Prof. Yehuda Danon, MD.
President

I am honored to play a part in the history of this young, dynamic and innovative institution which recently achieved full-fledged university status, making it Israel’s 8th research university and the first new university to open in Israel in over 40 years.

Ariel University (AU) is Israel’s fastest growing institution of higher education. Our 15,000 students represent the full spectrum of Israeli society: Jews and Arabs, secular and observant, new immigrants and native-born Israelis.

AU offers the highest standards of academic excellence to all its students and is rising to the challenge by charting new and innovative breakthroughs in a wide spectrum of faculties, including biotechnology, brain science, robotics and electronics.

Thanks to its innovative, groundbreaking research and its friendly, welcoming environment, new immigrants and returning Israeli academics continue to choose AU as their research hub.

I invite you to join us in helping to build a brighter future for our students.

Prof. Danon became President of Ariel University in October, 2012. Following graduation from Hadassah Hebrew University Medical School, he specialized in Pediatrics and Immunology. Prof. Danon served as the Surgeon General of the IDF from 1982-1991. He was the Director General of Belinson Medical Center, and founded the Schneider Children’s Hospital. He established the Ministry of Health’s National Council for Children’s Health and Pediatrics and has served as Chairman of the since its establishment.
PROF. MOSHE ARENS
Chairman of the International Board of Governors

As the Chairman of the International Boards of Governors since its inception, I have witnessed the tremendous advancement and development of this great institution. I urge you to join with us to ensure the highest standards of education while simultaneously strengthening Israel and investing in a brighter future for our promising students. There is no better investment than education.

Moshe Arens is a professor of aeronautical engineering and former Vice President of Israel Aircraft Industries. He served as Israel’s Defense Minister and Foreign Minister, as well as Israel’s Ambassador to the US. He recently authored the book, “Flags Over the Warsaw Ghetto”.

MAJ. GEN. (RES.) HERZLE BODINGER
Chairman of the Executive Committee

One of Ariel University’s many attributes is its national strategic importance to the region. Located in the city of Ariel, it overlooks the entire Israeli coastal plain and connects the major urban block to the Jordan Valley. The university works closely with the Ministry of Defense in developing innovative and cutting edge technologies for the welfare and security of Israel’s citizens. I call upon you to be a partner in ensuring the continuing development of these technologies at Ariel University for the benefit of security worldwide.

Herzle Bodinger is a former Commander of the Israeli Air Force. He is currently the Chairman and President of RADA Electronic Industries, the Chairman and President of the Israel Air Force Association and the Chairman of the Fisher Institute for Air and Space Strategic Studies.
HIGHLIGHTS

\ AU’s flagship is the Free Electron Laser (FEL) Particle Accelerator, the only one of its kind in the Middle East.

\ AU’s 15 research centers include a world-renowned Advanced Metal Materials Laboratory, one of four worldwide.

\ AU’s research achievements have won international acclaim and are presented at conferences and published in hundreds of renowned international scientific publications.

\ Projects conducted at AU have resulted in the establishment of several start-up companies.

\ AU invests great effort and resources to implement a wide-based support system for students in need of scholastic, personal, economic and technical help.
CAPITAL PROJECTS

BUILDING INFORMATION MODELING (BIM) PRESENTATION OF CURRENT AND FUTURE BUILDING PROJECTS AT ARIEL UNIVERSITY

* Planned projects refers to buildings for which there are existing architectural designs and may already be under construction.
Future development refers to buildings for which architectural designs are not yet complete.
THE SCHLESINGER FAMILY FREE ELECTRON LASER (FEL) RESEARCH CENTER

The Schlesinger Family of Los Angeles graciously donated the FEL Research Center, whose aim, among others, is to develop a radiation source in the Tera Hertz range, based on a Photo Injector FEL-RF-Linac (Radio Frequency Linear Accelerator) to advance knowledge in accelerators, in particular RF-Linacs, to train students and academic members in FEL technology and to develop the Tera Hertz radiation user center, focused on cooperation with scientists in academia, along with research institutes attached to industry.

