mental illness (including depression), chronic pain and brain disorders (including Alzheimer’s, epilepsy and Parkinson’s), to name just a few.

Other sessions involved HU professors from different faculties connected to cannabis research, including the faculties of pharmacy, agriculture and law, and senior figures from the Health Ministry. Mission delegates also visited HU’s technology transfer company, Yissum, which, in its role as a bridge between cutting-edge academic research and a global community of entrepreneurs, investors and industry organizations, is exploring startup connections in the cannabis industry.

LIVE AND LEARN 2018
CFHU trip to Israel and the large Italian island of Sicily provides food for the soul and much more

As part of CFHU’s annual Live and Learn series, the 2018 trip went to Europe and Israel. Accompanied by Hebrew University professor Rachel Elior, the European portion explored the rich Jewish history of Sicily which dates back nearly 2,000 years. The itinerary included Palermo, Agrigento, Catania, Siracusa and Taormina, each town with its own uniqueness and beauty. Highlights included the ancient mikvah in Siracusa, and the mountain town of Agira with its synagogue remains and the stone portal of an ancient Aron Hakodesh presently housed in an actively-used church.

In Israel, the group looked through the Hebrew University window into the rich tapestry of research, technology and diversity for which the university’s impact on Israeli society is so well known. Participants attended a fascinating session on cyber security with Professor Danny Dolev and an informative, thought-provoking lecture by Professor Yaakov Nahmias. The opportunity to discuss diversity on campus with two experts, Professor Mona Khoury-Kassabri, Dean of the School of Social Work, and Professor Michal Barak, Director of the Centre for Multiculturalism, and then to hear from a group of talented Haredi students, made for an engaging experience still remembered and discussed when participants get together back in Canada.

And no one will forget the trip to the southern Negev desert where the group encountered the one day of rain local residents had all year, making the planned unique cookout lunch impossible. In addition to food for the soul, participants also experienced the best of Israeli cuisine at wonderful dinners in Jerusalem and Tel Aviv. Definitely an exceptional experience for all.
In March, CFHU’s Western Region chapter organized a new initiative that brought Canadians to Israel for an original five-day excursion on the country’s National Trail (Shvil Israel). Led by Ami Dotan, a Hebrew University graduate and professional tour guide who’s an expert on the trekking route, participants got to see Israel in a different way than most visitors do. Adding to the experience, the hike included encounters with veteran and new Israelis in the towns along the route, various HU alumni and former members of the IDF’s Unit 669 (the special forces search and rescue unit) that joined the walk. All provided an interesting opportunity for great conversation and a better understanding of the region. National Geographic calls the Israel National Trail “one of the holy grails of hikes.” It stretches 1,100 kilometers from the north to the south of the country. As it would take far too long to walk the entire length of the route, Ami selected the segment of the trail that extends between the Negev town of Mitzpe Ramon, and the resort town of Eilat in Israel’s southern tip.
**SCHOLARSHIPS IN ACTION**

*A Canadian student reflects on her time at HU*

Stephanie Kirk, a resident of Vancouver, BC, received a Ronson Family Student Scholarship to study at Hebrew University in the summer of 2018. She participated in the Coexistence in the Middle East program and later shared her impressions with CFHU.

“The Ronson Family Scholarship allowed me to take part in the Coexistence in the Middle East program. It focused particularly on the relationship between Israelis and Palestinians by using key areas of conflict such as religion to promote tolerance and reconciliation. This program was different from others I’ve participated in as it was highly interactive. We went on many field trips to see and hear first-hand perspectives.

Studying at Hebrew U was incredible as it allowed me to experience a culture in Israel different from my own, and understand both sides of the Israeli-Palestinian conflict on a deeper level than from reading books in Canada. My experiences also gave me new skills, like the ability to identify and listen for someone’s needs when they are sharing traumatic and painful events. These skills are highly relevant to my future goal of becoming a psychologist specializing in war-related trauma.

