“I know of no public event which has given me such delight as the proposal to establish a Hebrew University in Jerusalem”

Albert Einstein, April 1921
“The university, whilst trying to maintain the highest scientific level, must, at the same time, be rendered accessible to all classes of the people…the doors of our libraries, lecture rooms and laboratories must be opened widely to them all”

Chaim Weizmann, at the laying of the cornerstones of the Hebrew University on Mount Scopus 24 July 1918

The British Friends have been part of the fabric of the Hebrew University since its earliest days, involved with almost every facet of its development from its establishment in 1918 until today.

What I find most exciting, is the university’s continuous ability to innovate and grow despite a very challenging environment. Equally, the quality of its outstanding students, researchers and faculty reinforces my belief that the university will further prosper with the British Friends continuing its role as a supporter and trusted friend.

It is my earnest hope that we will remain equally engaged for the next and even more exciting 100 years.

Isaac Kaye, Chairman
British Friends of the Hebrew University

“The best is yet to come,” is how Hebrew University President, Prof. Asher Cohen closed the June 2018 International Board of Governors gathering in Jerusalem after five days of celebration and commemoration. Over 350 university friends, supporters and alumni came together to mark 100 years of achievement. Beginning with a handful of buildings housing 33 academic staff and 141 graduate students on Mount Scopus, the university has developed into a world-class centre of advanced learning and research, with 23,000 students and 1,000 academic staff across four main campuses collaborating and sharing knowledge on an international scale.

The work of the Hebrew University spans almost every facet of human endeavour, including life sciences, earth sciences, natural sciences, social sciences, physical sciences, humanities and law. New investigations abound: computer science, big data, artificial intelligence, machine learning, watertech, cybertech, agritech, precision medicine and much more.

This edition of Future gives a snapshot of many of these areas of science and humanities and highlights the British Friends’ involvement with and generous support for scholarships, research, equipment and capital projects. Every campus bears witness to a connection with the British Friends, which has not only helped the university, but also its inextricable connection to Jerusalem and to Israel, and the international community of higher learning and scientific research.

Thank you for supporting the Hebrew University in this exciting journey of ongoing achievement and discovery. I hope to meet you at one of our many events (see page 11) or on campus in Israel, where a warm Hebrew University welcome awaits.

Nigel Salomon, Chief Executive
British Friends of the Hebrew University
Hebrew University in Numbers

Technology Transfer

<table>
<thead>
<tr>
<th>Years of transferring technologies</th>
<th>54</th>
</tr>
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<tbody>
<tr>
<td>Patents</td>
<td>10,000+</td>
</tr>
<tr>
<td>Inventions</td>
<td>2,800+</td>
</tr>
<tr>
<td>Licensed Technologies</td>
<td>900</td>
</tr>
<tr>
<td>Spin-off companies</td>
<td>130+</td>
</tr>
</tbody>
</table>

International

| Academic agreements with institutions in 44 countries | 320 |
| Competitive research grants from the European Research Council | 111 |
| Postdoctoral researchers from 26 countries | 220 |
| University and faculty level student exchanges | 115 |

Students

| Total student body | 23,000 |
| Undergraduates    | 11,500 |
| Masters students  | 6,000 |
| Doctoral candidates | 2,200 |
| Overseas and pre-academic students, postdoctoral fellows etc | 3,300 |

Rankings

| #1 in Israel Times Higher Education (THE) 2018. | |
| QS World University Ranking 2018 | |
| Top ½% Universities Worldwide | |
| ARWU Shanghai Jiao Tong University, China - 2018 Index | |

Awards of Excellence

| Israel prizes | 299 |
| Rothschild prizes | 100 |
| EMET prizes | 50 |
| Wolf prizes | 14 |
| Nobel prizes | 8 |
| Fields medal in mathematics | 1 |
| Canada Gairdner international award | 1 |
| Turing award in computer science | 1 |

Research

| Research centres | >100 |
| Research projects | 3,440 |
| Affiliated hospitals | 5 |
| PhD students in Israel | >1/3 |
| Israel's biotechnology research | 43% |
| Israeli academic scientific research | 30% |

Teaching

| Main campuses | 4 |
| Faculties | 7 |
| Departments | 317 |
| Faculty members | 973 |
| Courses | 5,000 |

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HUGE SUCCESS FOR #HU100

A GLOBAL CROWDFUNDING GIVING DAY TO CELEBRATE THE HEBREW UNIVERSITY’S 100TH ANNIVERSARY – over $1m raised for vital projects

Giving Day, held on 24 July 2018, the 100th anniversary of the laying of the cornerstones on Mount Scopus, marked the first time an Israeli higher education institution has launched a global crowdsourced fundraising campaign. In one 24-hour period, HU alumni, parents, friends, faculty and staff from across five continents came together to raise money for another 100 years of learning, innovation and excellence.

Over $1.1m was raised from 16 countries, surpassing the university’s original target of $1m. During Giving Day, donors were able to designate their dollars for research, scholarships or faculty recruitment, among others areas. Social media, email and on-line giving were the foundations of the campaign’s success.

“This fantastic effort demonstrates what can be achieved when the Hebrew University’s community comes together,” shared HU President Prof. Asher Cohen. “This outpouring of generosity will benefit future generations for years to come.”

Follow BFHU on social media
www.twitter.com/BFHU1925
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www.linkedin.com/company/BFHU1925

Photo: The BFHU team broadcasting live on Facebook to celebrate #HU100 and the university’s 8 Nobel Prizes.
In May 2018, the Japanese industrial giant, Canon Inc. acquired BriefCam, the leading provider of Video Synopsis® solutions, based on technology developed at the Hebrew University. The acquisition further demonstrates the university’s frontiers of science innovations, and follows on from other high profile companies and startup exits whose success is based on research conducted at the Hebrew University and licensed through its technology transfer company, Yissum.

