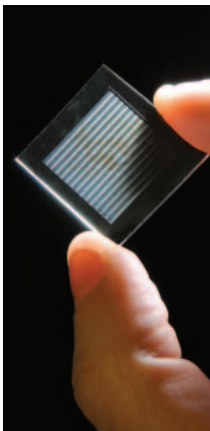
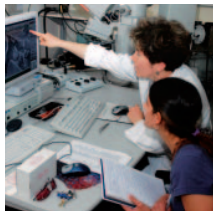


PROGRESS BEGINS HERE
THE HEBREW UNIVERSITY
OF JERUSALEM





The Hebrew University of Jerusalem

Year Founded: 1918

Year Opened: 1925

Campuses: Mount Scopus, Edmond J. Safra at Givat Ram, Ein Kerem, Rehovot

Faculty: 1,100

Students: 23,000 from Israel and 50 additional countries

Degrees Granted to Date: More than 100,000

Research in Progress: More than 4,000 projects across 100 research institutions

Faculties:

Robert H. Smith Faculty of Agriculture, Food and Environment

Faculty of Dental Medicine

Faculty of Humanities

Faculty of Law

Faculty of Medicine

Faculty of Science

Faculty of Social Sciences

A COMPREHENSIVE EDUCATION BEGINS HERE

Creating a better, safer and healthier world begins at The Hebrew University of Jerusalem, where scientists, scholars and researchers are committed to solving the most pressing global problems of our time. Since opening its doors in 1925, Israel's flagship institution for higher learning has been dedicated to fostering human health, illuminating the world through the humanities and expanding the boundaries of knowledge and human imagination. Moreover, through scholarly collaboration, joint research and outreach, The Hebrew University builds bridges to peace between Israel, her regional neighbors and with societies on every continent.

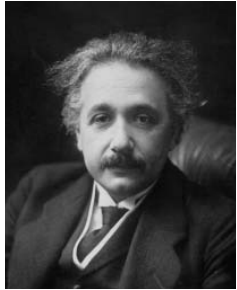
Israel's greatest — and only — natural resource is the intellectual strength of its people, which has enabled this small country to make an outsized, positive impact on our modern world. Hebrew University innovations in medicine, brain sciences, and technology are being utilized worldwide, improving the quality of life for millions of people. Faculty and students are helping to feed the world and protect the environment through sustainable agriculture. Equally benefiting humanity is the university's commitment to social responsibility and justice through its Faculty of Law, the cornerstone of Israel's democratic foundation.

By supporting one of the world's most prestigious and productive universities, American Friends of The Hebrew University foster vital research. Our support helps to educate leaders destined to have a profound impact on tomorrow. Our contributions enhance Israel's global stature and create an enduring and timeless partnership between Israel and communities worldwide. ■

Clockwise from left: Cultivating a wild chickpea plant at the Robert H. Smith Faculty of Agriculture, Food and Environment; The Saul (z"l) and Joyce Brandman Science Laboratories; Dr. Dorit Aharonov of the Faculty of Computer Science and Engineering; State-of-the-art research

Cover, clockwise from left: Dr. Yehoshua Saranga and Ph.D. candidate Mohammed Worku Adem inspect their experiment on sorghum, a staple in drought-prone areas of Africa; Unraveling the mysteries of the brain; Research at the Harvey M. Krueger Family Center for Nanoscience and Nanotechnology; Students at Hebrew University's Mount Scopus campus; A chip for the micropatterning of liver cells

“There it is, on the soil that our people liberated under great hardships; there it is, a spiritual center of a flourishing and buoyant community whose accomplishments have finally met with the universal recognition they deserve.”



– Albert Einstein, co-founder of The Hebrew University of Jerusalem, along with Sigmund Freud, Martin Buber and Chaim Weizmann, among others

Research Distinction:

- Awarded more research grants from the European Union than any other institution in Israel*
- Ties with Oxford University in the number of research grants awarded to young faculty by the European Research Council (ERC)*
- Conducts 30 percent of all civilian academic and scientific research in Israel*
- Initiates approximately 1,500 new research projects each year*
- Nearly 30 percent of research is commercialized by Yissum, Hebrew University's technology transfer company; Yissum ranks among the top ten technology companies in the world, with revenues placing Hebrew University among the top 15 universities worldwide*
- Conducts 43 percent of all biotechnology research in Israel*
- Awarded one-third of all competitive grants in Israel*

HEBREW UNIVERSITY FACULTY AND ALUMNI HAVE WON SEVEN NOBEL PRIZES IN JUST SEVEN YEARS (2002–2009) IN THE FIELDS OF ECONOMICS, PHYSICS AND CHEMISTRY.

