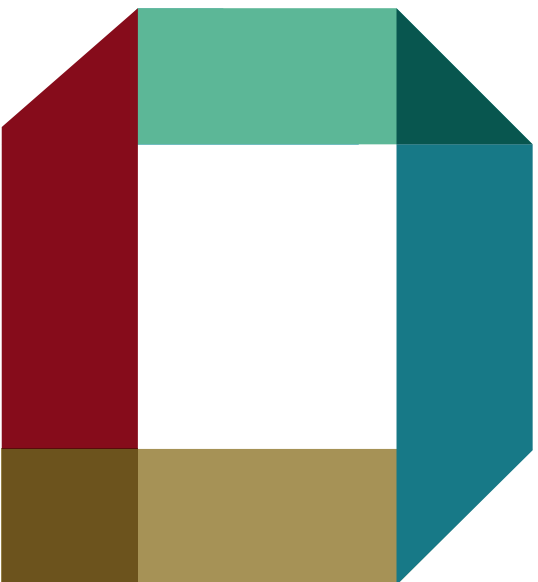


The President's Report | 2020





Dear Governors and Friends,

As the 2019/20 academic year draws to a close, I would like to share an update on what has turned out to be a tumultuous period. The year commenced with much excitement, starting with increased student enrollment and new faculty appointments, and continuing with prestigious awards, prizes, and competitive grants.

Yet we cannot celebrate our achievements without also acknowledging that this year was truly unlike any other, as we experience a global pandemic on an unprecedented scale. Despite the hardships that the Coronavirus has posed to our academics, research, and community, it has also created new opportunities. I am pleased to share an overview of these developments with you in the following pages.

A Year of Development and Growth



Increased Enrollment: This year we welcomed increased numbers of first-year students, reaching 4,400 individuals (compared to 3,800 the previous year and 3,700 before that). This brings the total number of undergraduate students to approximately 12,000. We also welcomed 2,000 new graduate students, bringing the number of master students to 6,600, along with approximately 2,400 doctoral and 700 post-doctoral researchers. Together with students in preparatory programs and international students in short-term/non-degree programs, our campus community is over 24,000 students strong.

Although there is no single explanation for this impressive increase, one indicator may be found in the results of our extensive annual survey. The numbers indicate that undergraduate and master students alike reported an increase in their overall satisfaction from the Hebrew University and would recommend the Hebrew University to a friend. Both these factors are continuously on the rise, and the trend is clear – we are providing our students with a positive educational experience.

New Faculty Appointments: Our University is currently home to 940 full-time faculty members, who are the engine of our academic growth. As such, we are proud to announce that the University has approved the recruitment of a large cohort of new faculty members. Looking ahead to 2020/21, at least 51 new faculty members will begin tenure-track positions, including 22 scholars in the humanities and social sciences and 29 in the experimental sciences. This cohort includes 20 women, 2 Arabs, and 5 recent arrivals to Israel. At the same time, a number of researchers are scheduled to retire, bringing the number of positions to 957. This continues the growth trend of the last four years, with a net increase of 65 tenure-track faculty members.

Academic Prizes: This year our faculty members were recognized by international prizes celebrating their excellence.

Our University marked a milestone when Prof. Hillel Furstenberg from the Einstein Institute of Mathematics became the first Israeli to win the *Abel Prize*, considered the “Nobel of Mathematics.” The prize was awarded “for pioneering the use of methods from probability and dynamics in group theory, number theory, and combinatorics.”

The *EMET Prize* in Nanotechnology was awarded to Prof. Yechezkel (Chezy) Barenholz of the Faculty of Medicine, developer of the cancer treatment DOXIL, for excellence in his academic and professional achievements.



On the national stage, two of our researchers received the *Israel Prize*. Prof. Dani Zamir from the Faculty of Agriculture, a world-renown plant geneticist and cultivator, for his contributions to agriculture in Israel and abroad; and Prof. Benamin Kedar from the Faculty of Humanities, for his breakthrough historical studies of the Middle Ages in Europe and the Crusaders, and the history of Israel in the 20th century.

The *Rothschild Prize* was also awarded to two Hebrew University scholars: Prof. Hannah Margalit from the Faculty of Medicine for her research in bioinformatics, computational biology, and biological systems; and to Prof. Guy Stroumsa from the Faculty of Humanities, for his research on the dynamic meeting of religious during the Roman Empire and Ancient Era.

The *Krill Prize*, which is awarded to young, excelling scientists, was bestowed upon Dr. Yonit Hochberg from the Rakah Institute of Physics for her innovative approaches to studying fundamental physics and theories for understanding dark matter.