BriefCam turns video surveillance into actionable intelligence and dramatically shortens ‘the time to target’ for security threats while increasing safety and optimising operations. Its remarkable technology was developed by Co-Founder and Chief Scientist, Prof. Shmuel Peleg, of the university’s Benin School of Computer Science and Engineering.

BriefCam has been deployed by law enforcement agencies and companies around the world. In 2013, BriefCam played a pivotal role in the capture of the terrorists responsible for the Boston Marathon bombings.

How many universities in the world can claim to have been founded by the likes of Albert Einstein and Sigmund Freud?

In July 2018, the Hebrew University marked 100 years of achievement since the laying of its cornerstones on Mount Scopus. It’s a success story like no other.

The university was envisioned as a centre of intellectual energy and a home for the spirit of inquiry by another of its founders, Dr. Chaim Weizmann, who later went on to become Israel’s first president.

In a stirring address delivered at the cornerstone ceremony, he said “It seems at first sight paradoxical that in a land with so sparse a population, in a land where everything still remains to be done, in a land crying out for such simple things as ploughs, roads and harbours, we should begin by creating a centre of spiritual and intellectual development.”

From these inspirational beginnings the Hebrew University has become one of the world’s leading institutions of research and higher learning.

Prof. Yuval Shany, the Hersch Lauterpacht Chair in Public International Law, has been selected to lead the United Nations Human Rights Committee. The Committee (not the Human Rights Council from which the United States withdrew in June 2018) is a body of independent experts that monitors implementation of the International Covenant on Civil and Political Rights by its State parties.

This is the first time that an Israeli will lead the Committee.

“Currently, the UN’s Human Rights Committee faces several challenges, chiefly that we live in an international climate that no longer supports human rights. As head of the Committee, I hope to harness its positive and apolitical influence to secure human rights for all citizens of the world,” stated Prof. Shany.
An analysis published by Times Higher Education (THE) has ranked the Hebrew University of Jerusalem among the top 100 most powerful global university brands. This marks the first time since 2014 that an Israeli university has been included in this coveted list.

The 2018 Reputation Rankings surveyed more than ten thousand leading academicians from 137 countries. They were asked to name 15 universities that are the best for research and teaching, based on their own experience.

“"To be judged among the top 100 most powerful university brands is a great source of pride for everyone at the Hebrew University and for Israel as a whole,” shared HU President Prof. Asher Cohen. “Success in our field is never an accident, it is achieved by a relentless pursuit of excellence, creativity and a deep commitment to our enduring values.”

The top 10 ranked institutions include Harvard University, Massachusetts Institute of Technology (MIT) and Stanford University. The Hebrew University is the only Israeli university listed in this year’s rankings.

Nanotech pioneer Prof. Oded Shoseyov has already founded 11 companies based on his inventions. Now he’s on his next: a 4D printing platform to create customised meals. Though lacklustre grades failed to get him into the university’s undergraduate chemistry program, he audaciously persuaded a committee of professors to take a chance on him. A good gamble, as he would later become a professor of protein engineering and anobio-technology at HU.

Shoseyov, now about to found company number 12, has a knack for turning crazy concepts into commercially viable products such as printed meals, human collagen, transgenic eucalyptus trees for the paper industry, and a pooperscooper that turns dog droppings into odourless powdered fertilizer.

“I wasn’t a particularly good student but I was always curious about science. As a kid, I had a chemistry and electronics lab and I built things with my brother” says Shoseyov from his lab at the Robert H. Smith Institute of Plant Sciences and Genetics at the Smith Campus for Agriculture, Food and Environment in Rehovot. He is the eighth generation of his family living in the city.

In a first-of-its-kind meta-analysis, HU researchers have found a link between prolonged use of drugs containing acetaminophen (paracetamol or tylenol) during pregnancy, and increased risk of autism spectrum disorder (ASD) and attention deficit hyperactivity disorder (ADHD).

Acetaminophen is one of the most common medications used for the treatment of pain and fever reduction during pregnancy and is considered safe in humans. However, evidence of neuro-disruptive properties is accumulating: past studies have shown that long-term administration of low doses of acetaminophen may affect the development of the foetal nervous system, and that this effect is often seen years after exposure during childhood.

Now, analysis by Dr. Ilan Matok at the Institute for Drug Research in the School of Pharmacy, shows that prolonged exposure to acetaminophen during pregnancy is associated with a 30% increase in relative risk for ADHD (compared to those who did not take it) and a 20% increase in relative risk for ASD.
Meat the Future?

An Israeli HU biomedical engineer who created cultured meat technology in the lab has been inducted as a Fellow of the American Institute of Medical and Biological Engineering. Prof. Koby Nahmias was honoured at a ceremony in Washington, DC. Only the top two percent of biomedical engineers are accepted to the Institute. Prof. Nahmias, Director of the University’s Alexander Grass Center for Bioengineering, is the fourth Israeli to be so honoured.

Prof. Nahmias invented Future Meat, the process for growing meat in a medium that could reduce the need for slaughterhouses and which already has become an important topic of discussion in the world of kashrut.

Prof. Nahmias also founded Tissue Dynamics, a platform that mimics human biology to provide toxicity and efficacy screening services. The technology will enable thousands of laboratories to study fatty liver disease, viral hepatitis, drug toxicity and liver cancer at a much lower cost.

The Holy Grail of Communication

Following three years of extensive research, Hebrew University physicist Prof. Uriel Levy and his team have created technology that will enable computers and all optic communication devices to run 100 times faster through terahertz microchips.

Until now, two major challenges have stood in the way of creating the terahertz microchip: overheating and scalability. Now, Prof. Levy, Head of HU’s Nano-Opto Group in the Faculty of Science and HU Emeritus Professor Joseph Shappir have shown proof of concept for an optic technology that integrates the speed of optic (light) communications with the reliability and manufacturing scalability of electronics.

