"Help us spread the message that the Technion truly provides education and innovation for the global good.

Together to draft suggestions for implementing the Strategic Plan.

All signs point to reaching new heights. In a first for the ATS, we’ve raised $151 million this past year, surpassing our $100 million goal for the second consecutive year. That’s not just a number—it is the future of the Technion. Our lay leaders are working tirelessly to expand our donor pipeline, attracting interest and support that reaches beyond our typical constituency. We’ve gotten publicity for our Technion researchers and alumni across a wide spectrum of media from The Wall Street Journal to NBC News.

Taking a page from the tech world, the entire American Technion Society staff participated in a “hackathon” during the annual Staff Institute, working together to draft suggestions for implementing the Strategic Plan.

Milestone events have kept that electricity in the air. In March, we awarded former New York City Mayor Michael Bloomberg with a Technion Honorary Doctorate. His vision for a high-tech Big Apple led to the creation of the Zuckerman STEM Leadership Program. We also honored Mort Zuckerman on receiving the Technion Medal, in Silicon Valley, attended by more than 300 guests. We also held a special bookend to the year, we recognized nine extraordinary alumni at an event in of the Joan & Irwin Jacobs Technion-Cornell Institute at Cornell Tech. To honor his creation of the Zuckerman STEM Leadership Program. We also honored Mort Zuckerman on receiving the Technion Medal.

During a gala at The Plaza hotel in Manhattan, Mayor Bloomberg was awarded a Technion Honorary Doctorate for his role in transforming the future of education in New York. The event was chaired by Lauren and John J. Veronis, along with Honorary Chairs Joan and Irwin M. Jacobs, Eric Schmidt and Joan and Sanford I. Weill. Acclaimed journalist Charlie Rose served as Master of Ceremonies for the evening, which also featured a performance by renowned soprano Renée Fleming.

“Help us spread the message that the Technion truly provides education and innovation for the global good.”

A MESSAGE FROM NATIONAL PRESIDENT ZAHAVA BAR-NIR

We have much to look forward to in the exciting year ahead. And indeed our plates are full. We’re in the midst of a new fundraising campaign, our most ambitious yet. The Joan & Irwin Jacobs Technion-Cornell Institute will have a new home on the Cornell Tech campus on Roosevelt Island in the fall. We are accomplishing all this while implementing a new Strategic Plan.

On the cover: Assaf Zinger, a rising star at the Technion, is a Ph.D. student in Medicine, which receives support from the ATS donors. Assaf and Avi, a Technion Innovator, are developing nanotechnological approaches for performing surgery. See full story on page 17.

TUSA 2017

HONORING MAYOR MICHAEL BLOOMBERG 3
TECHNION OPENS IN NYC THIS SUMMER 4
CHINA RISING 5
TECHNION PRESIDENT PERETZ LAVIE’S GLOBAL VISION 7
CALIFORNIA DREAMIN’ 8
ALUMNI INNOVATORS 12
INNOVATIONS THAT ARE CHANGING THE WORLD 14
INSTILLING THE ENTREPRENEURIAL SPIRIT 16
FACES OF THE TECHNION 17
AN ASTRONOMICAL SEASON 20
THE ISRAEL-U.S. STEM PIPELINE ENVISIONED BY MORTIMER B. ZUCKERMAN 22
DONOR SPOTLIGHT: ALLEN AND JEWEL PRINCE 24
INSPIRED BY DAD: MAURICE AND HYNDRA GAMZE 25
A WORLD-CLASS UNIVERSITY BUILT ON GLOBAL EFFORTS 26
MESSAGE FROM EXECUTIVE VICE PRESIDENT JEFFREY RICHARD 27

Top: Rendering of the Cornell Tech campus, home of the Jacobs Technion-Cornell Institute. Below left: (l to r) Technion President Professor Peretz Lavie; Mayor Michael R. Bloomberg; Sanford I. Weill; Technion Board of Governors Chair Larry Jackler; Professor Boaz Galant, Vice President for External Relations and Resource Development. Below: President Professor Lavie honoring Mayor Bloomberg.

FROM HAIFA TO THE WORLD: THE TECHNION CELEBRATES MICHAEL BLOOMBERG

So much has happened since that jubilant day in December 2011, when the Technion-Cornell partnership won the competition to build an innovative technology campus in New York City. On March 15, 2016, the ATS celebrated that event and honored the man whose vision made it all possible: New York City’s three-term mayor and philanthropist, Michael R. Bloomberg.