Ranked Among the World's Top Universities

The Hebrew University of Jerusalem has been ranked among the top 100 universities worldwide in independent surveys by Newsweek, The Times of London Higher Education Supplement and Shanghai Jiao Tong University of China. Israel's own Council of Higher Education ranked this laudable institution as #1 in academic achievement.

A prime source of biotechnology innovation, The Hebrew University was ranked 12th globally in biotechnology research by the Milken Institute of Los Angeles. The university's Institute of Advanced Studies, which is home to several Nobel laureates, was accepted into an elite consortium comprising ten of the world's leading academic institutions. The Interdisciplinary Center for Neural Computation has been designated "an international center of excellence" by the European Union.

Hebrew University Alumna Ada Yonath receiving the 2009 Nobel Prize in Chemistry.



“Israel’s wealth is in the intellectual and scientific capital that we can produce among us, and without which we can’t progress. Israel’s achievements in the field of science, in the fields of intellectual and cultural creativity, in the fields of economics and judicial creativity are essential assets which cannot be forsaken, because they form the firm and essential bedrock of our existence. All these are the fruits of investment and fostering of potential that exists among us.”

*– Justice Dorit Beinisch, President, Israel Supreme Court
Hebrew University Alumna*



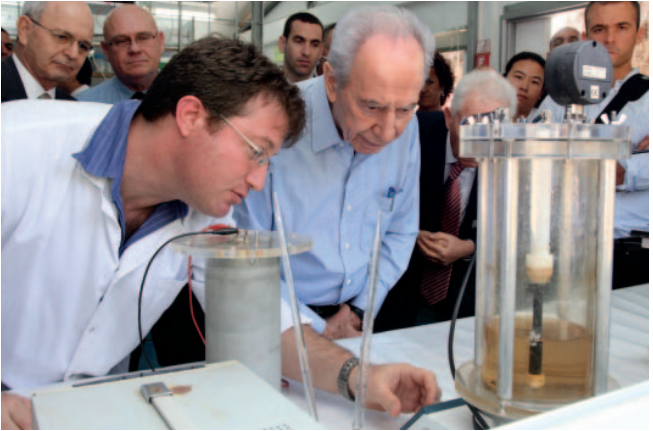
ALUMNI: ISRAEL’S CONTRIBUTION TO THE WORLD

Hebrew University alumni distinguish themselves in every human endeavor. Graduates include four Israeli prime ministers, three presidents, approximately 25 percent of the Knesset, and the majority of the nation’s Supreme Court Justices. Alumni launch start-up ventures and are known for successful entrepreneurship. They propel Israel’s medical establishment and provide a sound foundation for public policy. Many earn advanced degrees, becoming the nation’s foremost professionals. ■

Above: Justice Dorit Beinisch accepting an honorary doctorate from The Hebrew University of Jerusalem

Opposite page, top: Israel’s President Shimon Peres visits the Robert H. Smith Faculty of Agriculture, Food and Environment

Opposite page, bottom: Panorama of Mount Scopus



A PILLAR INSTITUTION

The second largest employer in Jerusalem, The Hebrew University is ideally situated to make a difference, assuring Jerusalem's economic and social vitality. Its faculty members and academic resources attract the best and the brightest students from Israel as well as drawing many international students, who often become goodwill ambassadors, having lived and learned in the Jewish state.

The Hebrew University provides all students and faculty with a community accepting of open discourse and, when needed, debate. People of all nationalities, cultures and faiths are welcomed on university campuses, where pluralism, multiculturalism and peaceful coexistence form the basis of a well-rounded education. ■





VISIONARY RESEARCH

Cutting-Edge Science

Israel is a global leader in scientific and technological innovation, due in large part to The Hebrew University's pioneering spirit of inquiry. Both basic and applied research is vigorously pursued, and almost 30 percent of university research finds commercial application in the high-tech industry.