Optic communications encompass all technologies that use light and transmit through fibre optic cables, such as email, text messages, phone calls and data centres.

Prof. Levy and his team have come up with a new integrated circuit that uses flash memory technology. If successful, this technology will enable standard 8-16 gigahertz computers to run 100 times faster and will bring all optic devices closer to the holy grail of communications: the terahertz chip.

Friend or Foe?

Imagine you are walking down a busy street and as you make your way through the crowd, your brain notices several faces but ignores the rest. What are the processes that determine which faces our brain “chooses” to see and those it allows to fade into the background?

A new study published by Prof. Ran Hassin and his research team at the Dept. of Psychology conducted six experiments in which researchers exposed participants to 300 sets of rapidly-changing images. In one eye, participants were exposed to images of human faces, and in the other eye they were exposed to geometric shapes. The participants were then asked to press a computer key as soon as they saw a human face.

With the onslaught of stimuli it took the brain a few seconds to understand that it was seeing a face and then to “transfer” these images to the conscious brain for processing. The researchers observed that the facial dimensions that were most quickly registered by participants were those that indicated power and dominance. Prof. Hassin said “This study gives insight into the unconscious processes that shape our consciousness.” He hopes these findings can pave the way to a better understanding of autism, PTSD and other psychological disorders.
UK Minister Visits Centres of Innovation

UK Minister for Universities, Science, Research and Innovation, Sam Gyimah MP, along with a substantial delegation made his first overseas trip as Minister outside Europe by heading to Israel to understand the ‘DNA’ of the Start-Up Nation especially the role played by its universities.

The ecosystem of research, commercialisation and investment were key issues explored when visiting Yissum, the HU’s technology transfer company, followed by a meeting in the laboratory of Prof. Koby Nahmias, founding Director of the Alexander Grass Center for Bio-engineering. Nahmias is a co-founder of Israel’s BioDesign Medical Innovation programme, recently listed as a major reason for Boston Scientific’s continued investment in Israel.

Minister Gyimah met with the Hebrew University President Prof. Asher Cohen and expressed the hope for even greater levels of collaboration.

‘Freedom’ Coins from Jewish Revolt Against Rome

Bronze coins, the last remnants of the first Jewish revolt against the Roman Empire 66-73 CE, were discovered near the Temple Mount in Jerusalem by Hebrew University archaeologist Dr. Eilat Mazar during renewed excavations at the Ophel, located below the Temple Mount’s southern wall.

These 1.5cm coins were left behind by Jewish residents who hid in a large cave for four years (66-70 CE) during the Roman siege up until the destruction of the Second Temple and the City.

While several of the coins date to the early years of the Revolt, the great majority are from its final year. Significantly, during this year, the Hebrew inscription on the coins was changed from “For the Freedom of Zion” to “For the Redemption of Zion”, a shift which reflects the changing mood of the rebels during this period of horror and famine.

“A discovery like this, ancient coins bearing the words “Freedom” and “Redemption” found just before the Jewish festival of freedom – Passover – begins is incredibly moving,” said Dr. Mazar.

Hebrew University and Cambridge Connections

As the 2018 ‘Henry Cohen Visiting Professor’ co-funded by the British Friends of the Hebrew University and JMed, Prof. Patrick Maxwell (middle) University of Cambridge Regius Professor of Medicine (Physic), spent five days in Israel on a whirlwind tour.

Prof. Maxwell’s programme included visits to hospitals and meetings with governmental and university medical leadership, including Prof. Dina Ben-Yehuda, Dean of HU’s Faculty of Medicine and Faculty researchers.

Britain’s Ambassador, David Quarrey (left) hosted a round table meeting with a number of Cambridge University graduates, whose medical careers had brought them to Israel.
In May 2018, Sam Gyimah MP (left) UK Minister of State for Universities, Science, Research and Innovation visited the Hebrew University including Yissum, the Hebrew University’s technology transfer company.

During his visit the Minister launched the 3rd call for proposals, this round for the funding of research into ageing within the framework of BIRAX (Britain Israel Research and Academic Exchange Partnership).

The Minister in the lab of Prof. Koby Nahmias.

In May 2018 the 13th Albert Neuberger Memorial Lecture was held at the Faculty of Medicine’s Ein Kerem Campus. The lecture is hosted every two years usually by the Dean of a Faculty of Medicine along with the British Friends of the Hebrew University.

Prof. Wolf Reik from the Babraham Institute, University of Cambridge spoke on ‘Epigenetic Reprogramming in Development and Ageing’. He was hosted by Prof. Howard Cedar, the world-renowned authority and pioneer in the field of epigenetics.

In May 2018, Prof. Koby Nahmias (right) joint winner with Prof. Nir Friedmann of the £250,000 Rosetrees Trust Medicine & Engineering award.

Presented by Rosetrees Trust Chairman Richard Ross in September 2017.

Professor Albert Einstein who spoke in 1933 at this iconic London landmark was honoured with the laying of a flagstone bearing his name, in the first round of a series of ceremonies honouring key figures and moments in the history of the internationally known concert hall.

Photo: BFHU Director of Development Simon Arenson with Sonia Bouadma, Director, Client Services, Greenlight (managing product licensing of Einstein on behalf of The Hebrew University).
HUstart announced the appointment of Dr. Amnon Dekel as Managing Director. HUstart fosters innovation among students and researchers, encouraging entrepreneurs-in-training to gain a foothold in industry. Dr. Dekel will lead HUstart’s national and international programmes.