During a gala at The Plaza hotel in Manhattan, Mayor Bloomberg was awarded a Technion Honorary Doctorate for his role in transforming the future of education in New York. The event was chaired by Lauren and John J. Veronis, along with Honorary Chairs Joan and Irwin M. Jacobs, Eric Schmidt and Joan and Sanford I. Weill. Acclaimed journalist Charlie Rose served as Master of Ceremonies for the evening, which also featured a performance by renowned soprano Renée Fleming.

“The Technion is an incarnation of that quintessential Israeli idea that nothing is impossible,” said Mr. Bloomberg. “That’s an idea that Israel and New York City share. It’s what has made both centers of innovation and invention, and it is what has allowed both to respond to adversity with strength.”

Technion President Professor Peretz Lavie said: “Because of Mr. Bloomberg’s vision and foresight, the Technion and its partner, Cornell University, will create leaders in New York who will develop innovative technology and solutions to benefit mankind.” Some of those entrepreneurial leaders were on hand to demonstrate their innovations.

News about other Technion innovators, promising research, details of the Jacobs Institute and more are featured on the pages ahead.
Countdown Begins: Technion Opens in NYC this Summer

Rather than starting with a cast-in-stone plan, Ron Brachman has set a goal, is heading in a direction that feels right, and is learning and adjusting along the way. “In the end, you end up with a much better product.” Sound like he’s talking about a new tech startup? In a way, he is.

Mr. Brachman is leading the innovative academic experiment in entrepreneurial education that is the Joan & Irwin Jacobs Technion-Cornell Institute at Cornell Tech in New York City. “It’s pretty rare that you get a chance to start, or help grow, a new university,” he says.

“We’re trying to do is create, out of whole cloth, a graduate-level, high-tech educational institution. Do things where we can experiment, understand the results of our experiments and continually improve our programs. As a result, it feels a lot more like what you do in industry, especially with a startup.” A computer scientist and expert in artificial intelligence, Mr. Brachman became Director of the Jacobs Institute last October. His career includes influential positions at Yahoo Labs, Bell Labs, AT&T Labs and the Defense Advanced Research Projects Agency, which develops technology for the U.S. Department of Defense. Mr. Brachman succeeds Professor Adam Shwartz, who is moving back to Israel and taking on the role of Chair of the Board of Trustees at the Jacobs Institute and Senior Executive Vice President at the Technion.

The unique startup, a partnership between the Technion and Cornell University, is taking shape as Cornell Tech’s first three buildings rise on Roosevelt Island. Last May, Jacobs’ inaugural class of 12 Connective Media students received dual master’s degrees from the Technion (Applied Information Science) and Cornell (Information Systems). Last fall, Jacobs enrolled 26 new master’s students: 21 in Connective Media and seven in Health Tech. Aimed at applying computer science to the healthcare industry, the Health Tech program is in its second year. Two newly minted Ph.D. students have also joined the Runway Startup Postdoc Program.

Still in its infancy, Jacobs is already seeing New York City with entrepreneurs, startups and innovations. Runway Postdoc Assaf Glazer stayed in the Big Apple to launch Nanit, his startup utilizing computer vision, to create a baby monitor company that utilizes computer vision, to wide media coverage last spring. Coming up behind him are enterprising young students like.

Once proud of its ubiquitous “Made in China” label, today the emerging superpower seems bent on transforming its image into “Invented in China.” And the Technion figures prominently in that plan.

The Guangdong Technion Israel Institute of Technology (GTIIT) is under way in China with a mandate to instill in students the Technion’s innovative spirit. “Campus construction is moving full speed ahead,” says Distinguished Professor and Nobel Laureate Aaron Ciechanover, who serves as Vice Chancellor. “By summer, we shall have the most updated, modern, beautiful facility.” Soon after the Jacobs-Technion-Cornell Institute at Cornell Tech opens its doors on Roosevelt Island, GTIIT, supported by the Li Ka-Shing Foundation, will become the Technion’s second global campus.