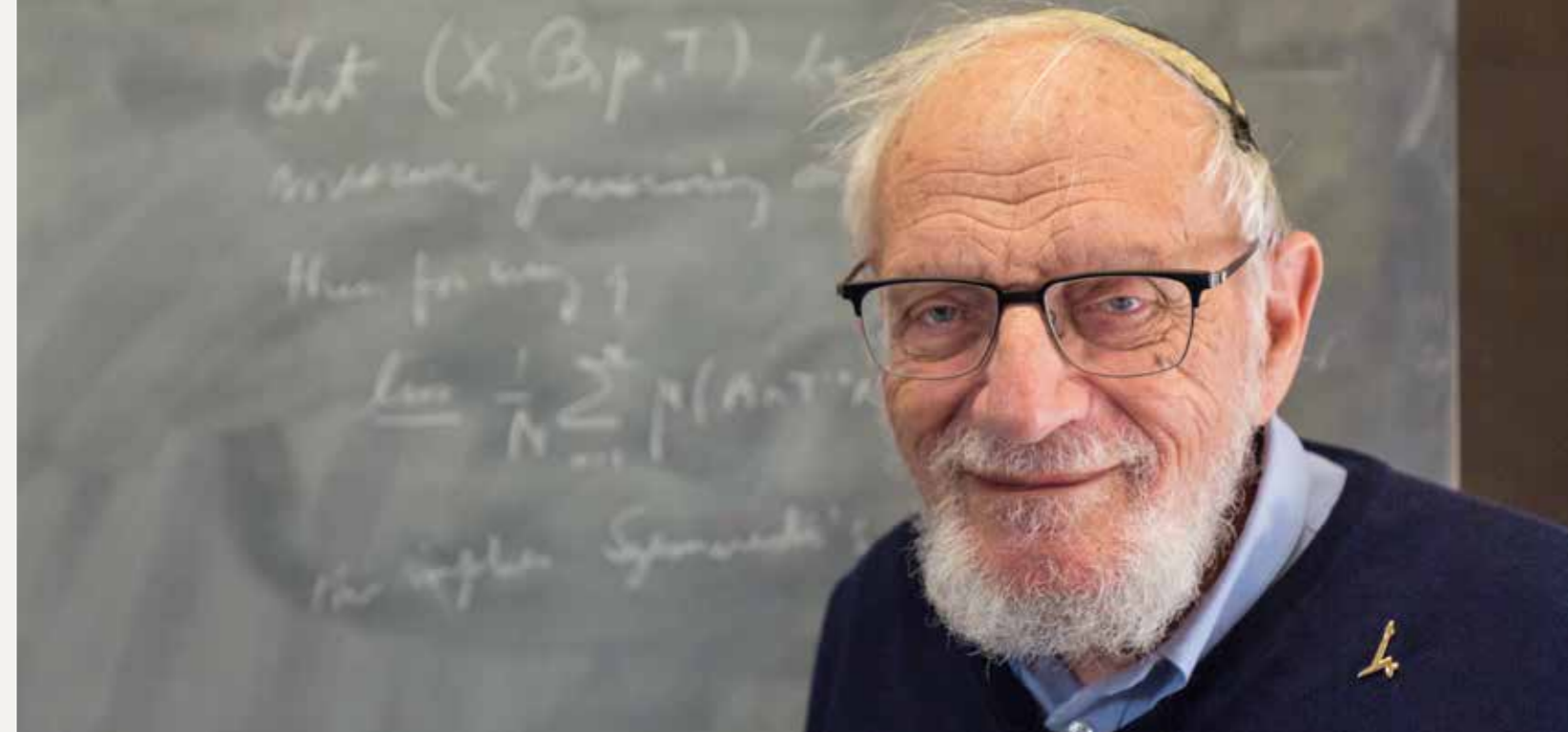
The *Dan David Prize* was given to Prof. Amnon Shashua from the School of Computer Science for his unique contribution to research and development of groundbreaking digital sight and artificial intelligence technologies.

Prestigious Research Grants: Over the last year, our researchers have continued to receive the most prestigious and competitive research grants.

Three Hebrew University faculty members won highly competitive *European Research Council (ERC) Advanced* grants, which provide long term funding in support of ground-breaking, high-risk projects. These include Prof. Yinon Ben-Neria from the Faculty of Medicine, for developing an “onco-destroyer” to combat acute leukemia; Prof. Alex Lubotzky from the Einstein Institute of Mathematics received his third ERC Advanced grant, for studying “Stability and Testability: Groups and Codes TeStability”; and Prof. Gideon Shelach from Asian Studies, for studying the people and ecology of medieval Mongolia and China.

In addition, five of our faculty members received *ERC Starting* grants, which support researchers within 2-7 years of receiving their doctorate: Dr. Abed AlFatah Mansour (Medicine); Dr. Yotam Drier (Medicine); Dr. Ido Goldstein (Agriculture); Dr. Yoav Adam (ELSC); and Dr. Hannelies Koloska (Buber Fellow, Humanities).

This was a particularly strong year for our university in terms of *Israel Science Foundation (ISF)* grants. We received 120 *ISF* grants this year, a 10% increase from last year. This was an increase in the total amount awarded, as well as a significant



jump in our University’s share of the awards, percentage wise. In 2020 we received 46.3 million NIS, representing 23.3% of the available funding, up from 30.6 million NIS and 17.6% in 2019, and 34.9 million and 21.3% in 2018. The main increase this year was in the awarding of equipment grants for new researchers – an impressive 21 grants (totaling 10.3 million NIS), up from 8-9 awards in previous years. This is a strong indication of the quality of our newly hired researchers and holds great promise for the future.

Another area where our new faculty members shone was *BSF Research* grants, awarded by the US-Israel Binational Science Foundation. While the Hebrew University was awarded 15 grants, comprising 18% of the total number of grants available, 7 of these were *Start-Up Research* grants, which will enable our newest faculty members to establish cooperation with their peers in the United States.

The Hebrew University on the Global Stage: Many of our University’s departments continue to be ranked highly. This is a testament to the excellence of our researchers, not only on the local stage, where the Hebrew University continues to lead in Israel, but also globally.



The Faculty of Law has continued its ascent, and is now ranked #33 in the world, placing it 2nd among universities whose language of instruction is not English. The Einstein Institute of Mathematics continues to be ranked highly and is now #25 worldwide. Furthermore, our Public Administration program, within the Federmann School of Public Policy, is now ranked 40th worldwide.

In addition, the Bogen Family Department of Economics, the Department of Political Science, and the Koret School of Veterinary Medicine each continue to be ranked among the top 75 institutions of their kind worldwide.

Lastly, we are proud of the Department of Psychology and the Agricultural Sciences for being ranked among the top 100 worldwide.



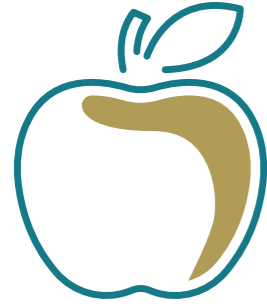
Creating a Greener Campus: Caring for the environment is a moral imperative, rooted in the notion that we bear a responsibility towards future generations. Hebrew University scholars are recognized as local and global leaders of sustainability, as they are at the forefront of fields such as planning and ecology, renewable energy, food sources, recycling, and the study of global processes.

While many of their studies indeed have practical applications or emerge as commercial endeavors, I believe that we must also take practical steps to safeguard the environment and conserve limited natural resources right now – starting with our campuses.

Israel's Ministry of Environmental Protection has certified all four of our main campuses as "Green Campuses." We established *Campus Yarok* (Green Campus), a professional team responsible for sustainability at our University. In addition, our Building and Infrastructure Department has undertaken a number of environmental projects, which include the following:

- Installing a network of photovoltaic cells on Mt. Scopus rooftops, which provides 1.2 megawatts of electricity – the largest among Israel's universities;
- Replacing 400 showerheads in the dormitories with eco-friendly models;
- Installing energy conservation systems across the four campuses;
- A Green Campus competition, with financial support for student, staff, and faculty initiatives;
- Installing solar-heated water systems in the dormitories, as well as efficient heating and cooling systems;
- A campaign to raise awareness and promote more environmentally friendly behavior;
- Over the last decade, all new construction projects have been certified at least LEED Silver;
- A representative of *Campus Yarok* is a member of our planning committee;

In addition, we are proud to be active partners in extending Jerusalem's light rail to our campuses, which will encourage many to opt for mass transit rather than driving. We're also working to increase recycling, reduce the amount of paper used, and phasing out disposable dishes.