The Free Electron Laser Particle Accelerator at AU is the only one of its kind in the Middle East. Scientists from all over Israel and the world come to the AU to take advantage of its unique attributes for technologically advanced research. The FEL Particle Accelerator is capable of firing free range electrons at extremely high speeds (near the speed of light), creating a broad spectrum of energy. The FEL affords a wide array of applications for medicine, homeland security, defense, the communications industry and more.

Applications include:
- Detecting concealed weapons and explosives without exposure to harmful radiation.
- Attacking cancer cells by penetrating the skin without harming healthy tissue.
- Instantaneous detection of pollutants without the need for lab samples.

In order to accommodate the growing demand for FEL facilities, Ariel University is planning two extensions to its existing FEL building.
FEL UNDERGROUND SHELTER (BUILDING PROJECT 1)

A second, more advanced accelerator under construction in the US is scheduled to be delivered and operational at AU by the end of 2014. The new FEL model requires that it be housed in a specially built, underground “bunker”, which will adjoin the existing FEL building. It will also house control rooms and user rooms for research and development.

The underground shelter (bunker) will measure $360 \text{ m}^2 \ (4,000 \text{ ft}^2)$.

Lead gift for naming rights of Underground Shelter: $400,000.
FEL BUILDING EXTENSION (BUILDING PROJECT 2)

The Free Electron Laser at Ariel University attracts a wide and growing variety of researchers who take advantage of its unique attributes for technologically advanced projects. In order to accommodate the growing demand, plans call for adding two floors to the existing FEL building.

The two additional floors will add ~2,300 m² (25,000 ft²) to the existing FEL building.

Lead gift for naming rights of Underground Shelter: $1,000,000.
THE NATURAL SCIENCES COMPLEX

There are 650 students studying in various departments at the Faculty of Natural Sciences, including Computer Science, Mathematics, Molecular Biology, Chemistry, Physics, Chemical and Physical Engineering. More departments are scheduled to open in the near future. Members of the faculty are respected leaders in their fields and highly regarded in Israel and worldwide.

The new ~8,400 m² (90,000 ft²) Natural Sciences Complex will consist of 3 interconnecting buildings, which will house laboratories, seminar rooms, classrooms, offices for faculty and administration, a cafeteria and an auditorium. The building will be situated in the vicinity of the other science-related facilities and existing laboratories.

Lead gift for naming rights of the Natural Science Complex: $4,000,000.

Naming rights for each building: $1,500,000.
THE HEALTH SCIENCES BUILDING

The Health Sciences Building will cover an area of ~5,000 m² (54,000 ft²) and is destined to become the cornerstone for Israel’s next medical school.

As the number of students grows each year, so does the need for new facilities to accommodate them.

At present, 1,200 students study at the School of Health Sciences in the departments of Molecular Biology (pre-med), Physical Therapy, Health Systems Management, Nutrition, Communication Disorders, Occupational Therapy, Nursing (expected to open in the near future).

Lead gift for naming rights of the Health Sciences Building: $3,000,000.
THE CLINICS BUILDING

The Clinics Building will centralize the various clinics that provide patients from Ariel and the surrounding communities with services in the fields of occupational therapy, physical therapy and rehabilitation, communication disorders and speech therapy. It will also house a pharmacy, dental clinic and daycare center for children with special needs. Some of these services are already offered in makeshift locations scattered around AU’s campus. Students from the various departments of the Faculty of Health Sciences receive on-site training and learn how to apply theoretical knowledge to real-life situations.

AU is also developing a medical simulation center which will provide students with unique, cutting-edge simulation-based tools to enrich traditional teaching and training methods. These hands-on teaching modalities are designed to enhance students’ knowledge and skills, ultimately resulting in better patient care and safety.

The new Clinics Building will cover an area of ~5,000 m² (54,000 ft²). Office space and facilities will be included for medical and paramedical staff.

Lead gift for naming rights of the Clinics Building: $3,000,000.
THE SOCIAL SCIENCES BUILDING

There are currently 3,500 students in the Faculty of Social Sciences, studying in a variety of fields, including Social Work, Behavioral Science, Liberal Arts, Political Science, Middle Eastern Studies, Economics and Business Management.