Technion Professors Paul Feiglin is behind the scenes, coordinating all efforts to ensure the success of this complex endeavor. The GTIIT will have Schools of Engineering and the Sciences, which will be headed by Technion Professors Moshe Shemtuch and Noam Soker, respectively, and house the departments of chemical engineering, material sciences, environmental sciences, physics, mathematics, chemistry and more. These areas will expand with the goal of eventually enrolling about 5,000 undergraduates, led by 300 faculty members who will be actively involved in research. Faculty are being recruited from various countries, including Korea, Germany, the U.S. and China, and students will be recruited from all over the world starting in the spring of 2017. The success of the GTIIT pivots on maintaining the Technion’s exacting standards. “The school carries the Technion name,” says Prof. Ciechanover, emphasizing the Technion’s administrative issues, including campus construction. Technion

On page 13 continued

China Rising

"Out of whole cloth, we are creating a graduate-level, high-tech educational institution." —ROH BRACHMAN

NEW YORK, NY, USA

Going Global

Robert A. Iger, chairman and chief executive officer of The Walt Disney Company, is shown at the Technion–Cornell Institute.

HAIFA, ISRAEL

SHANTOU, GUANGDONG, CHINA

GUANGDONG TECHNION ISRAEL INSTITUTE OF TECHNOLOGY

Continued on page 16

TECHNION USA  2017  5

4  2017 TECHNION USA

Continued on page 13
Eager to become the world’s leading innovative economic power by 2020, China has been on a shopping spree in Israel and the U.S. More than 500 Chinese delegations visited Israel in 2015. Chinese investment in Israeli companies and venture capital funds has surged to record highs—and is still climbing.

Moreover, China has become the world’s second-largest venture capital market: nearly $50 billion in venture deals during 2015 and narrowing the gap with the U.S., the leader, with $72 billion. Israel ranks fourth globally, at $2.6 billion in 2015—on track to double this year.

New links among these tech powers are forming in venture capital investment and fundraising. Start-up investors that for decades traveled the Silicon Valley–Tel Aviv highway in search of potentially disruptive breakthroughs are now adding Beijing, Shanghai and Shenzhen to their stops. For instance, leading Israeli VC fund Jerusalem Venture Partners drew $10 million from Chinese tech titan Alibaba, while Carmel Ventures is backed by Chinese search leader Baidu and Internet security company Qihoo 360. Additionally, Techcode, a Chinese accelerator focused on artificial intelligence and biotech, recently opened in Tel Aviv. Exposure to students from so many countries enables our academic rankings. And that’s helped move up our global exposure on campus previously a mere copier of the best ideas from the West.

In China’s first era of tech entrepreneurship, beginning in 2000, versions of several U.S. leaders emerged: Baidu vs. Google, Weibo vs. Twitter, Alibaba vs. eBay. This tech race is now emerging as a global race. Propelled by top-tier universities such as Beijing’s Tsinghua, China is getting ahead with such forces as the Technion and Stanford turning out top engineering and entrepreneurial talent. Increasingly, China is now seen as an innovator of technologies, and not—as was widely regarded in the past—merely a copier of the best ideas from the West.

Q: Globalization is the way of the future. If we look at universities in Europe and the U.S. that are similar to the Technion, its best students, particularly in the natural sciences and engineering, come from the entire world. So a few years ago the Technion decided we should open our gates. The Technion International School now has close to 800 foreign students—undergraduates, graduates and postdocs.

A: Does having these satellite campuses improve your standing around the world?

Q: Yes. Visibility is so important. We’re in the news, people know about us. We participate in scientific conferences all over the world and everybody wants to hear our story. How did you do it? What is the recipe? Suddenly the Technion changed from the best-kept secret of Israel to the forefront of higher education. And that’s helped move us up our academic rankings.

A: How does Technion globalization impact the Technion students in Israel?

Q: Exposure to students from so many countries enables our students to communicate better with people from South America, Europe and China. Does having these satellite campuses improve your standing around the world? And why is now the right time?

China, Israel, the U.S. The tech triangle

by Rebecca A. Fannin

"Chinese corporations and investment groups with hefty checkbooks are looking to Israel and Silicon Valley to acquire and invest in high-tech businesses.”

The Tech Triangle

by Rebecca A. Fannin

“Globalization is the way of the future. If we look at universities in Europe and the U.S. that are similar to the Technion, its best students, particularly in the natural sciences and engineering, come from the entire world. So a few years ago the Technion decided we should open our gates. The Technion International School now has close to 800 foreign students—undergraduates, graduates and postdocs.”

Q: Globalization is the way of the future. If we look at universities in Europe and the U.S. that are similar to the Technion, its best students, particularly in the natural sciences and engineering, come from the entire world. So a few years ago the Technion decided we should open our gates. The Technion International School now has close to 800 foreign students—undergraduates, graduates and postdocs.