I’ve become more aware of the colonial impact and oppression of First Nations in Canada, and wrote a paper contrasting their experiences with the Palestinians. I’m so excited one of my professors is sharing it with Canada’s ambassador to Israel.

My Hebrew U experience was amazing. It stretched and grew me. Through it, my heart and compassion expanded for both sides. The assistance of CFHU and the Ronson Family made it possible for me, so thank you so much.”

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**SHOWING THE LOVE**

*CFHU initiates weekly tribute to Canadians who’ve studied at Hebrew U*

In 2018, in celebration of the 100th anniversary of Hebrew University’s founding, CFHU decided to showcase HU alumni in Canada in a novel way. It launched an ongoing online initiative called “100 Alumni We Love.”

Each week, on its website and its various social media platforms, CFHU features someone who was a student at HU. Each person expresses in his/her words the impact the university had on them and how it helped shape who they are today. Their post is usually accompanied by two photos – one of the person from his/her HU student days and the other a contemporary shot.

Collectively, the 100 Alumni We Love participants have made for an impressive gallery of highly accomplished men and women, and there are still lots more to come. The project is continuing throughout 2019 and beyond.

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**ADDING TO THE MADNESS**

*New co-chair brings his passion for HU to alumni-run fundraising effort*

Talk about a dynamic duo! When Mike Kraft joined fellow HU alumnus Lorne Persiko in 2018 as Co-Chair of the alumni-run online Madness fund raising sports tournaments, it was a wonderful development for CFHU’s efforts in this area.

Proceeds from the three online Madness tournaments (March Madness, Playoff Hockey Madness and Football Madness) support the Einstein Legacy Scholarships. Set up by families in Canada to honour the memory of loved ones in a meaningful way, the funds allow Canadian students to study at HU for a summer, a year abroad or a post-doctoral program.

Lorne and Mike, both of whom live in Toronto, first met at HU in 1982 while attending the one-year program at the Rothberg International School. Since then, they’ve been close friends and great supporters of CFHU. Both their families have set up their respective Einstein Legacy Scholarships.

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*100 ALUMNI WE LOVE*

**Day 3 of 100**

Benjamin Babins

Samuel Mosonyi

**Day 8 of 100**

Shonnie Benaroch

Tracy Wilder

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*Lorne Persiko  Mike Kraft*
showcasing impressive people, events and achievements at Hebrew University, the annual Board of Governors (BOG) week is always a captivating showcase for both Israeli and foreign HU supporters. Under the banner “100 Years of Knowledge,” the 2018 BOG gathering had an added distinction as it celebrated the centennial of the laying its HU’s cornerstones.

Highlights included a VIP appearance from Jerusalem mayor Nir Barkat; HUJI Talks with riveting speakers at the Dan Jerusalem Hotel; for the first time ever, an exclusive reception at Israeli President Reuven Rivlin’s official residence; a magical evening at the Tower of David Museum, featuring an interactive multimedia show projected on the Old City walls; and, as always, the university’s convocation ceremony on Mount Scopus for its doctoral candidates, also honouring the university’s 2018 Honorary Doctorates, and Bublick and Rothberg Prize recipients.

Another HU milestone in 2018 was the 75th anniversary of the Robert Smith Faculty of Agriculture, Food and Environment. To mark the occasion, the BOG’s closing event took place at HU’s Rehovot campus, boasting a festival-type atmosphere with live music, dancing, food and lots of excitement.

Of particular interest to Canadian attendees, HU conferred upon prominent Ottawa lawyer Dr. Stephen Victor the degree of Doctor Philosophiae Honoris Causa, the university’s highest accolade. HU recognized him for being “an extraordinary example of an outstanding professional and community leader reflected in the wide variety of professional and community roles” he’s undertaken during his life.

A former National President of CFHU, Stephen has devoted considerable time and resources to Israel and the Jewish people. He also served as Executive Director of the Jewish Community Council of Ottawa/Vaad Ha’Ir (now the Jewish Federation of Ottawa) and was the former Chair of the Canada-Israel Committee.