The new, ~8,000 m² (85,000 ft²) Social Sciences Building will have a modern auditorium, state-of-the-art classrooms, a cafeteria and offices for staff and faculty.

Lead gift for naming rights of the Social Sciences Building: $3,000,000.
LABORATORY BUILDINGS

In the process of becoming Israel’s 8th research university, AU established 15 research centers and 50 laboratories for the Natural Sciences and Engineering.

The continued growth in the number of undergraduate and graduate students, coupled with the advanced growth in technological and scientific know-how has created the need for new laboratories and research centers.

The buildings each measure about 2,000 m² (21,500 ft²). Currently, there are six laboratory buildings in need of being upgraded and retrofitted to satisfy the constant growth in research.

Lead gift for naming rights of each Laboratory Building: $700,000 - $1,000,000
RETOFITTED LABS

Ariel University Projects
THE GATEWAY BUILDING

With an ever-increasing student body and frequent visits by dignitaries and VIP guests, the modern Gateway Building, with its ~5,200 m² (56,000 ft²) of floor space, has only partially met the need, and therefore additional, fully-equipped classrooms, executive lounges, conference rooms and modern auditoriums are still required.

The Gateway Building connects the lower and the upper campuses.

Lead gift for naming rights of the Gateway Building: $2,500,000.

Naming rights for each wing: $1,000,000.
EXTENSION OF THE MOSKOWITZ SCHOOL OF COMMUNICATION BUILDING

Close to 500 students are enrolled at the Moskowitz School of Communication in New Media Communication, T.V. and Film, Radio, Journalism, Strategic Communication/Advertising and Public Relations. The school’s graduates are easily entering the job market and applying the skills and knowledge they acquired at AU. Students gain hands-on experience at the school’s state-of-the-art television studio, radio station (broadcasting 24/7 online) and editing rooms. Partnerships with Israeli radio and T.V. stations are being added.

To meet the demands for more teaching equipment and classroom space created by the continued growth of the school, plans have been drawn for adding a floor to the existing building that will add about 900 m² (10,000 ft²) for additional radio stations, television studios, and control and editing rooms.

Lead gift for naming rights of extension to the Moskowitz School of Communication building: $1,000,000.
AU is the only “university town” in Israel. As such, there is a high demand for modern living quarters. With 15,000 students at AU and close to 20,000 residents of Ariel, the demand for housing is rising. Currently, 2,000 students are housed in makeshift caravans and existing dorms, but the demand for housing has doubled since last year. To cater to the needs of its students, the development of a new dormitory complex is underway at AU.

The complex will be comprised of 12 buildings surrounding an area of over 70,000 m² (750,000 ft²) that will provide comfortable living conditions for around 3,600 students. Each building of ~6,000 m² will be divided into units for singles and couples, as well as specifically-designed rooms for the physically handicapped.

Naming rights for each dorm building: between $2,000,000 - $3,000,000 (depending on the size of building).
THE WEST DORMITORY COMPLEX

BUILDINGS 1-5

Bldgs. 1 and 2: in use
Bldg. 3 extension: near completion
Bldgs. 4 and 5: under construction
Bldgs. 6-17: advanced stages of planning
• Twelve buildings in the complex.
• Approx. 6,000 m² per building.
• Approx. 20-25 m² per bed (depending on room combination).
• Developer undertakes responsibility for construction costs and hookup to infrastructure.
• The land is designated for the use of the university.
A TYPICAL DORMITORY BUILDING
THE DOCTORATE RESIDENCE COMPLEX

In an effort to ease the difficulties of graduate students in juggling between their studies and raising young families, AU is investing in building affordable housing in close proximity to the university for PhD students and junior faculty.

Three residential buildings are being planned that will cover ~3,600 m² (40,000 ft²) of area, and are designated for junior faculty and doctoral students.