Areas for Future Growth: One field in which we are actively working to improve is the diversity of our students and providing equal access to education. In particular, there are three sectors whose presence we are striving to increase on campus, across faculties, degree levels, and even in hiring. These are the ultra-Orthodox, Arabs, and first-generation students.

One challenge we face is recruiting these students, another is retaining them. We have established a network of support counselors, the majority of whom are Arab, who reach out to first-year students at the first signs of difficulty and direct them towards academic, social, and financial support. Early interventions that help students, no matter their background, help get them on the right track and benefit that student throughout their entire academic career.

Ultra-Orthodox Students: Recent years have seen a rise in the number of students who self-identify as ultra-Orthodox studying at the Hebrew University – at all levels. Especially noteworthy are the master and doctoral students, who often hold bachelor’s degrees from ultra-Orthodox institutions. Thus, our University plays a crucial role in training a burgeoning ultra-Orthodox academic cohort, which will act as academic ambassadors and agents of change in their communities.

Starting in the 2020/21 academic year, we will be running additional support programs for ultra-Orthodox students, beyond those already offered by the Center for Diversity. These include offering financial and social support for students of Computer Science and Electrical & Computer Engineering, as well as expanding the Public Emissaries program (*Shluhei Tzibur*) to include undergraduate students, while increasing the number of master students in the program.

Arab Students: We are proud to have exceeded our goals for the enrollment of Arab students – for the third year in a row. Yet we hope to further increase enrollment in master and doctoral programs. One reason for this increase is the *Sadarah* preparatory program for students from East Jerusalem. Over the last few years, the program has grown in many ways: The student body has more than tripled over the last four years; graduation rates hover around 94%, and an increasing number of graduates choose to continue their academic studies at the Hebrew University.

I deeply hope that these numbers are a good omen of what’s to come, and that the trickle of Arab students becomes a steady stream, especially in advanced degree programs. The University also needs to hire more Arab faculty members. While we do not use affirmative action, Arab faculty members are not counted towards each department’s quota, to encourage their hiring and inclusion in our academic community.



First-Generation Students: This diverse category includes students from Israel’s periphery, students from a lower socio-economic background, students of Ethiopian descent, and students who have left the ultra-Orthodox community. What they share is an absence of academic role models and financial support, along with additional trials and tribulations of life.

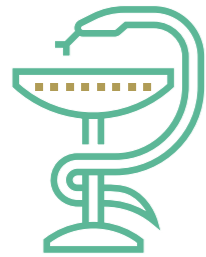
We are pleased to offer these students two alternative paths to admission: the first, an exam developed by the Feuerstein Institute; the second, a point system that factors in the students’ place of residence, background, family, high school, and more – resulting in “discounted” admissions criteria. Unfortunately, neither of these routes is utilized at full capacity.

Another route, most pertinent for those who have left the ultra-Orthodox community is our general preparatory program (*mechina*). Particularly unqualified students may participate in a *pre-mechina* training course before transferring to the regular preparatory program. We are proud of the *mechina’s* 300 annual graduates, who emerge prepared for academic studies across disciplines. Over 80% of the program’s graduates enroll at our University and some have eventually even joined our faculty!

We are committed to better advertising these alternative routes that assist students from diverse backgrounds to get a top-notch higher education at our University. Besides enabling them to realize their potential, their presence on campus and inclusion in our community enriches us all.



Swiftly Adapting to a New Reality



As we embark on a new academic year, much time has passed since the emergence of the SARS-CoV-2 pandemic. The earliest cases in Israel were reported in February, and I, along with so many others, was extremely hopeful that the virus could be easily contained. Yet as infection rates rose and with them the death toll, it became clear that besides posing a public health threat, the virus was also about to upend the world as we knew it – including the daily operations of our University.

Every problem is an opportunity in disguise, and I'm pleased to share with you the ways in which the Hebrew University's faculty, staff, and students rose to the occasion – whether as community or medical volunteers, or by conducting cutting-edge research towards better understanding, diagnosing, or curing the virus.

Human Health at the Forefront: Our annual Board of Governors, one of the highlights of our year, was scheduled to take place mid-June celebrating Human Health, one of the strategic priorities of our current campaign, *A Tradition of Innovation*. Yet as the Coronavirus spread and restrictions were put into place, *Human Health* emerged as more than a celebratory theme – it became the litmus test for every decision we faced.

By mid-March, it was clear that the Board of Governors would not be held in its normal capacity. The Executive Committee meeting that had been scheduled for mid-March was postponed to June and held entirely online. Two hundred people from around the globe were in attendance. The logistics went smoothly, and we received excellent feedback. The University administration presented challenges posed by the Coronavirus, and the committees shared updates.

We continued to connect with our Friends and supporters around the globe through our webinars, featuring leading Hebrew University researchers from myriad disciplines. Since March, our scientists have been sharing their work via Zoom, presenting their medical and scientific breakthroughs alongside the social, ethical, financial, and psychological implications of the pandemic. To date, over 4,600 people from six continents have participated in these webinars, spreading knowledge and appreciation of our researchers across the globe.

The Race to Understand, Diagnose, and Cure COVID-19:

The current pandemic has posed a steep learning curve; scientists are working to understand the virus itself, its diagnosis and effect upon the human body, and possible therapies – all for the benefit of humankind. In addition, given that the initial measures for containing the virus included restricting mobility and shutting down the economy, the pandemic has had manifold social implications, some of which are still unfolding.

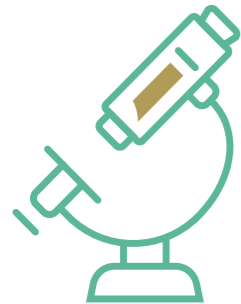


Since the pandemic's outbreak, our dedicated researchers have been tirelessly pursuing answers, shedding light on medical, scientific, and social questions alike. While it is tempting to delve into these inspiring projects and groundbreaking findings, a brief survey must suffice. My hope is that this outline will lead you to look up our researchers, many of whom have been featured in the local and international media for their accomplishments.