HUstart is a joint venture of the University’s Faculty of Science, Jerusalem School of Business Administration (through the generosity of the Asper Center for Entrepreneurship and Innovation) and Yissum, the University’s Technology Transfer Company. Since launching in 2015, through a flagship accelerator, BioGiv programmes for biotechs, TIP programme for international summer interns, seminars, and mentorships, HUstart provides practical education and support as well as connections for HUJI students and Jerusalem community members to become effective entrepreneurs.

For further information: www.hustart.com
Barbara Sieratzki 1926-2018

Barbara Sieratzki, z.l., was born in Cracow. After the German invasion, she escaped to Prague and later to Bratislava, and then Budapest, and completed high school in Hungary using a Christian ID. She was arrested by the Gestapo in June 1944 and survived Mauthausen, together with her mother Gusti Tennenbaum. After liberation by the Russian Army, Barbara became a student at the Philosophical Faculty of the University of Budapest but soon, because of financial needs and her natural talent for languages, became an interpreter for the Jewish Agency and subsequently a liaison officer to the British Army in Bergen Belsen.

In 1949, Barbara married Heinrich Sieratzki and together they built a new life and raised a family in Frankfurt am Main, working first in textiles and subsequently in property. After her husband's early death, Barbara managed the business on her own. In 2007 Barbara moved to London.

Barbara had a long record of supporting academic programmes in Israel. In 2010, she met with HU President Prof. Menahem Ben-Sasson, who kindled her interest in Revivim, an innovative honours programme that targets the revival of Jewish Studies in secular Israeli schools. It offers the brightest and most dedicated students the opportunity to complete a BA and MA in Jewish Studies at HU, as well as teacher certification, in just four years of study. Barbara is lovingly remembered by staff and students of the Revivim Programme.

Main picture: Barbara with students Dikla Hodefi, Meytal Blumenthal, and Shir Doctorman.
THE ARCHIVE contains hundreds of thousands of records, photographs and maps, which collectively document the development of the university in its formative decades between 1918-1948. It chronicles the engagement of luminaries such as Albert Einstein and Chaim Weizmann with the young university, the student and faculty experience on the nascent campus, and its development from disparate research institutes into a full-fledged university. These rich holdings also provide a penetrating look into the broader context of World War II and the fate of European Jewry as experienced in Palestine, as well as daily life in British Mandate Palestine against the backdrop of national conflict. Despite the archive’s rich resources, it was previously only partially cataloged, and, in effect, mostly unknown beyond the local community of scholars.

THE TREASURES OF KNOWLEDGE PROJECT for the preservation and cataloging of the Historical Archives of the Hebrew University, completed in spring 2018, makes the archive newly accessible to researchers and the international public. This three-year landmark effort was supported by an Israeli-German collaboration, and carried out by early-career scholars at the university. An online, multi-lingual catalog is about to be launched, and a traveling exhibition of selected archival findings is set to take place in 2018-19 in both Israel and Europe. Invaluable in its contents, this project will ensure the University’s rich legacy for the next century.
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At a BFHU alumni event in late June, Prof. Hermona Soreq, Charlotte Slesinger Professor of Molecular Neuroscience at the Edmond and Lily Safra Center for Brain Sciences and the first woman to have served as Dean of the Faculty of Science gave a talk, entitled “Neuro-Degenerative Diseases, from Research to Hope.” Prof. Soreq spoke about her research in Parkinson’s and Alzheimer’s. It was a privilege to hear from such a wonderful speaker. Once again, our sincere thanks to Mili and Michael Gottlieb, who kindly hosted the event.

At the beginning of September, Prof. Ehud Cohen of the Faculty of Medicine’s Dept. of Biochemistry and Molecular Biology gave a fascinating lecture evening exclusively to Hebrew University alumni, entitled “What the Humble Worm Teaches us about the Treatment of Alzheimer’s Disease.” Prof. Cohen studies age-related diseases, with the aim of preventing such ailments from occurring by inhibiting protein aggregation, a key factor in the development of age-related conditions. Our sincere thanks go to Natalie Dee and Daniel Rogoff who very kindly hosted the event.
Dear donors of the British Friends Medical Group, I would like to offer my deepest gratitude for your continued support in me and in my education as a medical student here in the Hebrew University of Jerusalem. Words cannot express how much your scholarship help me through these years.

This is my final year as a bachelor’s student, and I am looking forward to start the fourth year and the clinical studies, and to learn medicine inside the hospital. In the last few years, I learned a lot about how the human body works. I studied and memorized everything I can, from normal physiology to the different pathologies that I may encounter in the future. With your assistance, I was able to focus on my education, hopefully helping me to help others in the future.

In the last two years, I was also able to participate as an intern in an experiment in one of the faculty laboratories. I was able to participate in a small research project, and have the honor of an article published with my name. I am currently working on my own project in the lab, which helped me truly understand some of the research field difficulties and help me gain experience and deepen my understanding. I would have never been able to do all that, without your generous donation. Awarding me this scholarship is a vote of confidence.

I am committed to my education and to the healthcare field, and your donation was essential in helping me achieve my goals. By awarding me this scholarship, you gave me a true opportunity, a kindness I will not forget.

Sincerely, Ganit Elmaliach

Dear donors of the British Friends Medical Group, As I approach the final exams of the pre-clinical years, I would like to thank you again for your generous donation. With your contribution, I was able to create a stable studying environment and achieve a decent GPA of 93.26 for this year and a total of 90.55 for the last 3 years.

In addition, thanks to the financial breathing space you created, I was able to complete my concluding seminar for this part of my studies, under the instruction of Prof. Ron Dzikowski. The seminar reviews the possible molecular mechanisms of the malaria parasite’s versatile drug resistance capability.

This year, like the previous ones, I kept working as a P.A. in the community urgent care facility, further honing my clinical skills and knowledge. I am glad I’m able to modify the amount of work to suit my academic obligations and that’s possible thanks to your great help.