A: Does having these satellite campuses improve your standing around the world?

Q: Yes. Visibility is so important. We’re in the news, people know about us. We participate in scientific conferences all over the world and everybody wants to hear our story. How did you do it? What is the recipe? Suddenly the Technion changed from the best-kept secret of Israel to the forefront of higher education. And that’s helped move us up our academic rankings.

A: How does Technion globalization impact the Technion students in Israel?

Q: Exposure to students from so many countries enables our students to communicate better with people from South America, Europe and China. Does having these satellite campuses improve your standing around the world? And why is now the right time?

China, Israel, the U.S. The tech triangle

by Rebecca A. Fannin
Some people might be understandably cautious about self-driving cars. Others can’t wait to settle back and let computers do the driving. However, you feel, these cars are not too far down the road—with Technion entrepreneurs helping drive the concept.

The recent purchase of two start-ups developing pivotal self-driving technology illustrates the growing role adventurous young Israeli companies—often masterminded by Technion alumni—are playing in the American economy.

“Many two-way bridges connect the U.S. and Israel,” notes Technion Professor Boaz Golany, Vice President for External Relations and Resource Development. “But these relationships also benefit the U.S.”

One such benefit, he says, “is the tremendous flow of Israeli technology that helps leading U.S. companies maintain a strong position in the global competition.” That flow begins in Israel, where American business behemoths such as Google, Facebook and Microsoft now run major R&D facilities—and look to snap up any startup with an app that might boost the bottom line.

Now the pipeline increasingly leads westward, as Israeli inventors-pioneers pour into America—to Silicon Valley in particular. In 1999, Technion electrical engineering graduate Eyal Waldman established Mellanox Technologies, Ltd., a leader in connectivity solutions that has headquarters both in Yokneam, Israel, and in Sunnyvale, Calif. Today, Mellanox has a NASDAQ stock value of about $2 billion.

More recently, the Bay Area has attracted hot alumni-founded start-ups such as cybersecurity superstar Tanium, led by David Hindawi, and wireless powerhouse Cohere Technologies, headed by Shlomo Rakib. FierceWireless.com named Cohere Technologies to its 2016 annual “Fierce 15” list of startups with the potential of becoming a major industry player. Mr. Rakib holds more than 50 patents and has launched several startups. In addition to his entrepreneurial smarts, he is a Technion Guardian, a designation reserved for those who support the Technion at the highest level.

As the influence of these companies ripples through Silicon Valley and across the continent, the impact can be seen not just in jobs and revenue, but in the emerging innovations that change the way we live.

“In today’s Silicon Valley you can hardly find any major company—not just technology but finance, business, law, other professional services—that does not have some connection to Israel,” says veteran high-tech executive Zvi Alon, chairman of CICC, the California Israel Chamber of Commerce.

When Alon, a Technion electrical engineering graduate, moved to the U.S. in the 1980s, he was puzzled by the trouble Israelis were having converting their know-how into business opportunities. He launched the CICC to strengthen business ties between his homeland and the Golden State. “And today, we no longer need to preach about the strength of Israeli technology and business leadership,” he says.

Relying on Technion Brainpower

“Where do leading U.S. companies go,” asks the Technion’s Prof. Golany, “to seek the technologies they need to stay in the race?”

Prof. Golany answers his own question by pointing out that Ford purchased SAIPS, an Israeli company specializing in machine learning, part of the artificial-intelligence framework needed for autonomous vehicles. And that Uber just bought up California-based Otto, an Israeli-led firm that unveiled technology for driverless trucks.

What do SAIPS and Otto have in common? Technion alumni hold top posts at both. Udy Danino, founder and CEO of SAIPS, graduated from the MBA program, while Otto Co-Founder Lior Ron earned degrees in computer science.

Startups such as SAIPS and Otto may not be household names, but through buyouts and partnerships, their innovations can reach consumers on a vast scale. The diagnostic PillCam invented by alumnus Gavriel Iddan of Given Imaging, for example, has been bought by global medical-equipment maker Medtronic—which also holds a major stake in a second Technion-led company, spinal surgery pioneer Mazor Robotics.

Two other Technion brain-children were recently purchased by eBay in a push to improve its merchandise range and buyer-seller platform. They are visual search engine Cogrillan of Tel Aviv, which was co-created by Technion computer science alum Einiav Itamar, and Netanya-based SalesPredict, which uses advanced analytics to forecast customer behavior. SalesPredict was co-founded by fellow Technion computer science graduate and Technion visiting professor Kira Radinsky.