First and foremost, the joint Hebrew University-Hadassah virology laboratory was converted to serve as a Coronavirus testing facility, capable of analyzing thousands of tests a day. To date, our lab is the largest in Israel and has run a significant portion of the tests nationally.

As it became clear that quickly diagnosing and isolating carriers was of utmost importance, troubling reports began circulating of a worldwide shortage of testing materials. Our researchers rose to the challenge, creating a faster, cheaper way to test for the Coronavirus, using materials commonly found in diagnostic labs. This breakthrough increased the number of tests that could be conducted, without compromising their accuracy, while reducing costs and dependence on imported kits.

Another noteworthy breakthrough, conducted along with New York's Mount Sinai Medical Center, was discovering how the virus spreads within patients' lungs. The research teams discovered that the virus prevents the routine burning of carbohydrates, causing fat to accumulate in the cells – creating the perfect reproductive environment. This understanding led them to test common cholesterol-lowering drugs, one of which managed to nearly eradicate the virus within days.



Our Faculty of Medicine researchers, leaders in their fields, are studying the virus, its components, and searching for therapies, by applying computational methods to identify potential drugs; improving diagnostic and isolation modes; developing synthetic and animal models for studying the virus and testing therapies; improving the capacity of the immune system to combat the virus; developing drugs to block infection and reduce tissue damage; and identifying virus-susceptible and -resistant populations.

Other scientists are developing unique materials and products that will prevent or delay the transmission of the Coronavirus, including a spray for creating anti-viral surfaces; air filtration systems; and facemask filters for trapping viral particles.

I, along with our entire scientific community, eagerly await the opening of our bio-safety level 3 (BSL-3) laboratory later this year, which will enable our researchers to conduct further research, validate their findings, and increase their participation in the international quest to combat the Coronavirus.

Additionally, our graduate students and faculty members are carrying out studies that examine the social implications of the pandemic. These include the effect of the shutdown upon Israelis' smoking habits and a proposal for leveraging the crisis to encourage quitting; developing a model for studying contagion within cities and its long-term effects, used as a tool for training first responders and decision-makers; studying how social isolation impacts the brain and people's psychological well-being; surveying how the pandemic has affected children, students, and migrant caregivers; identifying predictive factors for non-adherence to health guidelines, and more.

As humanity comes together to combat the largest threat our generation has known, I'm pleased to see that Hebrew University scientists and researchers are making esteemed contributions on the local and international stages.



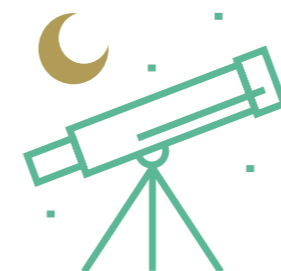
Transitioning to Online Learning: The spread of the SARS-CoV-2 virus across Israel coincided with our semester break, thus likely reducing the number of students and faculty who might have otherwise contracted the virus on campus. Towards the end of the break it became evident that face-to-face learning would not be feasible in the near future, and we announced that the second semester would be taught entirely online.

To enable our faculty and students to prepare for online teaching and learning, the opening of the spring semester was postponed by one week. Within two weeks we had established the infrastructure and guidelines for online teaching and learning, and the semester got off to a smooth start.

Initially, we had hoped to keep our campuses, laboratories, administrative units, and libraries operating, as well as hold the first-semester exams on campus. Yet as the entire country moved towards a complete lock-down, governmental restrictions dictated that the campuses close their doors, exempting only those laboratories conducting Coronavirus research and select projects that would suffer irreparable setbacks.

The most stringent phase of the shut-down lasted five weeks; gradually, we were able to resume many normal activities: the first to open were our laboratories, then our administrative staff returned to work, the libraries opened, and some exams were held on campus – all in accordance to the Ministry of Health's guidelines. In addition, we were able to hold clinical, laboratory, and practicums in person, yet all other classes remained online for the duration of the semester.

The second semester challenged us in many different ways. The determination of our faculty, staff, and students was noteworthy; their dedication made this semester possible.



Our Students Rise to the Hour: While the second semester posed previously unimagined challenges to our students, they took it all in stride and even found ways to offer a helping hand to others. During the darkest days of the crisis, our students were quick to identify needs and craft solutions, often organizing to address problems in a systemic fashion. Below are brief descriptions of select student activities:

- Joined Israel's ambulatory services, Magen David Adom, and conducted Coronavirus tests at people's homes, factories, seniors' homes, and drive-through test sites;