Next year I’ll start my actual clinical training in the university, and I plan on keeping the same level of achievements as this year and the years before. This is a very exciting point in my studies, and looking back at the last three years, I’m fully aware that without your generous patronage I could have never accomplished these achievements.

Thanks again, Gilad Nesher
The Hebrew University of Jerusalem is the foremost university in Israel, regularly ranked in the top 100 universities in the world – along with Harvard, MIT, Oxford and Cambridge.

Thanks to the global stature of the Hebrew University and its strong ties with leading institutions across the world, students enjoy many opportunities to blend an international experience with their course of study. The university annually attracts some 1,200 overseas students from more than 70 countries worldwide. In the course of their studies, students experience a vibrant, cross-cultural and open-minded university in a beautiful campus setting combined with the unique environment of the city of Jerusalem.

International students are invited to Israel to experience the outstanding first-class overseas study abroad programmes offered at the University’s Rothberg International School. Taught in English, the School’s courses are designed to open inquisitive minds to new areas of knowledge and inquiry. Choose from Summer courses, the Gap Year Programme or an Ulpan, or become a full-time student at the University for an Undergraduate year abroad or a Master’s degree.

Contact Gill Benson on 020 8349 5757 or email students@bfhu.org to talk further about financial assistance available to British students.
FIRST YEAR STUDY ABROAD – GAP YEAR

The Hebrew University Gap-Year Programme is a fantastic way to immerse yourself in Israeli life, culture and language.

Arrive in August or January, enrol on an intensive Ulpan, and then take a six-month semester of studies in subjects of your choice alongside students from Britain, the USA and around the world. Or, if you’re feeling really adventurous, try a two-semester programme, arriving in September and studying (with a winter break) through until June.

UNDERGRADUATE STUDY

Whether you are considering a full degree at the Hebrew University, or a year abroad during your British university degree, we have options for you: imagine studying the archaeology of Jerusalem, while walking the streets of the City, examining its ancient walls and historic buildings; or a course on prospects for peace in the Middle East in the light of current events unfolding daily in Israel; or studying the Hebrew language in the land of its birth.

GRADUATE PROGRAMMES

The School’s graduate programmes are designed to meet the special needs of qualified students from abroad who wish to spend a year or a semester at the Hebrew University. Applicants can be Master’s degree or Ph.D. candidates or recent university graduates who have not yet commenced a programme of master’s studies.

SUMMER PROGRAMME AND HEBREW ULPAN

The Department of Summer Courses and Special Programmes offers short-term study abroad programmes that enable students to combine an enriching academic experience with the opportunity to live and breathe the subject matter. The Department offers stimulating, accredited summer courses to undergraduate and graduate students, as well as mature candidates with academic qualifications.

The Rothberg International School offers a range of Ulpanim, in the summer and winter, from three to five weeks.

STUDENT GRANTS

BFHU is the primary source of UK funding to the University. One of our prime objectives is to ensure British students have access to study at the University. We believe money should never be an obstacle to achievement and we offer awards based on merit and need. We cannot offer full scholarships but endeavour to help all our students meet their financial needs whenever we can.

In addition, many Hebrew University programmes are MASA accredited, an Israeli government initiative designed to encourage diaspora Jews aged 17 to 30 to come to study in Israel. Thus, Jewish students wishing to study at the University for a semester or longer may be eligible for Israeli government scholarships.
Hannah Barkley Bladon z”l
ONE YEAR ON…

It is with great sadness that we remember that on 14 April 2017 Hannah Barkley Bladon was tragically murdered whilst travelling on the Jerusalem light railway.

Hannah, a Theology and Archaeology student at Birmingham University was spending a year abroad at the Rothberg International School at the Hebrew University as part of a student exchange programme. Hannah had been in Jerusalem since January 2017 and was fully immersed in her course. She had been taking part in an archaeological dig close to the city where only a few days before her death she had excavated a vase of a type not previously known to have existed at that time.

The British Friends of the Hebrew University has set up a special scholarship fund – The Bladon Family Scholarship – to benefit two students per year for the next five years from Birmingham University, either studying Theology or Archaeology, who will be spending a year abroad at the Rothberg International School.

The two students who will be receiving the scholarships for 2018/19 are Jasmine Mitchell and Lauren Lee. Lauren is studying for a BA in Theology & Religion, and Jasmine is studying for BA in Philosophy, Religion and Ethics. We wish them both success in their studies in Jerusalem.

In Loving Memory of Hannah Barkley Bladon 1st December 1996 to 14th April 2017.

Marking the Hebrew University centenary the British Friends are presenting a series of lectures reflecting the breadth and depth of Hebrew University academic expertise and research.

The dates and details of the first two are now confirmed:

**The Mystery of Gene Annotation, the Dynamics of Life and DNA Methylation**
Tuesday 4 September 2018
A lecture by Prof. Chaim Cedar Chairman, Department of Developmental Biology and Cancer Research, the Hebrew University of Jerusalem, Faculty of Medicine.

Prof. Cedar is an Israel Prize laureate (1999) and was awarded the Wolf Prize in 2008, the Emet Prize in 2009, the Canada Gairdner International Award in 2011 and the Louisa Gross Horwitz Prize for 2016.

This event is kindly hosted by BDO UK LLP.

**Yiddish in German-Jewish Culture: the Middle Ages to WW2**
Wednesday 30 January 2019
This lecture by Dr. Aya Elyada, explores the long and turbulent history of Yiddish within German-Jewish culture from pre-modern times and up to the Second World War.

Dr. Elyada is senior lecturer at the Department of History, the Hebrew University of Jerusalem. She is currently on sabbatical at the Oxford Centre for Hebrew and Jewish Studies.

This event, in partnership with JW3, is the second in the series of lectures in memory of Thea Zucker.