“Many such two-way bridges connect the U.S. and Israel,” notes Prof. Golany. These bridges, he commented in a recent Jerusalem Post opinion piece, “span a diverse network of fields, including medical devices, environmental protection, homeland security and defense, chip design, advanced materials and much more.”

continued on next page
The drive to start companies and seek opportunities attracts entrepreneurs to the U.S. From a professional perspective, Israelis instantaneously feel right at home. –ZVI ALON

CEO of Los Gatos-based Tigo Energy, whose smart module optimizes the function of solar-power systems, Alon has founded companies in both the U.S. and Israel. He also runs Alon Ventures, an investment group emphasizing tech opportunities that span these business communities.

Unicorns Are Real

In the world of business, a “unicorn” is a private company, usually a startup, with an estimated stock market valuation of more than $1 billion. A recent report by the National Foundation for American Policy noted that about half of America’s unicorns were founded by immigrants. India led the list, followed by Canada and the U.K. Tied for second place, Israel came in third. (Keep in mind that India is a nation of 1.2 billion people, Israel only 8.2 million.)

Gusto is a San Francisco company bearing the Technion imprint that has made it to unicorn status. Co-founded by Tomer London, a computer engineering graduate, and Ariel Ariel, electrical engineering graduate—Benkoski is a partner at the Silicon Valley-based venture capital investment firm U.S. Venture Partners (USVP), and a member of the CICC executive board.

One of those innovators is Assaf Glazer, who parlayed the mentorship, financial backing, and New York and California landscape to create the iconic Baby Monitor 3000. The “smart” baby monitor, with built-in Wi-Fi and a mobile app, helps parents monitor their baby remotely.

Other Technion alums with significant Silicon Valley impact include:

- Alex Sirota, computer science—Sirota co-founded Loop Commerce in 2012, a leader in the $200 billion gift-giving market (personalized gift-card technology for stores and online retailers).
- Doren Ariel, electrical engineering—Ariel helped start Capriza, which simplifies business applications by rapidly converting complex desktop applications into a bite-sized mobile format.
- Jacques Benkoski, computer engineering—Benkoski is a partner at the Silicon Valley-based venture capital investment firm U.S. Venture Partners (USVP), and a member of the CICC executive board.
- Oren Ariel, electrical engineering—Ariel helped start Capriza, which simplifies business applications by rapidly converting complex desktop applications into a bite-sized mobile format.
- Jacques Benkoski, computer engineering—Benkoski is a partner at the Silicon Valley-based venture capital investment firm U.S. Venture Partners (USVP), and a member of the CICC executive board.
- Dr. Benkoski also serves on the Technion Board of Governors and the ATS Silicon Valley Board, and is a Technology Executive at Pinterest.

One of those innovators is Assaf Glazer, who parlayed the mentorship, financial backing, and New York and California landscape to create the iconic Baby Monitor 3000. The “smart” baby monitor, with built-in Wi-Fi and a mobile app, helps parents monitor their baby remotely.

Other Technion alums with significant Silicon Valley impact include:

- Alex Sirota, computer science—Sirota co-founded Loop Commerce in 2012, a leader in the $200 billion gift-giving market (personalized gift-card technology for stores and online retailers).
- Doren Ariel, electrical engineering—Ariel helped start Capriza, which simplifies business applications by rapidly converting complex desktop applications into a bite-sized mobile format.
- Jacques Benkoski, computer engineering—Benkoski is a partner at the Silicon Valley-based venture capital investment firm U.S. Venture Partners (USVP), and a member of the CICC executive board.
- Oren Ariel, electrical engineering—Ariel helped start Capriza, which simplifies business applications by rapidly converting complex desktop applications into a bite-sized mobile format.
- Jacques Benkoski, computer engineering—Benkoski is a partner at the Silicon Valley-based venture capital investment firm U.S. Venture Partners (USVP), and a member of the CICC executive board.
- Dr. Benkoski also serves on the Technion Board of Governors and the ATS Silicon Valley Board, and is a Technology Executive at Pinterest.

One of those innovators is Assaf Glazer, who parlayed the mentorship, financial backing, and New York and California landscape to create the iconic Baby Monitor 3000. The “smart” baby monitor, with built-in Wi-Fi and a mobile app, helps parents monitor their baby remotely.