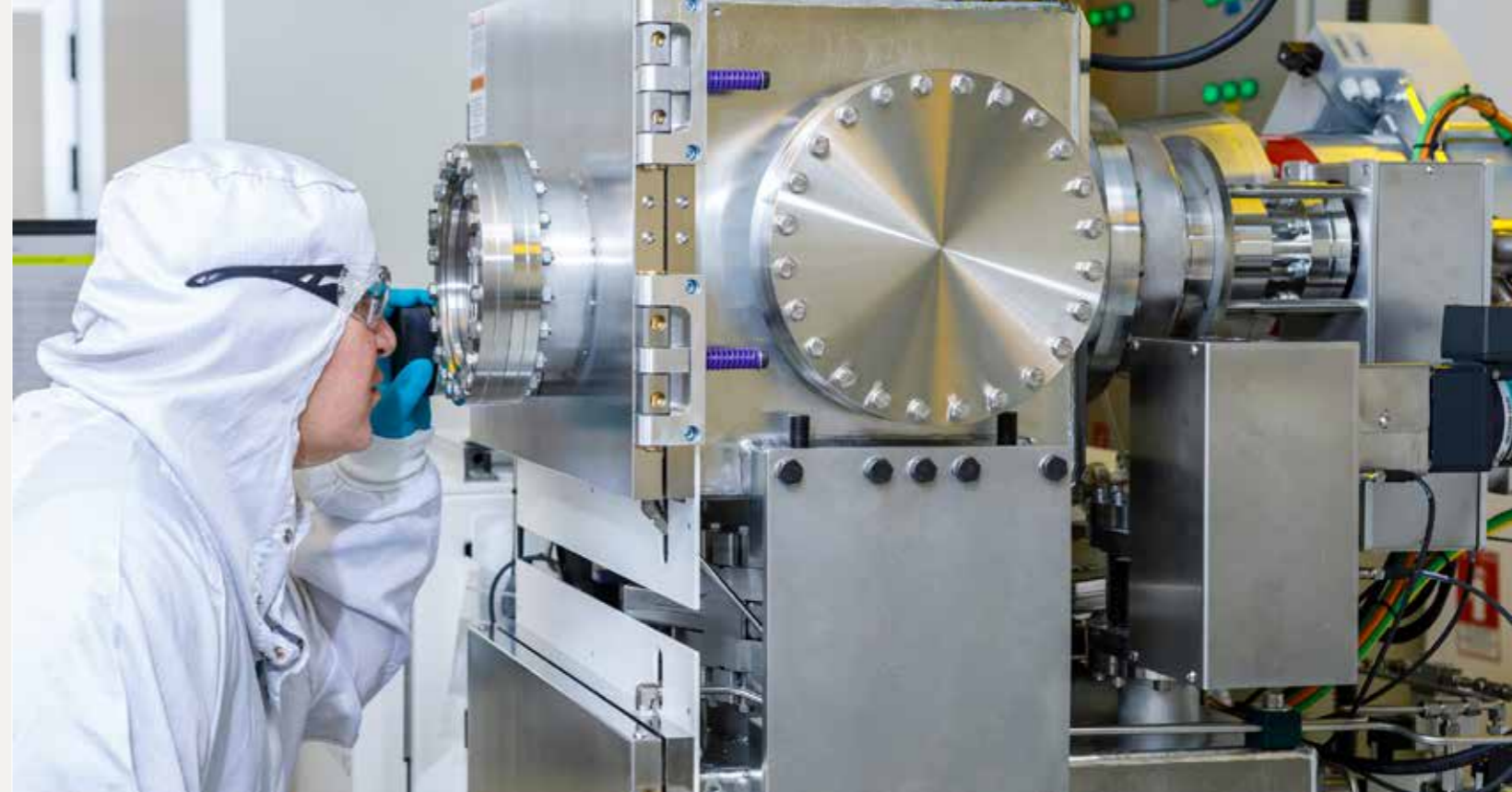
- Spearheaded the establishment and staffed a joint HU-Hadassah virology laboratory processing the tests, enabling the laboratory to operate 24/7 and run over 2,000 tests a day – a significant portion of the national total;
- Babysat the children of essential workers, enabling medical professionals and others to go to work knowing their kids were under adult supervision;
- Coordinated with the largest HMO to pick up and deliver prescription medications for the elderly, a life-saving service for those whose families live far away and were unable to help during the lock-down;
- Provided dialysis services in people's home, sparing patients a risky and challenging trip to the hospital;
- Organized groups of their peers to help deliver food to house-bound residents or those unable to go to the supermarket;
- Translated hundreds of applications for unemployment benefits submitted by East Jerusalem residents and uploaded them to the National Insurance Institute's website;

These initiatives, and many others like them, are a badge of honor. We are proud of our students' social awareness and responsibility, driving them to reach out to others in times of distress. At the same time, I was not surprised by this spirit of volunteerism and involvement – it continuously enlivens and enriches our community during ordinary times.

Supporting Our Students in Challenging Times: The Coronavirus pandemic posed unprecedented academic, financial, and emotional challenges to our students. We were quick to respond, helping students make the most of the semester.

The University leadership immediately realized that our students would need significant help to get through this challenging period. We established a Student Relief Fund, which eventually raised just over 2 million NIS – more than twice any other Israeli university. Donors came from near and far to support this cause, including prominent alumni, members of our Management Committee, and our own leadership, who tithed 10% of their salaries to the fund. Ultimately, we were able to approve nearly 100% of the applications, reaching approximately 1,000 scholarships.

University Vice President and Director General, Yishai Fraenkel established a trilingual University-wide Coronavirus website for self-reporting quarantines,



staying up to date on Ministry of Health regulations, reading University-wide messages, gaining skills for online teaching and learning, and reading about the cutting-edge Coronavirus research being conducted by our faculty. In addition, he established dedicated communication channels within our community, hearing from faculty, staff, and students, and sending updates regarding exams, on-campus exposures, and more.

The Dean of Students Office, under the leadership of Prof. Guy Harpaz, reached out to connect students with the administrative units under its auspices, which moved online during the shutdown. As the administrative staff was put on leave, the psychological services remained fully operational, even taking in new cases daily. This office also conducted a survey on students experiences and feelings and reached out to students who self-identified as needing help, as well as informed students of various forms of financial assistance and relief available, including dividing tuition into interest-free installments, a reduction of dormitory fees, and scholarships available from the aforementioned Relief Fund.

Public Activity and Contribution to the Community



As an institution of higher learning, our University's contribution to society is, first and foremost, our teaching and research. Our departments, institutes, and curricula cover nearly every subject under the sun, and we're proud to be nurturing the next generation of leaders, scientists, thinkers, and innovators.

Higher education remains the key to social mobility, contributing towards the narrowing of social gaps and creating a more equal society. Practically speaking, our patents, research projects, and start-ups offer employment opportunities, generate income, and contribute to Israel's economy, all while having a vital impact upon humanity.

And yet, any evaluation of our University must look beyond academic outputs. Our social impact is an ethical imperative, and I'm pleased that many of our faculty, staff, and students are working towards creating a just society outside of the classroom, whether through organized activities or personal voluntary work.

What follows are examples; it would be nearly impossible to create an exhaustive list of ways in which members of our community reach out and dedicate themselves to the greater community.

1. Unique Academic Programs: These programs target two distinct groups of students, offering them each a valuable academic opportunity.

The first group comprises international students, primarily from third-world countries, who earn a master's degree in a field of Israeli expertise (development, agriculture, or public health). These students gain top-notch professional knowledge and skills, often assuming local or national leadership roles in their home countries.

The second group are students who do not qualify for University admission but are nonetheless determined to pursue a higher education. There are five preparatory programs associated with our University, each serving people from different walks of life, whether they wish to complete their matriculation exams, need help preparing for higher education, or graduated from a high school that was not oriented towards higher education (e.g. students from East Jerusalem and ultra-Orthodox backgrounds).