For booking information on these lectures email friends@bfhu.org or call BFHU 020 8349 5757
Annual Legal Group Dinner
In support of the Hebrew University Clinical Legal Education Centre and scholarships for students attending the Centre for Transnational Law in London, guests gathered at Middle Temple Hall for the 65th annual legal group dinner.

Guest speaker was Lord Thomas of Cwmgiedd, former Lord Chief Justice of England and Wales.

Photo: left to right: Mr Justice Cohen, Lord Pannick QC, Israel’s Ambassador Mark Regev, Lord Thomas of Cwmgiedd, Nigel Salomon.

Medical Committee Event
An event hosted by Fladgate LLP, with Prof. Assaf Friedler speaking on ‘The future of anti-cancer drug design’.

Photo: left to right: Prof. Assaf Friedler Professor of Chemistry and Vice-Rector, Hebrew University of Jerusalem, Chairman of the University’s central student admission committee. Prof. Stuart Stanton, Chairman BFHU Medical Group.

Prof. Cory Shulman Lecture on Autism
Kindly hosted by Bank Leumi UK, the Hebrew University's Prof. Cory Shulman gave a gripping lecture on autism resulting in many audience questions.

Prof. Shulman (pictured left) is Director of the Hebrew University Autism Centre and Head of The Infant and Early Childhood Mental Health Programme, Baerwald School of Social Work and Social Welfare.

The Inaugural Thea Zucker Memorial Lecture – Prof. Rachel Elior
A devoted supporter of the Hebrew University and the Belgian Friends, Thea Zucker was remembered at a memorial lecture held in partnership with the Institute of Jewish Studies UCL and given by Prof Rachel Elior, John and Golda Cohen Emeritus Professor of Jewish Philosophy and Jewish Mystical Thought at the Hebrew University. The lecture title ‘Jewish Female Literacy – what happened between Devorah the Prophetess and Devorah Baron?’

Photo: Prof. Elior pictured second left with members of the larchy family.
Hebrew University and University of Cambridge Connections

As the 2018 ‘Henry Cohen Visiting Professor’ co-funded by the British Friends of the Hebrew University and JMed, Prof. Patrick Maxwell University of Cambridge Regius Professor of Medicine (Physic), spent 5 days in Israel on a whirlwind tour. The programme included visits to hospitals and meetings with government medical leadership and Hebrew University medical faculty. Britain’s Ambassador, David Quarrey hosted a round table meeting with a number of Cambridge graduates whose medical careers had brought them to Israel. The return lecture was given by Prof. Maxwell in July at UCL.

Young Professionals

Exposing the next generation to the achievements and exciting future of the Hebrew University, Israel’s Ambassador Mark Regev himself a HU graduate, hosted 50 young professionals at his residence to mark the university’s centenary.

Photo: left to right Gerard Rothschild, Ben Stowe (Chair BFHU Young Professionals Group), Elizabeth Metliss, Ambassador Mark Regev, Dr David Greenberg, Dr Josh Solomon.

The Annual Sir Sigmund and Lady Hazel Sternberg Prizes

This well-established event in the annual Hebrew University calendar revolves around Interfaith Study of Religion in the Department of Comparative Religion. This year’s prize winners presented their papers with short addresses from Ruth Tamir (daughter of the late Sir Sigmund and the late Lady Hazel) and from Prof Ronit Ricci, Sternberg-Tamir Chair in Comparative Cultures.

Photo: prize winner with Prof Ricci (front right) and to her left Ruth Tamir

The Annual Legacy Tea

Held annually to host legators who have committed to the Hebrew University in their will, the afternoon event this year showcased a number of Hebrew University graduates and British Friends scholarship awardees, currently continuing studies at the UK’s leading universities.

Photo: 5 Hebrew University graduates + next generation!
BFHU Trustees Meeting

In February 2018 the BFHU Trustees hosted Yishai Fraenkel (centre) university Vice President and Director General. Yishai has overall responsibility for the university’s administration, personnel, capital projects, liaison with Jerusalem City Council etc.

Yishai joined the University following 23 years in the high-tech industry, where he served as a VP of Intel International, and CEO of Intel Jerusalem. He gained a B.Sc. in Mathematics and Computer Science and subsequently an MBA, both from the Hebrew University.

Women’s Group

Author Penrose Halston gave a fascinating insight into the history of her marriage bureau business and book “Marriages are made in Bond Street”. Vice-Chairman, Stella Lucas, hosted the ever-popular December Chanukah party.

In conjunction with Wizo in the Woods, the group held a concert in memory of Marcia Elton z’l, a supporter of both charities. Soprano Ilona Domnich delighted the audience with a selection of pieces and reminiscences, bringing to life Marcia’s story and her interest in promoting young musicians.

Honours Club

Formed 5 years ago, the Club is dedicated to arranging talks by leading Hebrew University academics and guest speakers from a range of backgrounds and arranges social and cultural activities.

Notable in 2018 was a talk by Dr Eliana Hadjisavvas of the University of Birmingham who gave an illustrated presentation on her unique research into the detention of Jews in Cyprus between 1946 and 1949.

WPP Delegation Visit HU

May 2018 saw the visit of a delegation from WPP, the world’s largest communications agency.

After a short campus tour, five structured panels, each with academic, business and start-up representation shared expert knowledge on topics including the future of AI, the future of retail, the future of payments and fintech, the future of e-commerce and the future of bio-medicine.
A LANDMARK year in Israeli foreign policy, 2017 saw some promising sparks in the rekindling of Israel-Africa relations. Of course, attempting to forge anything meaningful with most of the 48 sub-Saharan states is impeded by seemingly intransigent political obstacles. However, Israel’s commitment to facilitate development within Africa has a long history – long for this part of the world. It goes back to the very first decades of the state, when Israel rapidly transitioned into a developed country, and recognized that it had some important know-how to share with African states newly emerging from colonial rule.