Another highlight for Canadian guests was the annual CFHU dinner for Canadian friends of Hebrew University. Held at the Israel Museum in Jerusalem, the evening featured special guest speaker HU professor of Medicinal Chemistry Raphael Mechoulam, widely known as the father of research into medicinal cannabis.
n July 26, 2018, on the 100th anniversary of the laying of Hebrew University’s cornerstones, HU held its inaugural Giving Day. Featuring video messages in support of the day from high-profile personalities, such as Hollywood actor James Caan and cousin of HU co-founder Albert Einstein, Karen Cortell Reisman, it was the first time a higher education institution conducted such a global fundraising campaign.

In a 24-hour period, HU alumni, parents, friends, faculty and staff from six continents raised funds for another 100 years of knowledge and innovation. The digital campaign generated more than $1.1 million (US) from nearly 600 donors in 16 countries, including $105,000 (CAD) raised by CFHU. At Hebrew University itself in Jerusalem, the day proved particularly festive and animated, as reflected in the photos on these two pages.
FORGING AHEAD

Hebrew U never stops. True to form, it continued to break new ground with achievements in many fields. Here’s a small sampling.

• In 2018, HU researchers developed a way to create drug capsules using 3D printers that help pave the way for pills tailored to perform better than conventional capsules.

• In 2018, HU’s Yissum concluded 25 licensing agreements in the field of cannabis, accounting for 10% of the year’s total licensing volume. HU is one of the world’s leading academic institutions in cannabis-related research and patents.

• In 2018, HU’s Dr. Yaakov Nahmias demonstrated, by separating young and old yeast cells, that the ability to remove malformed proteins diminishes as yeast ages. He concluded that signs of aging could occur in humans as early as the onset of puberty.

• In 2018, HU researchers proposed a new treatment for glioblastoma that could improve and lengthen patients’ lives. Lead researcher Prof. Rotem Karni and doctoral student Maxim Mogilevsky designed a molecule that inhibits glioblastoma tumor growth by regulating the proteins it produces.

• In 2018, Jerusalem-based academic institutions, including Hebrew University, received $5.4 million (US) from Israel’s Council for Higher Education to establish an entrepreneurship and innovation center in downtown Jerusalem.

• In 2018, HU led an international study on how food affects brain health in people above age 50. Among the foods proven to prevent dementia are: blueberries (not just the juice), healthful fats (as in olive oil), nuts (in small amounts to avoid excess calories) and fish.

• In 2018, HU scientists found a way to generate an atlas of the human genome using a state-of-the-art gene editing technology and human embryonic stem cells, illuminating the roles our genes play in health and disease.

• In 2018, HU physicists created technology to enable computers and optic communication devices to run 100 times faster through terahertz microchips. Until now, two major challenges stood in the way of creating terahertz microchips: overheating and scalability.

• In 2018, HU archaeologist Dr. Eilat Mazar uncovered a rare treasure trove of bronze coins from the time of the Jewish revolt against the Romans more than 1,900 years ago. He discovered them at the Ophel excavation in Jerusalem’s Old City, below the southern wall of Temple Mount.

• In 2018, HU led a team of physicists that developed a novel machine-learning algorithm that analyses large data sets describing a physical system and extracts from them the essential information needed to understand the underlying physics.

• In 2018, Prof. Mona Khoury-Kassabri was appointed Dean of the HU’s School of Social Work. Having overcome adversity growing up in Haifa, she is the first Arab woman to be appointed dean at HU, and is the only Arab woman to serve in such a capacity at any university in Israel.
DISCOVERIES AND OTHER FEATS

The boundless pursuit of knowledge of Hebrew University faculty leads to revelations in many fields. Herewith a few from 2018.