2. Equal Opportunities for Students: Our University offers many forms of assistance to students with physical handicaps or learning disabilities. The Learning Center for the Blind, operated in conjunction with Aleh, is the largest such center in Israel. It provides services for some 150 students a year, as well as 30 youngsters completing their matriculation exams in preparation for higher education. In addition, the Learning Disability Unit and the Dean of Students'



Accessibility Unit support some 2,000 students with learning disabilities, autism, and other physical and cognitive disabilities – offering both academic and emotional support.

3. Promoting Diversity and Multiculturalism: Besides the aforementioned efforts to increase the diversity of our student body, numerous language exchange programs exist on our campuses, where students tutor each other in Hebrew/Arabic along with academics. Other programs bring together secular/ultra-Orthodox students, who often encounter the "other" for the first time.

4. Student Leadership and Entrepreneurship Programs: Often run in conjunction with other organizations, some of these programs provide leadership training to students from disadvantaged backgrounds, such as Israel's social and geographical periphery, while other programs are subject-specific. This includes programs that focus on business and entrepreneurship or fostering educational and social leadership. Some programs are open to the general public, while others work with specific sectors or degree programs.



5. **Expanding Outreach to Primary and Secondary School Students:**

The University's most prolific area of community involvement, with 20+ programs ranging from supervised research projects for excelling students, enrichment activities and classes on our different campuses, one-time lectures and short-term programs in schools across Israel, and more. The subjects are likewise diverse, including math, physics, the humanities, social sciences, Asian studies, agriculture, pharmacy, engineering, business law, administration, veterinary science, neuroscience, and microbiology, among others.

6. **Community Activity:**

Our University reaches out and works with diverse groups within the city and country. Programs range from teaching Hebrew to women from East Jerusalem, helping small business owners improve their digital skills, free legal clinics, centers that work with people with autism and study young children's learning, sharing academic knowledge with practitioners in the community, teaching women to code, maintaining a field where elderly Ethiopian Jews cultivate traditional crops, and much, much more.

7. **Cultural Events and Lectures for the General Public:**

Our University organizes a number of programs that are offered to the public throughout the year, including concerts by the Hebrew University Orchestra, Science Night, Science Week, Space Week, various film festivals, public lectures on natural and life sciences, Bible, neuroscience, and more. In addition, we operate the National Natural History Collections and are joint owners of the National Library and the Bloomfield Science Museum, three institutions that offer a plethora of programming for the general public.



Conclusion

Reflecting back on the year, there is much to be thankful for. Our University is growing, our faculty are conducting world-class research, and our students are satisfied with their experience at the Hebrew University. At the same time, I find it difficult to write a message of closure, as we are still in the middle of a global health crisis that would have seemed like science fiction a year ago. Despite the challenges the Coronavirus has posed to our daily lives, I am encouraged by our researchers, working hard to find a cure; by our students, persevering through a challenging semester; by our faculty, adapting so quickly to a new reality; and by every member of our academic community, for identifying ways to reach out and help others.

Most of all, I am encouraged by our Friends and supporters. The unwavering dedication and support we have witnessed during this difficult period has been heart-warming and inspiring. This pandemic has affected us all, challenging us in unprecedented ways. Yet this steadfast support has been a beacon of hope, reminding us all that our University's impressive accomplishments cannot be undone by a pandemic – but rather that the pandemic is an opportunity for our University to shine.

For that, I thank our University community, from the bottom of my heart. I look forward to continuing our friendship, working together advance the Hebrew University of Jerusalem.

Prof. Asher Cohen, President of the Hebrew University

Financial Report 2018/19

The surplus reflects operative activity for 2018/19, and therefore expenditure does not include exchange rate variances or expenditure from previous years.

The surplus was accomplished as a result of several factors:

Income

Income deviated from the approved budget in the following categories:

- Increased income from PBC, student fees & overhead - NIS 10.5 million
- Decreased income from Friends, Yisum and the Einstein fund - NIS 32.4 million
- Surplus from others – NIS 0.5 million

Total Deficit - NIS 21.4 million.

Expenditure

Actual expenditure exceeded the approved budget in the following categories:

- Salaries and pensions - NIS 10 million
- Support for external institutions - NIS 7 million

In parallel, expenditure was less than the approved budget in the following categories:

- Acquisitions and subsidies for closed budgets - NIS 17 million
- Working budgets for administrative units - NIS 7 million
- Faculty budgets and research savings - NIS 7 million
- Reserves and miscellaneous - NIS 7 million
- Others – NIS 0.9 million

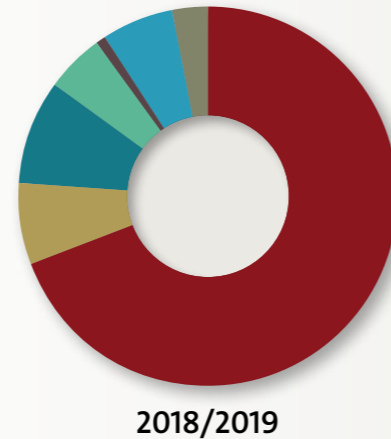
Total reduced expenditure - NIS 21.9 million

With the deficit of NIS 21.4 million and the reduced expenditure of NIS 21.9 million, there is a resulting surplus of NIS 0.54 million.

The following pages outlining financial activity relate to the University's operating budgets. Tables 1 and 3 refer to the annual budgets comprising the regular budgets and the closed budgets of several specific operations such as the Rothberg International School and the Joseph Saltiel Center for Pre-Academic Studies. Additionally, Table 2 is comprised of the last two years' budgets including the research, development and special budgets.