Scientists form interdisciplinary teams in order to develop effective new treatments for devastating diseases and to combat environmental threats. Many cutting-edge projects rely on state-of-the-art work in nanoscience, optoelectronics and bioinformatics.

Hebrew University's Faculties of Medicine and Science are in the vanguard of stem cell research, which holds promise for treating illnesses such as Parkinson's, diabetes and cancer. The Edmond and Lily Safra Center for Brain Sciences is dramatically advancing our understanding of brain function and improving treatments for human pathologies and brain injuries. Israel's finest minds are also training the next generation of brain scientists.

A Technological Superpower

The sheer variety and scope of Hebrew University's technological achievements is breathtaking. Perhaps best of all, these breakthroughs have exciting and often lifesaving real-world applications. Sophisticated, yet cost-effective medical imaging technology is being brought to remote areas, providing underserved communities with the tools to protect their health. On the road, the "EyeQ" chip saves lives by enabling cars to avert oncoming collisions with other vehicles and pedestrians. A precise new robotic system is helping surgeons to conduct intricate keyhole neurosurgery.

Advanced technology is being used to create nutritionally fortified foods and beverages, revolutionizing the nutraceutical industry and alleviating malnutrition. Interdisciplinary teams, investigating how bacteria respond to antibiotics, are aiding global disease-control efforts. At the Harvey M. Krueger Family Center for Nanoscience and Nanotechnology, faculty are collaborating on the creation of miniaturized electronic and optical systems designed to drive new alternative energy sources.

Breakthrough technologies at the Faculty of Science are boosting environmental and personal safety. A new type of glass-printing technique has been developed to reduce sun glare on car windshields. Biosensors have been created to identify any hazardous chemicals that might be lurking in water supplies. Hebrew University inventiveness truly serves the needs of humanity. ■

Clockwise from left: State-of-the-art brain research; Professor Amnon Shashua, inventor of the EyeQ chip; Stem cell research; Professor Haim Sompolinsky and a student explore brain dynamics; Achieving scientific breakthroughs

SPEARHEADING MEDICAL, DENTAL, AND PHARMACEUTICAL ADVANCES

Award-winning researchers at the Faculty of Medicine are tackling major health challenges, among these cardiovascular disease, cancer and autoimmune diseases. Potent new drugs and efficient drug delivery platforms emerge each year from the School of Pharmacy. New therapies are being produced and patented. Groundbreaking research and development activities are propelling Israel's leadership in biomedicine and biotechnology.

The Hebrew University has made legendary advances. Just to name a few: Exelon[®], an FDA-approved drug for treating Alzheimer's disease and dementia; the revelation of the process of DNA methylation, the chemical process that can switch genes "off" and arrest cancer cell development; and state-of-the-art technologies to prevent the genetic transmission of diseases such as Tay-Sachs and Gaucher's.

The Hebrew University-Hadassah School of Dental Medicine, founded by the Alpha-Omega Fraternity, was Israel's first dental school and remains the nation's foremost center for dental education, research and community outreach. New methods for treating oral diseases have been developed, along with new methodologies in gene and cell therapy. This work, so crucial to quality dental care, is also applicable to other aspects of medicine and human healing. ■



Clockwise from left: The Etz Shalom sculpture on the Tree of Peace Plaza at the Bella and Harry Wexner Building for Dental Medicine, Ein Kerem campus; Laboratory research; Community outreach and care at a Faculty of Dental Medicine clinic; Vaccination time

FEEDING THE WORLD, PROTECTING NATURE

Even before the State of Israel was founded, Hebrew University scientists worked to “green” the desert, providing sustenance and clean water for the nation. Over the decades, their efforts transformed Israel from a country dependent on food imports to a major exporter of produce, flowers and other important agricultural products and technologies.

The Robert H. Smith Faculty of Agriculture, Food and Environment — the only one of its kind in the Middle East — stands at the frontlines of the Green Revolution, leading the way in sustainable agriculture and environmental conservation.