Why a Friendly Relationship with the Boss Might Cost You

Following research he conducted, Hebrew University professor Shoham Choshen-Hillel concluded having a friendly relationship with your boss can hurt your chances of a bonus. The study, published in the Journal of Experimental Social Psychology, finds bosses are eager to appear impartial and often avoid selecting a friend for a bonus, even if he/she is the most deserving. Prof. Choshen-Hillel says the fear of being charged with favouritism can cause a boss to “throw high-performing friends under the bus.” During an experiment in which participants selected someone to receive a bonus, they chose an outstanding employee 88% of the time. This same worker was the recipient of a bonus only 27% of the time when described as a friend of the boss.

Celebrating the 70th Anniversary of the Discovery of the Dead Sea Scrolls

In 2018, Hebrew U. marked 70 years since uncovering the Dead Sea Scrolls. Widely considered the most important archeological find of the 20th century, the Dead Sea Scrolls shed light on Jewish life during the time of the Second Temple. To commemorate this milestone, experts from around the world travelled to Jerusalem to participate in a conference organized by HU’s Orion Center for Study of the Dead Sea Scrolls, along with the Israel Antiquities Authority, the Israel Museum’s Shrine of the Book, the University of Vienna and New York University. The conference highlighted the archeological heritage of the Israel Antiquities Authority, the Israel Museum’s Shrine of the Book, the University of Vienna and New York University. The conference highlighted the archeological heritage of the Judean Desert, where the Scrolls were found, and presented new findings in the study of these ancient documents.

On the Lookout for Something to Eat? Ask These Worms

HU’s Dr. Alon Zaslaver reveals the complex neurological calculations that animals – even those as simple as worms – rely on to find food. A worm pursues a scent using derivative calculations, a mathematical process often used to measure the rate of change and values of functions. When a worm calculates a negative derivative, it knows it’s moving farther from the scent, while positive means the opposite. The two-sense mechanism first detects a scent and then uses calculated derivatives to find the fastest route toward it. Using just these two neural cells, a worm can perform critical calculations and find food. Humans have over 100 billion neural cells, outlining the efficiency of a worm’s two neural cell system.

Small Particles, Big Storms

Man-made, small particle emissions have a greater impact on weather and climate change than once thought. Prof. Daniel Rosenfield and other HU scientists conducted research in the Brazilian Amazon on the effects of ultrafine particles, such as emissions from cars, in the formation of rainclouds and storms. Prior to the study only larger particles had been observed as factors influencing weather and climate change. Prof. Rosenfield’s research, published in early 2018, found that small particles have a similar impact. The research suggests mankind has altered rainfall and weather in densely-populated tropical areas, leading to heavier downpours in affected areas that often cause soil erosion and crop damage.

Breakthrough in Nanoscience Discovered on Flight to Israel

Three professors, including Uri Banin, founder of HU’s Center for Nanoscience and Nanotechnology, made a breakthrough in nanoscience. It started when a friend of one of the professors mailed him large nanoparticles which had shrunk by the time they arrived by plane in Israel from the United States. From this, the professors deduced that the particles had transformed during the flight due to moisture in the plane’s cargo bin. This shift in the structure of molecules is called isomerization. They found that tiny particles can switch back and forth between phases, bridging the missing link between bulk phase transitions and molecular isomerization. The ability to manipulate nanoparticles into changing from one state to another will be applied in the future and can lead to significant new discoveries.

Tylenol Use During Pregnancy May Increase Risk of Autism and ADHD

Dr. Ilan Matok and his team at HU’s Institute for Drug Research found that taking acetaminophen (Tylenol) during pregnancy can cause a small increase in autism, attention deficit hyperactivity disorder (ADHD) and other hyperactivity disorders in children. In the first-ever meta-analysis and comprehensive study on this topic, Dr. Matok and his team tracked 132,738 mother-child pairs over the course of three to 11 years. They found the figures for increased risk of these disorders were higher for women who exceeded the average exposure to acetaminophen during their pregnancy. Although this medicine is commonly used during pregnancy, it has been linked in recent years with harmful effects, such as asthma, testicular toxicity and neuro-developmental disorders. Despite these risks, women still take Tylenol while pregnant to fight fevers which can also be detrimental to their developing fetus.
STRENGTH IN NUMBERS
A statistical portrait of Hebrew University as of 2018