Other Technion alums with significant Silicon Valley impact include:

- Alex Sirota, computer science—Sirota co-founded Loop Commerce in 2012, a leader in the $200 billion gift-giving market (personalized gift-card technology for stores and online retailers).
- Doren Ariel, electrical engineering—Ariel helped start Capriza, which simplifies business applications by rapidly converting complex desktop applications into a bite-sized mobile format.
- Jacques Benkoski, computer engineering—Benkoski is a partner at the Silicon Valley-based venture capital investment firm U.S. Venture Partners (USVP), and a member of the CICC executive board.
- Oren Ariel, electrical engineering—Ariel helped start Capriza, which simplifies business applications by rapidly converting complex desktop applications into a bite-sized mobile format.
- Jacques Benkoski, computer engineering—Benkoski is a partner at the Silicon Valley-based venture capital investment firm U.S. Venture Partners (USVP), and a member of the CICC executive board.
- Dr. Benkoski also serves on the Technion Board of Governors and the ATS Silicon Valley Board, and is a Technology Executive at Pinterest.

One of those innovators is Assaf Glazer, who parlayed the mentorship, financial backing, and New York and California landscape to create the iconic Baby Monitor 3000. The “smart” baby monitor, with built-in Wi-Fi and a mobile app, helps parents monitor their baby remotely.

Other Technion alums with significant Silicon Valley impact include:

- Alex Sirota, computer science—Sirota co-founded Loop Commerce in 2012, a leader in the $200 billion gift-giving market (personalized gift-card technology for stores and online retailers).
- Doren Ariel, electrical engineering—Ariel helped start Capriza, which simplifies business applications by rapidly converting complex desktop applications into a bite-sized mobile format.
- Jacques Benkoski, computer engineering—Benkoski is a partner at the Silicon Valley-based venture capital investment firm U.S. Venture Partners (USVP), and a member of the CICC executive board.
- Oren Ariel, electrical engineering—Ariel helped start Capriza, which simplifies business applications by rapidly converting complex desktop applications into a bite-sized mobile format.
- Jacques Benkoski, computer engineering—Benkoski is a partner at the Silicon Valley-based venture capital investment firm U.S. Venture Partners (USVP), and a member of the CICC executive board.
- Dr. Benkoski also serves on the Technion Board of Governors and the ATS Silicon Valley Board, and is a Technology Executive at Pinterest.
Alumni Innovators
The stories behind the inventions

2017 TECHNION USA

The stories behind the inventions
Alumni Innovators are alumni—our Technion Innovators featured here—all of whom have made a difference around the globe. “Necessity is the mother of invention.” Just ask Ran Korber, who teamed up with Ziv Lautman and Emil Fisher, and the mobile app BreezeMeter was born. This 2013 BizTEC winner combines global data from hundreds of thousands of sensors that monitor air quality, with traffic and weather reports, satellite information, and more. Analyzing the input with its proprietary algorithms, BreezeMeter creates color-coded air pollution maps (green for the healthiest area; yellow for moderate to high; red for unhealthy). Today, companies and cities employ BreezeMeter technology to enhance their products and improve lives.

BREEZOMETER
Ran Korber was on a mission. His wife, who suffers from asthma, was expecting a baby, and they were searching for a house in the Haifa area for the family. The key factor was not so much affordability as it was clean air. “We needed to find the cleanest place to live near Haifa,” he says. An environmental engineer, Ran knew that air pollution is the single biggest environmental health crisis we face. Solution: Monitoring app. Ran teamed up with Ziv Lautman and Emil Fisher, and the mobile app BreezeMeter was born. This 2013 BizTEC winner combines global data from hundreds of thousands of sensors that monitor air quality, with traffic and weather reports, satellite information, and more. Analyzing the input with its proprietary algorithms, BreezeMeter creates color-coded air pollution maps (green for the healthiest area; yellow for moderate to high; red for unhealthy). Today, companies and cities employ BreezeMeter technology to enhance their products and improve lives.

NINISPEECH
Yair Shapira’s son stuttered since the age of two. Yair and his wife took him to therapy, but time and again, he would speak fluently for a while, then lapse back into a stutter. Problem: Stuttering. “Our son’s stuttering was frustrating and consumed a lot of emotional energy for all of us,” Yair says. Nearly five percent of children in the U.S. go through a period of stuttering. Speech therapy helps, but the gains only last approximately 15 percent of the time. “Therapists are blind to what is going on with their patients outside the clinic,” he says. “Speech therapy is a huge industry, but it has not advanced much since the 19th century.”