Lead gift for naming rights of the Doctorial Residence Complex: $5,000,000.
View from the doctorate residences towards AU campus

Doctorate building units on main road
A new Library Building (under advanced stages of construction) is located adjacent to the Central Plaza of the campus. The 4-story, approx. 18,000 m² (195,000 ft²) structure will house book collections, databases and archives, as well as related computer facilities. Its unique exterior stone and glass facade enables natural lighting to illuminate the interior. The central wing of the building (approx. 8,500 m² - 91,500 ft²) is currently under construction. Two additional wings are planned, consisting of ~4,500 m² (48,500 ft²) each.

Lead gift for naming rights of the library: $5,000,000. Other opportunities exist for naming interior elements of the building.
THE JEWISH HERITAGE CENTER

The Jewish Heritage Center building will be the focal point of the campus and will be a magnet for a community of scholars. Situated on the central plaza, the building will include a central synagogue with a capacity of 500 seats. The synagogue will serve also as a lecture hall and for communal gatherings. Smaller cultural and social halls will be used for special events. Classrooms and meeting rooms will be used for AU’s joint programs with yeshivas, as well as classes and seminars on subjects of Jewish and Zionist interest.

The 3-story structure will provide over 12,000 m² (130,000 ft²) of space. The building is divided into two main wings - the synagogue area and the classroom/meeting area. Each wing is ~6,000 m² (65,000 ft²).

Lead gift for naming rights of the Jewish Heritage Building: $2,000,000. Other opportunities exist for naming interior elements of the building.
THE ACADEMIC HI-TECH PARK

The Academic Hi-Tech Park, located adjacent to Ariel University, is destined to become a conveniently-located outlet for developing new ideas for industrial applications of new technologies developed by AU scientists. It is where Israeli and international commercial enterprises can tap bright, young talent in the continuing legacy of the Start-up Nation. The Hi-Tech Park will spread over an area of 40,500 m² (~10 acres) of land.

Lead gift for naming rights of the Academic Hi-Tech Park: $7,000,000.

Other opportunities exist for naming elements in the park.
THE MAIN PLAZA

The focal point of the university will be the Main Plaza around which several key public buildings will be located. These buildings include the Student Center, the Library, the Jewish Heritage Center and the Visitors’ Center. The Main Plaza will feature open spaces for public gatherings and events. Underground parking will be situated beneath the Main Plaza.

The ground level is divided into the 2 areas. The first is an open, circular landscaped area of approx. 8,000 m². The second area features an amphitheater of approx. 3,000 m² which takes advantage of the natural slope of the land and affords a magnificent view of the surrounding Samarian hills.

The Main Plaza will be the center of the new campus where students and faculty will be able to congregate and enjoy all the adjacent services.

Naming rights for the Main Plaza: $10,000,000
ARIEL UNIVERSITY
MAIN PLAZA
THE AMPHITHEATER

Nestled within the campus is AU’s treasure: an area where the natural layout of the land lends itself to the construction of an amphitheater overlooking a breathtaking landscape of the hills of Samaria and the Mountain of Blessing.

Modification of the natural topography will enable the university to host audiences up to 2,500 people, in a ~1,800 m² (19,500 ft²) area, providing a unique venue for large events, concerts and conferences. The amphitheater can be used by the students and the public alike and is the perfect place to celebrate special occasions and milestones.

Lead gift for naming rights of the Amphitheater: $700,000.
THE STUDENT CENTER

AU’s student body currently numbers upwards of 15,000 and is growing. Predictions call for 20,000 students by the year 2025. The university’s master plan has been designed with these numbers in mind.

To accommodate to the non-academic needs of the student population, the university offers commercial services, entertainment and recreational activities on campus for the student community.

The new Student Center at ~4,000 m² (43,000 ft²) will be located near the Main Plaza and Library and will include a restaurant area, a copy and print shop, a small movie theater, a bank and other commercial services geared towards the students’ needs.

Lead gift for naming rights of student center: $2,000,000.
THE CENTRAL AUDITORIUM

AU has outgrown its existing auditorium, and needs a suitable facility for large, indoor gatherings, such as graduation ceremonies, cultural events, etc.