HEBREW U
BY THE NUMBERS

- 23,500 STUDENTS
- 600 COMMERCIAL PRODUCTS
- 9,826 PATENTS COVERING 2,753 INVENTIONS
- 880 TECHNOLOGIES LICENSED
- 1 FIRST-PLACE FINISH IN WORLDWIDE RANKING FOR MATHEMATICS

- 973 RESEARCHERS
- 220 POSTDOCTORAL RESEARCHERS FROM 25 COUNTRIES
- 100+ RESEARCH CENTERS AND 6 AFFILIATED MEDICAL INSTITUTES
- 200+ MAJORS AND PROGRAMS

- 14 SCHOOLS
- 6 CAMPUSES
- 5,000 COURSES

- 2,000 STUDENTS FROM 90 COUNTRIES ATTEND THE ROTHBERG INTERNATIONAL SCHOOL
- 2,000 COMMERCIAL PRODUCTS
- 9,826 PATENTS COVERING 2,753 INVENTIONS

- 14 WOLF PRIZES
- 46 EMT PRIZES
- 100 ROTHSCILD PRIZES
- 294 ISRAEL PRIZES

- 208 AGREEMENTS WITH PARTNER UNIVERSITIES IN 37 COUNTRIES
- 120 SPIN-OFF COMPANIES
- 208 STUDENT EXCHANGE PROGRAMS WITH 95 ACADEMIC INSTITUTIONS IN 24 COUNTRIES

- 8 NOBEL PRIZES
- 100+ RESEARCH CENTERS AND 6 AFFILIATED MEDICAL INSTITUTES
- 200+ MAJORS AND PROGRAMS

- 600 COMMERCIAL PRODUCTS
- 9,826 PATENTS COVERING 2,753 INVENTIONS
- 880 TECHNOLOGIES LICENSED
- 1 FIRST-PLACE FINISH IN WORLDWIDE RANKING FOR MATHEMATICS
A PASSION FOR PURSUING KNOWLEDGE

Eight men and women who together reflect the diversity of the Hebrew University community and the work being conducted there

My dream is to chart which features distinguish one person's DNA from another's, enabling personalized care for cancer patients. Finding a cure lies in the nexus of this new field of computational medicine where I can harness my skills as a computer scientist and a bioinformatics pioneer. At Hebrew University, by combining the best minds from the fields of medicine, life sciences and computer science, we can really make a difference.

- Dr. Benjamin Berman, Department of Developmental Biology and Cancer Research, Faculty of Medicine

I feel lucky to be part of the collaborative and supportive ELSC family. In my lab, we use innovative technologies to explore the brain at unprecedented resolution and to study aging-related brain diseases such as Alzheimer's. I believe our new approach to studying the brain will greatly impact our understanding of Alzheimer’s and aging, and can lead to effective therapeutic strategies.

- Dr. Naomi Habib, Cognitive Decline and Resilience Lab, Safra Center for Brain Sciences

"I love being a role model for the 8th-grade girls to whom I teach programming though Queen Bee at the Safra Campus. This unique program, founded by HU graduates, builds self-confidence and encourages women to pursue a Computer Science degree and a high-tech career. Jerusalem has so much potential as the hub of the Startup Nation, as long as we work to inspire the next generation of computer scientists."

- Mohr Wenger, Cognition and Computer Science undergraduate

"I'm very happy to be back in my hometown of Jerusalem after my graduate and post-doc work at Princeton and Harvard. My research investigates the way colonial legacies of law and administration shape the state and how bureaucracy hinders political change, focusing on the British Empire. I believe that my duty as an academic is not only to contribute to world-class research but also to public discourse, policy and to excellent, critical teaching that promotes democracy and equality."