Solution: Coaching app. Yair turned to digital health entrepreneur/Technion Visiting Scientist Yoav Medan, and together with Tel Aviv University Professor Ofer Amir, developed technology that can detect stuttering in any language by listening to the rhythm of speech patterns. The award-winning NinisSpeech mobile application helps people who stutter achieve long-term speech fluency by providing real-time numeric feedback, “practice buddies” and speech games. Therapists are also able to monitor their patients’ everyday performance, resulting in improved outcomes.

PEEKAOOO
What could be more alarming for a new mother than to feel her baby’s forehead getting warmer by the hour? After her baby’s fever persisted for several days, Janna Tenenbaum-Katan and her husband took their then one-year-old daughter, Adi, to the doctor. Suspecting a urinary tract infection (UTI), the doctor sent Adi to the emergency room for a catheterization. Problem: Diagnosing UTIs in baby girls. “Taking your baby to the E.R. is traumatic enough, and then there’s this invasive procedure. To diagnose a urinary tract infection, the doctor needs to collect a sterile sample of urine, which is a problem if the baby is in diapers,” says Janna.

Solution: A non-invasive procedure. Currently, baby girls must undergo urinary catheterization for UTI diagnosis. Janna took the problem to the 2015 Technion Medical 3-Day Startup (3DS) Competition. The result was Peekaboo, a non-invasive way to collect sterile urine samples from non-toilet-trained baby girls.

Working with co-founders Yoel Angel and Lior Har-Shai, both Rappaport Medical School graduates, Janna developed technology that mimics the urine collection procedure carried out in women. Peekaboo won the 3DS and went on to win the 2015 BizTEC Challenge, which awards a $10,000 top prize to help winners jump-start their inventions.

To help people like his son overcome speech difficulties, Yair Shapira co-created NinisSpeech, a learning app with practice buddies, jokes and games.

To help her daughter (far left)—and thousands of others—avoid an invasive medical procedure, Janna Tenenbaum-Katan and her team invented Peekaboo.

To help people like his son overcome speech difficulties, Yair Shapira co-created NinisSpeech, a learning app with practice buddies, jokes and games.

To help her daughter (far left)—and thousands of others—avoid an invasive medical procedure, Janna Tenenbaum-Katan and her team invented Peekaboo.
The Innovations
that are changing the world

PillCam
First pill-sized camera swallowed by patients to image the digestive tract.
Alumnus Dr. Gavriel Iddan at Given Imaging

Iron Dome
Defensive anti-missile system that saved countless lives during recent conflicts.
Alumni at Rafael Advanced Defense Systems

UPnRIDE
Segway-like device that provides upright and seated mobility for wheelchair users and quadriplegics.
Alumni Dr. Amit Goffer and UPnRIDE CEO Oren Tamari

EyeLid Motion Monitor
Uses eyelid movement to detect eye disease, autoimmune diseases and neurological disorders such as Parkinson’s.
Doctoral Student Adi Hanuka

Snake Robot
Bio-inspired robots that resemble living creatures, including snakes, used in search-and-rescue operations, medical robotics, sports medicine and more.
Prof. Alon Wolf

Biodigester
Transforms waste and food compost into clean methane gas used for heat and cooking in remote areas, such as Nepal.
Prof. Mark Talesnick, Engineers Without Borders

Solar Energy
Technology that could improve the efficiency of photovoltaic cells, which convert light to electricity.
Profs. Nir Tessler and Avner Rothschild, Grand Technion Energy Program

Sesame Phone
World’s first completely touch-free smartphone designed by and for people with disabilities.
Alumni Oded Ben Dov and Giora Livne

Sniff Phone
Mobile phone that uses breathalyzer technology to sniff out cancer.
Prof. Hossam Haick

NanoBible
Smallest Bible in the world, created to showcase the power of nanotechnology applications for medicine, computing and more.
Prof. Uri Sivan, Russell Berrie Nanotechnology Institute

UPnRIDE
Segway-like device that provides upright and seated mobility for wheelchair users and quadriplegics.
Alumni Dr. Amit Goffer and UPnRIDE CEO Oren Tamari

Sniff Phone
Mobile phone that uses breathalyzer technology to sniff out cancer.
Prof. Hossam Haick

NanoBible
Smallest Bible in the world, created to showcase the power of nanotechnology applications for medicine, computing and more.
Prof. Uri Sivan, Russell Berrie Nanotechnology Institute
CHINA RISING
continued from page 5

responsibility to ensure excellence. The Technion will do that by recruiting top-flight researchers and insisting that GTIIT students and faculty spend time on the Haifa campus. “If they don’t know the feel of our home campus, it will not possess the famous Technion DNA,” says Prof. Ciechanover.