A new Main Auditorium is planned as an extension of the building of the School of Architecture, located at the heart of the campus.

The Central Auditorium will have a seating capacity of 500 and will provide ~800 m² (8,600 ft²) of space.

Lead gift for naming rights of central auditorium: $1,000,000.
NON-CAPITAL PROJECTS

AU is constantly designing new non-capital projects to meet the needs. Examples of programs offered:
\ The Accessibility Project
\ Presidential, Doctoral and Masters Fellowships
\ ASPA – Ariel Support Program for students with Asperger’s syndrome
THE ACCESSIBILITY PROJECT

AU aims to enable every student the opportunity to realize his/her full academic potential. We are doing our utmost to adapt existing facilities to accommodate students with special needs. Some of the buildings on campus were originally built as one-story industrial buildings to which additional floors were later added to meet the urgent demand for more classrooms and labs. There is a need to retrofit these buildings with elevators to accommodate students and staff with disabilities.

Cost of infrastructure and installation of elevators in existing buildings: $75,000.

Lead gift for naming rights for the accessibility project: $900,000.
PRESIDENTIAL DOCTORAL AND MASTERS FELLOWSHIPS

AU believes firmly in Israel’s most important natural resource – its people.

The Presidential, Doctoral and Masters Fellowships, given under the direct auspices of AU’s President, Prof. Yehuda Danon, are intended to attract the best and the brightest of Israel’s graduate students to undertake research at AU and assure the continued development of the university’s academic high standards.

PhD fellowships ($70,000) can be paid over a 4-year period.

Masters fellowships ($25,000) can be paid over a period of 2 years.
ASPA (ARIEL SUPPORT PROGRAM FOR ASPERGER’S)

AU has developed a unique program that integrates students with high-functioning autistic spectrum disorder into higher education.

The objective of this program is to give students from high-functioning autistic spectrum the opportunity to fulfill their potential in various aspects of life, such as university-level studies, acquiring a profession and entering the workforce by learning to cope with anticipated problems through the help and guidance of professional and student coaches.

This program is geared towards promoting tolerance and acceptance of people with AS.

Currently, 25 students are participating in this program.

Naming rights for the program: $1,000,000.
### Cost Summary for Capital Projects

<table>
<thead>
<tr>
<th>Item</th>
<th>Pages</th>
<th>Cost</th>
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</thead>
<tbody>
<tr>
<td>FEL Underground Shelter (Building Project 1)</td>
<td>6-7</td>
<td>$400,000</td>
</tr>
<tr>
<td>FEL Building Extension (Building Project 2)</td>
<td>8-9</td>
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<tr>
<td>The Natural Sciences Complex Each Building</td>
<td>10-11</td>
<td>$4,000,000</td>
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<tr>
<td></td>
<td></td>
<td>$1,500,000</td>
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<tr>
<td>The Health Sciences Building</td>
<td>12-13</td>
<td>$3,000,000</td>
</tr>
<tr>
<td>The Clinics Building</td>
<td>14-15</td>
<td>$3,000,000</td>
</tr>
<tr>
<td>The Social Sciences Building</td>
<td>16-17</td>
<td>$3,000,000</td>
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<tr>
<td>Laboratory Building</td>
<td>18-19</td>
<td>$700,000 - $1,000,000</td>
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<tr>
<td>The Gateway Building Each wing</td>
<td>20-21</td>
<td>$2,500,000</td>
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<td>Addition to the Moskowitz School of Communication</td>
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## COST SUMMARY FOR CAPITAL PROJECTS

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<tr>
<td>The Dormitory Complex</td>
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<td>Each dormitory building (depending on size)</td>
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<td>The Library</td>
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<td>The Jewish Heritage Center</td>
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<td>The Academic Hi-Tech Park</td>
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<td>The Main Plaza</td>
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<tr>
<td>The Amphitheater</td>
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<td>The Student Center</td>
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<tr>
<td>The Central Auditorium</td>
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# COST SUMMARY FOR NON-CAPITAL PROJECTS

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<td>The Accessibility Project</td>
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<td>Installing one elevator in an existing building</td>
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