- Dr. Yael Berda, The Department of Sociology and Anthropology

"I use cutting-edge technologies to determine the origin of archaeological metals and other materials to help us understand ancient civilizations. We're at a unique time in history where we can leverage modern, state-of-the-art technology to unearth what for generations remained mysteries. It allows me to scientifically analyze ancient technologies to shed light on the commercial, political and social behaviour of Near Eastern societies."

- Dr. Naama Yahalom-Mack, Institute of Archaeology

"By bringing our Bachelor’s and international Master’s students to the field, I hope to 'fertilize' their academic knowledge with hands-on experience and expose them to farming from different cultures. We invite local elderly Ethiopian Jews, previously farmers for generations, to share this field with our students so they can grow their own food again. In our joint garden, the young and old sow, harvest and laugh side-by-side. This cross-generational multicultural empowerment brings tears to my eyes."

- Prof. Alon Samach, Robert Smith Faculty of Agriculture, Food and Environment

"My choice to study law – in Hebrew – was risky as Arabic is my mother tongue. Though, at first, I was intimidated to participate in class, Project Nurture, which supports non-native Hebrew speakers, gave me the language skills I need to succeed, and I'm overcoming my fears. Thanks to my tutor, I'm getting help with assignments, gaining self-confidence and feeling comfortable speaking and writing Hebrew."

- Lina Tabari, Law undergraduate

"Studying at Hebrew University is a fantastic experience. Not only do I get to study Chinese philosophy with a world-renowned scholar of Chinese Studies but I get to do it in this holy place, with its intimate, multicultural character. These factors, including the university's high academic standards, all contribute to a superb exchange experience."

- Chen Zhengxing, Exchange student, PhD candidate
## THE FINANCIALS
A look at CFHU’s essential figures

### ASSETS

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash</td>
<td>$ 3,226,777</td>
<td>$ 2,131,976</td>
</tr>
<tr>
<td>State of Israel Bonds</td>
<td>33,402</td>
<td>35,796</td>
</tr>
<tr>
<td>Managed Funds</td>
<td>58,997,354</td>
<td>59,431,377</td>
</tr>
<tr>
<td>Other</td>
<td>862,957</td>
<td>722,349</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>63,120,490</strong></td>
<td><strong>62,321,498</strong></td>
</tr>
</tbody>
</table>

### LIABILITIES

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounts payable</td>
<td>1,591,798</td>
<td>1,291,530</td>
</tr>
<tr>
<td>Deferred revenue</td>
<td>283,851</td>
<td>48,618</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>1,875,649</strong></td>
<td><strong>1,340,148</strong></td>
</tr>
</tbody>
</table>

### FUND BALANCES

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Managed Funds Only</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fixed Income</td>
<td>10,578,588</td>
<td>11,329,603</td>
</tr>
<tr>
<td>Equities</td>
<td>29,890,415</td>
<td>29,797,902</td>
</tr>
<tr>
<td>Multi-strategy and real assets</td>
<td>18,528,351</td>
<td>18,303,872</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$ 58,997,354</strong></td>
<td><strong>$ 59,431,377</strong></td>
</tr>
</tbody>
</table>

### INCOME STATEMENT

#### REVENUES

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Donations</td>
<td>$ 6,599,921</td>
<td>$ 4,248,824</td>
</tr>
<tr>
<td>Investment Gain</td>
<td>5,130,581</td>
<td>7,875,201</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>11,730,502</strong></td>
<td><strong>12,124,025</strong></td>
</tr>
</tbody>
</table>

#### EXPENDITURES

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Expenditures</td>
<td>5,229,701</td>
<td>7,499,438</td>
</tr>
<tr>
<td>Charitable Distributions</td>
<td>6,237,310</td>
<td>5,596,412</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>11,467,011</strong></td>
<td><strong>13,095,850</strong></td>
</tr>
</tbody>
</table>

#### Excess Deficiency of Revenues Over Expenditures

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>$ 263,491</strong></td>
<td></td>
<td><strong>$ -971,825</strong></td>
</tr>
</tbody>
</table>