Scientific teams are developing plant-based drugs to treat malaria. They are spearheading techniques to recycle wastewater and improving upon drip irrigation methods originally developed at Hebrew University and adapted for use worldwide. Projects are increasing crop yields, defending plants against viruses and blight, and increasing the quality, availability and hardiness of many types of crops. In the face of climate change, Hebrew University experts are working to increase the ability of plants to resist drought, salinity and extreme temperatures. They are focusing on organic methods of pest control and finding ways to protect the existence of endangered bee colonies that we depend on for pollination.

This essential knowledge is readily shared with Israel’s neighbors near and far. Aquaculture techniques are being taught by Hebrew University faculty to farmers in Uganda and elsewhere. Colleagues from China, concerned about dwindling water supplies, are meeting with Israeli scientists to discover the latest water technologies. Disease “knows no borders” and thus, Hebrew University scientists work cooperatively with Israel’s neighbors on many types of lifesaving projects, from vaccinating livestock to assuring water quality.



Clockwise from top: Professor Yona Chen assures high standards for water treatment; Peppers grown at the Robert H. Smith Faculty of Agriculture, Food and Environment; Honey bee research; International students at the Division of External Studies

At the Division of External Studies, a unit of the Robert H. Smith Faculty, international students — many from developing nations — study nutrition, plant sciences and disease prevention, bringing this lifesaving knowledge back home. This valuable educational experience creates international partnerships between Israel and other countries, which benefit from Israeli expertise.

And at the Koret School of Veterinary Medicine, Israel's first and only veterinary school, top specialists and their students provide the finest quality humanitarian care to animals of all shapes and sizes. Research is finding cures for zoonotic diseases transmitted from animals to humans. Food safety is being protected and public health promoted, thanks to the efforts of scientists who teach, conduct research and also work closely with farmers and government ministries. ■



ILLUMINATING THE HUMANITIES

The Hebrew University's top-ranked Faculty of Humanities is an outstanding center of learning and interdisciplinary research. Its innovative approach creates a lively and relevant discourse between cultures, civilizations, genres and historic periods. Whether the pursuit is Asian and African Studies, Philosophy, Linguistics, Art History, Foreign Languages or Jewish Studies, excellence defines the level of scholarship and research conducted by faculty and students.

The Institute of Archaeology's excavations at major historic sites have shaped many of the current models in archaeology. The Institute serves as a teaching and training institution that also conducts interdisciplinary research programs.

The School of Education is a nationwide leader in academic instruction, training and research. Its faculty members have received half of the competitive research grants awarded to institutes of higher learning in Israel. Strengthening Jewish education around the world is yet another aspect of this crucial work. ■

PRESERVING AND ENRICHING JEWISH CULTURE

The Hebrew University of Jerusalem is the world's wellspring for Jewish studies. Scholars at the Mandel Institute of Jewish Studies and other centers of excellence expand our understanding of Jewish culture, from Biblical to contemporary times, from Russia and Eastern Europe to Africa and the Middle East. This interdisciplinary work is facilitated by a collection of intellectual resources unparalleled anywhere else in the world. Libraries and special collections abound, attracting scholars from near and far.

The Albert Einstein Archives are a magnet for scholars. So too is the Orion Center for the Study of the Dead Sea Scrolls. The Steven Spielberg Jewish Film Archive houses the world's largest collection of film about Jewish history, culture and life. This rare and precious footage is made accessible to the public.

Jewish continuity and a deepened connection to Israel are fostered by the Rothberg International School, which offers content-rich educational programs to undergraduate and graduate students. For more than 50 years, the Rothberg International School has attracted students from many countries, establishing vital links and enduring bonds. ■

Clockwise from left: Archaeologist Dr. Eliat Mazar excavates the site of an ancient city wall in Jerusalem; Studying the Torah at the Mandel Institute of Jewish Studies; Rothberg International School students; Students at the Mount Scopus campus

BUILDING BRIDGES TO PEACE

The Hebrew University of Jerusalem maintains a longstanding commitment to advancing regional cooperation. This belief in shared human progress is reflected in initiatives that take place on all four campuses.

The Harry S. Truman Research Institute for the Advancement of Peace promotes peace and cooperation in the Middle East and among the peoples of the world. Composed of six regional research units, The Truman Institute conducts and publishes research, organizes regional and international conferences and hosts workshops. The Truman Institute also sponsors fellowships for scholars. Whether the topic is multicultural coexistence or managing energy resources across borders, Truman Institute activities encourage engaged, respectful discussion between people from many backgrounds.