Although the number of cooperative ventures in Africa plummeted in the 1970s, a single Israeli initiative, established in 1971, has continued to provide high-level training in Israel for African students. The International Masters of Public Health (IMPH) at the Hebrew University-Hadassah Braun School of Public Health and Community Medicine, taught in English, gives over 20 students from all over the world full scholarships to study in Israel in this 12-month program. The IMPH brings together an inspirational group of young health professionals, and provides them with the skills to transform healthcare in their home countries. About half are from Africa.

The school’s origins, and that of the IMPH, are an out-of-Africa story. During the 1940s, South African physicians, Dr. Sidney Kark and his wife Dr. Emily Kark, set up a healthcare center in Pholela, in Zululand. Here they developed a model of Community-Oriented Primary Care (COPC) that would become the gold standard throughout the world. Sidney Kark, born in Johannesburg in 1911 to Lithuanian parents who had immigrated there in the 1880s, left South Africa with his wife in 1952 – a time when many health professionals emigrated because changes in the national government made it impossible for them to continue their work. Following a short stint in the US, Jerusalem became the Karks’ home. In 1961, Dr. Sidney Kark set up Israel’s first school of public health at the Hebrew University.

The 1960s were the golden age of Israel-Africa relations – over 1,000 Africans came to Israel each year to attend academic courses, primarily in agriculture and medicine. And the Israeli government sent hundreds of Israeli experts to work in over 30 different countries in Africa. These partnerships were the cornerstone of Israeli foreign policy, introduced by Golda Meir when she became Israel’s foreign minister in 1956. Expertise, not money, was what Israel could provide African states, she explained. Writing in her biography (“My Life,” 1975), Meir said, “Did we go into Africa because we wanted votes at the United Nations? Yes, of course…. But it was far from being the most important motive.”

IF YOU want to recalibrate your natural cynicism about Israel’s activities in Africa, spend some time at the Braun School; it’s no more than a couple of short corridors trailing off from the Hadassah Nursing School – a part of the Hebrew University-Hadassah Medical Center at Ein Kerem. The current director of the Braun School, Prof. Ora Paltiel, told me with passion and sincerity that this program is “the best thing that Israel does.” No small claim! But just listen to her for ten minutes;

In 2018, a British Friends Pesach cocktail event at the Hilton Tel Aviv showcased the Hebrew University’s international masters courses in Public Health, Agricultural Sciences and International Community Development. The well attended event was graced by the presence of the British Ambassador David Quarrey, Hebrew University President Prof. Asher Cohen as well as Trevor and Daniela Pears and family; Pears Foundation generously supports these programmes.
selves to create a truly global cohort of Jewish values, Israeli expertise and the values it would be this one. It links emblematic of our Foundation’s identity.

I had to pick one partnership that is most essence of the IMPH when he explains, “If British family foundation whose Executive British Friends of the Hebrew University. Their CEO, Nigel Salomon, told me “that example, two scholarships funded by the dents, are necessarily a particularly vi-

Donors, who fund the IMPH program and provide full scholarships to the stu-
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leaders who can create lasting change in their own countries. I am proud and hum-

A 30-minute break for the students, in a day packed with back-to-back classes, gives me the opportunity to chat with some of them. I meet Dr. Wirngo Mahamadu Su-
ru Bamenda, a general physician in his ear-
ly thirties from Cameroon. He was appoint-
ed four years ago the Chief Medical Officer in the Northwest Region of Cameroon – a meteoric rise for a newly qualified doctor, which he attributes to his “seriousness” and “calm nature.” He explains earnestly how the IMPH program will give him the skills to return to Cameroon and set up a Public Health Institute. It will be a place for train-
ing general physicians to implement public health programs in their own communities. He gives a clear outline of the steps he will take toward this goal. His leadership quali-

Next, I am joined by Melchizedek Nyakundi Mokaya, a social worker, who made his choice of career because social workers were responsible for transforming his life. Describing himself as “a slum boy,” he explains that social workers helped him in every way and found scholarships to pay for his education. One of his first jobs as a social worker was to manage a drop-in cen-
ter for street children in Nairobi – children enduring a childhood similar to his own. More recently he has worked as a proba-
tion officer. The research skills taught in the IMPH will give him just what he needs to research the causes of crime among ju-
venile petty offenders in Kenya and to eval-

Eight students from Africa are funded by the Pears Foundation – an independent, British family foundation whose Executive Chair, Sir Trevor Pears CMG, identifies the essence of the IMPH when he explains, “If I had to pick one partnership that is most emblematic of our Foundation’s identity and values it would be this one. It links Jewish values, Israeli expertise and the skills and knowledge of the students them-
selves to create a truly global cohort of leaders who can create lasting change in their own countries. I am proud and hum-
bled by every Pears scholar I meet, and it is a privilege to support them.”

No antibiotics, no lab tests. The absence of medical resources totally changed my perspective.” She realized that it would be public health programs that would make the difference by preventing many diseases and health problems. She is thrilled to be studying in the IMPH program – this will give her the tools to go back and work in government. Her ambition is to be a policy maker who will ensure the implementation of public health initiatives throughout Ethi-

A quick photo of these charming, intelli-
gent, inspirational students, and they head off for a class on statistics. I meet with Dr. Maureen Malowany. She has prepared a folder for me of recent alumni and their sub-
sequent career paths. Their achievements are extraordinary. They hold leading posi-
tions in ministries of health, global health organizations, universities. They work on programs to improve food security, sanita-
tion, hygiene. They are found at the fore-

with Dr. Naomi Teshome, a general physician from Ethi-
opia, who at 26 years old has already taken a Harvard School of Public Health course in Health Economics, a specialist pro-
gram in pediatrics, a course in project management, and an in-
ternship at Ben-Gurion Univer-
sity in Israel. It was at Ben-Gu-

The PhD Convocation Ceremony.