#### Charitable Distributions

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hebrew University</td>
<td><strong>$ 5,978,213</strong></td>
<td><strong>$ 5,427,189</strong></td>
</tr>
<tr>
<td>Canadian Universities and Foundations</td>
<td>5,878</td>
<td>12,664</td>
</tr>
<tr>
<td>Scholarships, Research Grants and Other Academic Affairs</td>
<td>253,219</td>
<td>156,559</td>
</tr>
</tbody>
</table>

### Fixed Income, Equities, Multi-strategy & Real Assets

<table>
<thead>
<tr>
<th></th>
<th>2018</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>$ 58,997,354</strong></td>
<td></td>
<td><strong>$ 59,431,377</strong></td>
</tr>
</tbody>
</table>
**HISTORIC CAMPAIGN LAUNCHED**

*New seven-year initiative to have major impact on future of HU*

Hebrew University, with support from CFHU and other Friends organizations around world, has embarked on an ambitious fundraising plan whose objective is to reinforce HU’s standing as Israel’s leading academic institution well into the future.

Announced in June 2018, HU leaders made the commitment to raise $1 billion over a seven-year period. The duration of the campaign was chosen to echo the seminal time span from the laying of the university’s cornerstone in 1918 until construction was completed in 1925.

The campaign, whose theme is A Tradition of Innovation, will generate the means to help faculty and students remain at the forefront of research and scholarship by boosting the human side and strengthening infrastructure.

In preparing the campaign, the university consulted with all its faculties and research institutes on the most pressing needs. It then identified strategic priority areas (SPA) to which funds raised would be directed to best ensure that HU continues to be a leader in the pursuit of knowledge as it addresses the challenges of the 21st century.

The seven SPAs are labeled Human Health; Global Collaboration; Sustainable Planet; High-Tech Jerusalem; Leadership for Tomorrow; Better World; and Building Capacity.

**CANADIAN FRIENDS OF HEBREW UNIVERSITY**

Founded in 1944, Canadian Friends of Hebrew University (CFHU) is dedicated to supporting Hebrew University and helping it remain one of the most respected centres of higher learning in the world. To that end, it raises funds and facilitates research partnerships and academic exchanges between Canadian universities and HU. Since its inception, CFHU has raised more than half-a-billion dollars, bestowing academic scholarships to more than 50,000 Canadian and Israeli students.

Serving communities in Montreal, Ottawa, Toronto, Winnipeg, Edmonton, Calgary and Vancouver, CFHU seeks to bring value to its donors in exciting, relevant ways that not only generate financial support but also enrich the lives of students, faculty and visitors to the university.

Inspired by HU co-founders Albert Einstein, Martin Buber, Chaim Weitzman and Sigmund Freud, CFHU showcases the university’s significant role in Israel and how its ground-breaking work in all fields contribute to humanity around the world. As part of that process, CFHU organizes quality educational programs and events, often featuring highly esteemed members of HU’s faculty.

**INSTITUTE FOR MEDICAL RESEARCH ISRAEL-CANADA (IMRIC)**

Conceived in 2009 by CFHU which has supported it ever since, IMRIC brings together Israel’s and Canada’s most brilliant scientific minds to find solutions to the world’s most serious medical problems through a multidisciplinary approach to biomedical research. CFHU assists IMRIC through direct funding and by developing key collaborative medical research partnerships between Canada and Israel.

- For more information, please visit [www.cfhu.org](http://www.cfhu.org) and [www.imric.org](http://www.imric.org) and follow us on social media
CFHU’S WINNING TEAM
Presenting the men and women whose shared passion for Hebrew University is at the heart of the organization’s success

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Lazar Danisinger
Manager, Stewardship and Legacy Gifts

Mohammad Abdulkader
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Kris Krechynski
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Jennifer Hirsh
Executive Assistant to Monette Malewski, President and CEO

LEADERSHIP 2018
The people whose vision, values and commitment guide CFHU forward

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