In addition, The Faculty of Medicine and the Robert H. Smith Faculty of Agriculture, Food and Environment launch collaborative, bilateral projects that save and improve lives. Joint research with Israel's neighbors includes work on leishmaniasis, a pernicious disease afflicting animals and humans; and research designed to boost the disease-resistance of cassava, an essential crop for many societies.

The Braun School of Public Health, which is vital to the well-being of Israel's people, educates and trains international students through a unique master's degree program. Graduates who receive the International Masters in Public Health (IMPH) become healthcare leaders in their own countries and in the global forum.

A recent program created between The Hebrew University-Hadassah School of Dental Medicine and Al-Quds University enables Israel's finest university to teach Al-Quds graduate students state-of-the-art dental medicine. This partnership, like so many others initiated by The Hebrew University, creates a climate of goodwill, promotes dialogue between Israel and her neighbors, and fosters human progress. ■

Clockwise from left: The Faculty of Law; Lifesaving technology transmits medical images via cell phones; The Harry S. Truman Research Institute for the Advancement of Peace



CIVIC AND SOCIAL RESPONSIBILITY

Israel's ambassadors to the United Nations and to the United States, many current Supreme Court justices, several Attorneys-General, and senior government officials have graduated from The Hebrew University and were often schooled at its Faculty of Law. At Israel's leading center for legal research and scholarship, students are inculcated with the values of social responsibility through their volunteer experiences at the Israel Justice Center. The Minerva Center for Human Rights is Israel's preeminent academic center for human rights research and education.

Hebrew University's Research Center for Bioengineering in the Service of Humanity pursues the latest advances in order to foster universal good health. Exciting bioengineering projects are advancing early-stage tumor detection for cancer and developing low-cost energy sources. Outreach by the Paul Baerwald School of Social Work promotes the well-being of Israel's diverse population. The Federmann School of Public Policy and Government offers unique leadership programs such as *Atidim*, which enables talented students from underprivileged communities to succeed professionally and academically. ■

BECOMING AN AMERICAN FRIEND OF HEBREW UNIVERSITY

By supporting American Friends of The Hebrew University and The Hebrew University of Jerusalem, you can help to ensure that research and academic excellence continues for the betterment of Israel and our world. Your generosity and commitment to AFHU's mission helps us to assure that The Hebrew University continues to be Israel's educational leader, producing new generations of brilliant scientists, scholars, policy-makers and leaders.

The future of Hebrew University and Israel begins here: with American Friends of The Hebrew University. Together, we can affirm Israel's role as a beacon for the Jewish people worldwide and as "a light unto the nations."

Please contact AFHU's national headquarters, an office in your region, or visit us online at www.afhu.org. Discover how your contributions and involvement in AFHU programs, events and missions to Israel can make a positive impact now and for future generations. ■



AFHU Regional Offices

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Southeast: 561-750-8585, 800-899-AFHU (2348)

Midwest: 312-329-0332, 877-642-AFHU (2348)

Western: 310-843-3100, 800-916-9998

Northwest: 925-937-AFHU (2348)

AMERICAN FRIENDS OF THE HEBREW UNIVERSITY

American Friends of The Hebrew University (AFHU) is a national, not-for-profit 501(c)(3) organization that provides programs, events and activities in support of The Hebrew University of Jerusalem. Forging a meaningful partnership between people in the United States and Israel's people, AFHU helps to ensure the nation's well-being by nurturing Israel's greatest asset: the intellectual strength of its people. Founded in 1925 by the American philanthropist Felix M. Warburg, AFHU has been a central force in The Hebrew University's rise to international prominence. Today, AFHU is part of an international society of Friends organizations spanning more than 25 countries. ■

AFHU Honorary Chairman Ira Lee Sorkin receiving an honorary doctorate from Hebrew University President Professor Menahem Ben-Sasson and Rector Professor Sarah Stroumsa

Back Cover, clockwise from top: The Rothberg Amphitheater at Mount Scopus; The Ardon Windows at the Jewish National and University Library; Researchers at the Faculty of Medicine; Growing crops on an experimental farm at the Robert H. Smith Faculty of Agriculture, Food and Environment



American Friends of The Hebrew University
Nurturing Israel's Greatest Asset

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