Table 1: Income & Expenditure 2017/18 - 2018/19 Regular & Closed Budgets
(in US \$ millions)

Income	2018/2019		2017/2018	
■ Planning and Budgeting Committee	426.33	70%	426.63	71%
■ Special Support PBC	39.93	7%	29.30	5%
■ Student Fees	54.52	9%	53.73	9%
■ Income From Friends	28.99	5%	33.93	6%
■ Endowment Funds	4.14	1%	4.23	1%
■ Overhead	39.61	6%	37.57	6%
■ Other Income	18.57	3%	19.54	3%
Total	612.10	100%	604.93	100%



Expenditure	2018/2019		2017/2018	
■ Salaries	240.43	39%	234.36	39%
■ Pension & Retirement Costs	190.50	31%	193.69	32%
■ Academic Activity	79.00	13%	77.33	13%
■ Working Budgets For Administrative Units	25.14	4%	24.16	4%
■ Acquisitions & Subsidies For Closed Budgets	4.86	1%	11.67	2%
■ Services & Maintenance	40.40	7%	39.67	7%
■ General Costs	31.77	5%	23.88	4%
Total	612.10	100%	604.93	100%

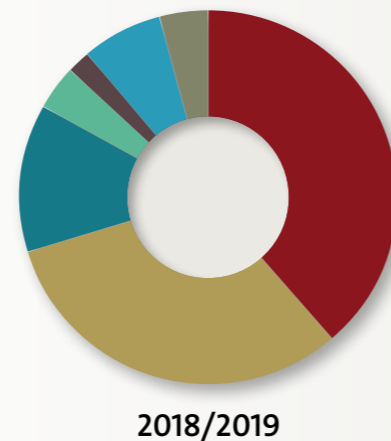
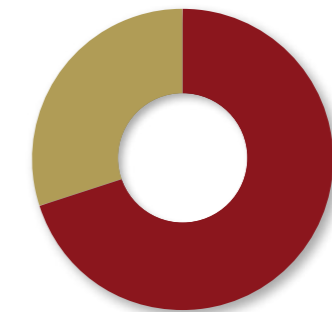
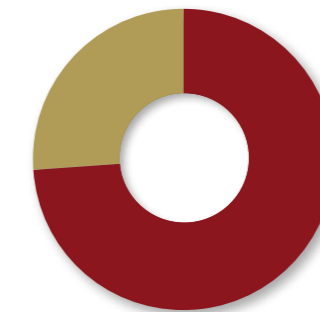


Table 2: Allocation of Overall Budgetary Income & Expenditure 2017/18 - 2018/19
(in US \$ millions)

Income	2018/2019		2017/2018	
■ Regular & Closed Budgets	612.10	74%	604.90	70%
■ Other Budgets	185.10	26%	197.46	30%
Total Income	797.20	100%	802.36	100%



Expenditure	2018/2019		2017/2018	
■ Regular & Closed Budgets	612.10	74%	604.90	70%
■ Other Budgets	185.10	26%	197.46	30%
Total Expenditure	797.20	100%	802.36	100%

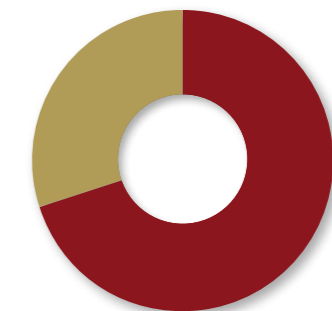
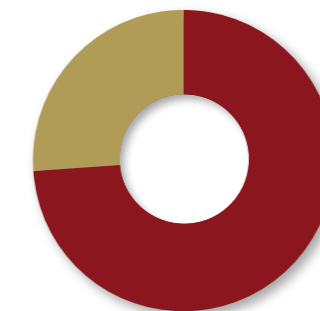


Table 3: Implementation of Regular & Closed Budgets 2018/2019

Table 3a: OVERALL EXPENDITURES (in US \$ millions)
Regular Budgets & Closed Budgets

	Total Implementation	Non-Experimental Units	Experimental Units	Academic Support Units	Central Costs & Administrative Units*	Closed Budgets
Salaries	240.43	76.1	103.71	7.96	52.66	-
Pension & Retirement Costs	190.50	-	-	-	190.50	-
Academic Activity	79.00	18.58	28.11	10.52	21.77	-
Working Budgets For Administrative Units	25.14	-	-	1.05	24.09	-
Acquisitions & Subsidies For Closed Budgets	4.87	0.03	1.23	-	0.50	3.10
Services & Maintenance	40.40	0.19	0.41	0.06	39.74	-
General Costs	31.77	-	-	0.09	31.68	-
Total Expenditures	612.10	94.90	133.45	19.69	360.89	3.10
Percentage of Total Expenditures	100%	16%	22%	3%	59%	1%

*Including central expenses such as pension costs, and maintenance and revaluation differences on liked balance sheet items.

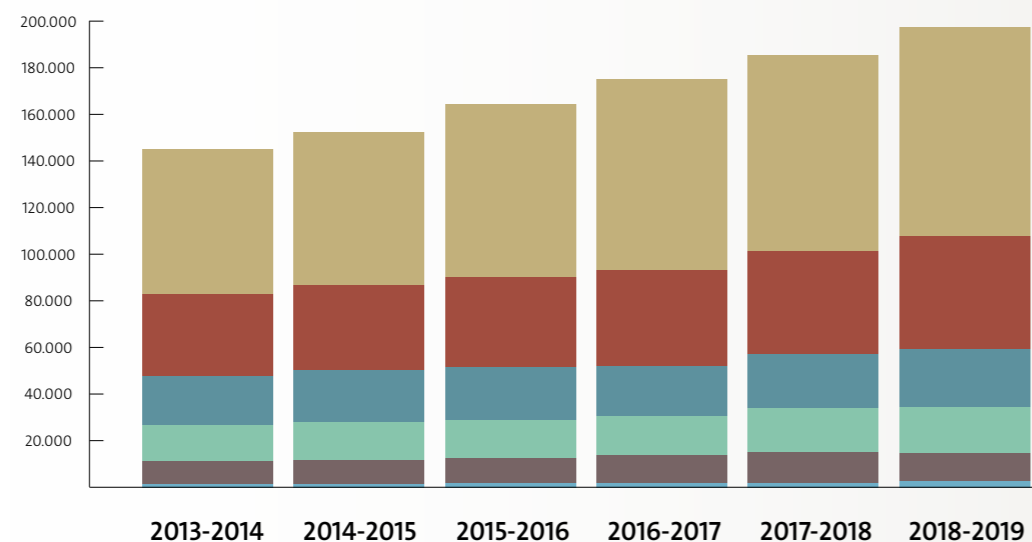
Table 3b: NON-EXPERIMENTAL UNITS (in US \$ millions)