The President’s Business Forum Outbound in the Negev.

Networking at the President’s Business Forum

The Hebrew University 81st Board of Governors Gathering

Gala Open Air Dinner and Sound & Light Show in the Jerusalem Cinematheque.

Burying Time Capsules – Friends organisations marked the original 1918 cornerstones ceremony, each burying a time capsule with a message to the next generation.

The Wall of Benefactors Honourees.
Marking the Centenary

TED talks by leading Hebrew University faculty members

Prof. Yuval Noah Harari – Digital Dictatorships
Prof. Idan Segev – Brains on Computers
Prof. Raphael Mechoulam – Cannabis – Looking Back and Ahead
Sgt. Johnmichael O’Hare – Briefcam – From Safer to Smarter
Prof. Vered Vinitsky-Seroussi – What Does it Take to be Remembered?
Prof. Cory Shulman – Autism – Perspectives from the Past, Challenges for the Future
Prof. Reuven Hazan – Make Israel Stable Again
Prof. Orly Sade – Crowdfunding

Board of Governors reception hosted by Israel’s President Reuven Rivlin (Hebrew University graduate in law).

British Friends cocktails in the garden of the King David Hotel. British Ambassador David Quarrey, to his left Jewish Agency Head, Isaac ‘Bougie’ Herzog, Isaac & Myrna Kaye (Isaac is BFHU Chairman and an Executive Governor of the Hebrew University), Hon Fellow Gordon Hausmann and his wife Ruti, Ben Stowe, Josephine Urban, Prof. Stuart Stanton.

Special BFHU Presentation, Nigel Salomon, CEO British Friends making a presentation to Britain’s Ambassador to Israel HE David Quarrey and to Christian Duncumb, Director The British Council Israel – ‘The Theory of Relativity’ by Israeli artist Zadok ben-David – in recognition of their work to strengthen UK-Israel medical science research especially with the Hebrew University.

Jerusalem Cinemateque, Prof. Chaim Cedar in discussion with his son filmmaker Yosef Cedar.
Honorary Fellowship
Martin Moshal with Moshal Scholars and right, with HU President Prof. Asher Cohen. Martin is founder of the Moshal Scholarship Programme whose vision is that grantees deploy their university education and values to make a major difference to their lives and the lives of their families, communities and the wider world.

The Kaye Innovation Awards

Isaac Kaye, congratulates one of the recipients of the illustrious Kaye Prizes for Innovation.

The Polonsky Prizes

The Polonsky Prize-Winners in Creativity and Originality in the Humanistic Disciplines

The Ellis & Alma Birk Prizes

Profs. Karayanni and Wolff with members of the Birk family and the 2018 prize-winners in Law and Agriculture.

Honorary Fellowship
Gordon Hausmann (BFHU Hon Solicitor) pictured centre, with university President Prof. Asher Cohen and Chairman of the International Board of Governors, Michael Federmann MBE (hon).

The closing event with pop-up food stalls and a rock band at the Smith Faculty of Agriculture, Food and Environment, Rehovot.
For more than 200 years we have proudly lent our support to the communities in which we operate, always aiming to combine business with humanity, without neglecting either.

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Extract from 1924 letter from Siegmund Warburg to Lionel and Anthony Rothschild, thanking them for teaching him about business and ‘the fine tradition of New Court, which combines business with humanity without neglecting either.’

Courtesy of The Rothschild Archive.
An ambitious $1billion, 7-year campaign starting in 2018, the centenary of the Hebrew University cornerstones ceremony, to another centenary in 2025 which will mark 100 years since the university’s formal opening.

A substantial strategic investment programme in capacity and capability building, ready for the challenges of the next 100 years, covering 7 priority areas.

**Hi-Tech Jerusalem**
- computer science and engineering
- modern high-tech park bridging academia and industry
- science teaching laboratory building

**Human Health**
- leading centre for biomedical research in Israel and precision medicine
- expanding Dental Faculty research laboratories
- extending brain science research
- HU Autism Centre: research, training, clinic care and family support

**Leadership for Tomorrow**
- new young best brains faculty recruitment
- PhD leadership programme
- a new framework for graduate degree programmes in Social Sciences creating tomorrow's critical thinkers and visionaries

**Internationalisation and Collaboration**
- research collaborations with top universities worldwide
- study abroad and student exchange programmes
- infrastructure to welcome and support students and faculty from abroad

**Building Capacity**
- renovating the Institute of Archeology
- renovating undergrad teaching facilities in the Faculty of Humanities
- renovating the Life Sciences Complex

**Sustainable Planet**
- a new food safety and food security centre – higher yields to feed the world
- the Institute for Environmental Sciences and Natural Resources in Agriculture – sustainable practices and conservation of resources
- a centre for managing sustainable transportation

**Better World**
- Clinical Legal Education Centre – helping the most vulnerable in society, building civil society
- scholarships and special programmes for the least represented in society and to promote pluralism and diversity
- international programmes in public health, agricultural sciences, community development and dentistry
Enary Giving Campaign
‘Israel at 70’

Hebrew University academics acted as consultants for these thought-provoking ‘Israel at 70’ animation videos. The fascinating short movies cover medicine, water, big data, science and many more current issues. Go to http://israel70.co.il/en/home/ to see them all. Enjoy!

Hebrew University Board of Governors
14-19 June 2019 Jerusalem

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For further information or to reserve your place contact the BFHU office: 020 8349 5757 or email friends@bfhu.org
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If you are over 60 and willing to commit to a minimum legacy in support of the Hebrew University, please contact Gill Benson to enquire about booking your place.

Call 020 8349 5757 or email gill.benson@bfhu.org

British Friends of the Hebrew University of Jerusalem. Supreme House, 300 Regents Park Road, London N3 2JX

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