	Total	Humanities	Social Sciences	Law	Education	School of Business Administration	Social Work
Salaries	76.10	28.13	25.99	7.47	5.15	4.72	4.63
Academic Activity	18.58	4.96	5.39	2.61	1.74	1.91	1.96
Acquisitions & Subsidies For Closed Budgets	0.03	-	-	-	-	-	-
Services & Maintenance	0.19	0.08	0.05	0.02	0.02	0.01	0.01
Total Expenditures	94.90	33.17	31.44	10.11	6.91	6.64	6.61

Table 3c: EXPERIMENTAL UNITS (in US \$ millions)

	Total	Sciences	Agriculture	Medicine	Computer Science & Engineering	Pharmacy	Dental Medicine	ELSC
Salaries	103.71	44.37	21.84	19.65	8.44	4.97	3.40	1.04
Academic Activity	28.11	10.28	6.56	4.87	3.17	1.86	1.13	0.25
Acquisitions & Subsidies For Closed Budgets	1.23	-	1.22	-	-	0.01	-	-
Services & Maintenance	0.41	0.18	0.09	0.09	0.02	0.02	0.01	-
Total Expenditures	133.45	54.83	29.71	24.61	11.63	6.86	4.54	1.287

Table 4: Research Budget According to Groups (in US \$ millions)



Group	2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
GROUP 1: Faculty of Science, School of Engineering & Computer Sciences	62.30	65.49	74.02	81.53	83.80	89.71
GROUP 2: Faculty of Medicine, School of Pharmacy, Faculty of Dental Medicine	35.14	36.39	38.80	41.16	44.13	48.35
GROUP 3: Faculty of Agriculture, Food & Environment	20.84	22.36	22.66	21.39	23.15	25.15
GROUP 4: Faculty of Humanities, School of Education, School of Business Administration	15.63	16.38	16.56	16.75	19.02	19.63
GROUP 5: Faculty of Social Sciences, School of Social Work & Social Welfare	9.96	10.20	10.61	12.03	13.17	11.78
GROUP 6: Faculty of Law	1.33	1.46	1.64	1.89	2.20	2.88
Total	145.20	152.28	164.29	174.75	185.47	197.50

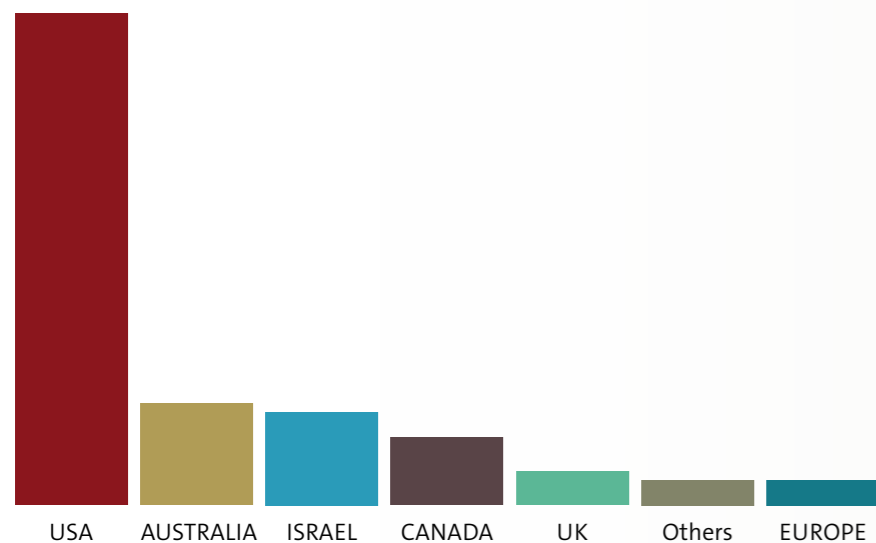
Table 5: University Endowment Funds, Growth and Income 2018/2019 (in US \$ millions)

Year	Total Assets of Endowment Funds	Net Profit	Net Profit (as %)
2018/2019	562.6	26.3	4.7%
2017/2018	515.4	30.3	5.9%
2016/2017	510.6	31.7	6.2%
2015/2016	456.2	22.0	4.8%
2014/2015	440.2	8.9	2.0%
2013/2014	471.5	31.5	6.7%
2012/2013	476.3	39.5	8.3%
2011/2012	420.2	2.1	7.6%
2010/2011	410.1	-1.2	-0.3%
2009/2010	429.9	34.3	8.0%
2008/2009	390.7	16.5	4.2%
2007/2008	391.2	37.2	-9.5%
2006/2007	394.3	32.9	8.4%
2005/2006	347.8	22.7	6.5%
2004/2005	328.0	26.6	8.1%
2003/2004	308.6	23.6	7.6%

From 2003/2004 until today, the assets of the University's Endowment Funds have grown by \$254 million, from \$308.6 million at the end of 2003/2004 to \$562.6 million at the end of 2018/2019, with an average growth of \$16.9 million per year. Net income from Endowment Funds during 2018/2019 amounted to \$26.3 million, a yield of nearly 4.7%. The income shown in the financial statements for 2018/2019 is due to profits from investments. In accordance with the policy of the Endowment Funds Committee, about 23% of the Funds' investments are linked to the US dollar and the remaining 77% are linked to the New Israeli shekel. Starting in 2003/2004, Endowment Funds financial statements have been prepared and presented in nominal shekels (NIS), instead of in dollars (US\$). The figures for 2018/2019 were calculated according to the exchange rate on September 30, 2019. The Funds' total assets are presented in dollar terms, rather than in shekels. "Therefore, shifts are due not only to fluctuations in the Funds, but also to changing exchange rates. (The exchange rate decreased approximately 4% between September 30, 2018 and September 30, 2019).

Table 6: Amounts Received from Friends Organizations (in US \$ thousands)

Source of	Regular Budget	Special & Research	Development Budget	Endowment Funds	Year To Date All Categories	Percentage of Total
USA	16,366	33,808	6,128	3,711	60,013	53%
AUSTRALIA	1	708		11,881	12,590	11%
ISRAEL	1,900	5,129	381	2,931	10,342	9%
CANADA	2,842	6,549	765	4	10,160	9%
UK	1,183	8,147	30	10	9,370	8%
Others	2,320	2,308	938	56	5,621	5%
EUROPE	399	3,395	0	323	4,117	4%
Total	25,012	60,044	8,242	18,916	112,213	100%



Total 2017/2018	96,425
Total 2016/2017	118,774
Total 2015/2016	99,506
Total 2014/2015	106,803
Total 2013/2014	106,801

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