The Technion is already collaborating with medical scientists at GTIIT’s neighbor, Shantou University, also supported by Li Ka-Shing, an enthusiastic investor in Israel’s high-tech industry. “We’re trying to fuse the neighboring university with our spirit of entrepreneurship—questioning and tackling challenges,” Prof. Ciechanover adds.

Long-term, GTIIT will occupy two sophisticated, environmentally-friendly campuses covering more than 4.8 million square feet, and will have both graduate and undergraduate programs. All students will receive their degrees from the Technion. Collaboration with the Jacobs Technion Cornell Institute in New York may also be in the offing. “We will push for it. It will be good for America, for Israel and the Technion, and for China.”

THE TECH TRIANGLE
continued from page 6

tors are funding Israeli cybersecurity firm IronSource, and Alibaba Group Holding Limited has invested in Israeli Qr-tech.

Chinese investment led by Xiaomi, Raidu, Tencent, Alibaba and Fosun is also pouring into high-tech businesses in the U.S. This money is finding a home in Silicon Valley-based startups with specialized, leading-edge technology that Chinese buyers can leverage. These investments are clearly strategic, as China is, in effect, paying tuition to participate in the world’s tech flows along a new Silk Road.

China is, in effect, paying tuition to participate in the world’s tech flows along a new Silk Road. “When our students graduate, we want them to be not only great engineers and scientists—we’re educating them to be great entrepreneurs too,” says B.C. head Ravi Nave.

The B.C. does that through academic courses that are taught as part of the curriculum within various faculties campus-wide, and centrally at the B.C. Nearly half of the Technion’s engineering departments offer a minor in entrepreneurship, culminating in a capstone project that allows students to apply what they’ve learned in a practical way.

Entrepreneurship education at the B.C. also includes experiential learning to help students develop business skills and convert theory into practice. Through competitions and workshops such as the 3-Day Startup (3DS) and the BizTEC Challenge, a Technion initiative open to participants from across Israel, students get hands-on opportunities to transform their ideas into reality. 3DS participants, for example, “build a company in fast forward” around an idea or product, says Nave. Students receive vital commercial and legal advice needed to make their projects successful.

Technion 3DS winners can then go on to compete in BizTEC. Finalists are trained for six to nine months, receiving more than 100 hours of lectures and mentorship, and are accompanied from the raw idea stage to prototype. BizTEC connects teams with patent offices, venture capitalists and industry professionals, holding their hand along the way. The winning team is awarded a $10,000 prize to jump-start their invention.

“When we look at the entrepreneurs who are injected with these new takeoff devices, they are not the sole determinant of entrepreneurial success. How, exactly, does the university help its students act on the ideas they’ve scribbled on the back of a napkin? The answer lies in part with the Bronica Entrepreneurship Center (BEC)—the central point of contact for entrepreneurship at the Technion.

“Dream It. Do It!” is a favorite motto at the Technion. But creativity is not the sole determinant of entrepreneurial success. How, exactly, does the university help its students act on the ideas they’ve scribbled on the back of a napkin? The answer lies in part with the Bronica Entrepreneurship Center (B.E.C.)—the central point of contact for entrepreneurship at the Technion.

“When we look at the entrepreneurs who are injected with these new takeoff devices, they are not the sole determinant of entrepreneurial success. How, exactly, does the university help its students act on the ideas they’ve scribbled on the back of a napkin? The answer lies in part with the Bronica Entrepreneurship Center (B.E.C.)—the central point of contact for entrepreneurship at the Technion.

“If our students graduate, we want them to be not only great engineers and scientists—we’re educating them to be great entrepreneurs too,” says B.C. head Ravi Nave.

The B.C. does that through academic courses that are taught as part of the curriculum within various faculties campus-wide, and centrally at the B.C. Nearly half of the Technion’s engineering departments offer a minor in entrepreneurship, culminating in a capstone project that allows students to apply what they’ve learned in a practical way.

Entrepreneurship education at the B.C. also includes experiential learning to help students develop business skills and convert theory into practice. Through competitions and workshops such as the 3-Day Startup (3DS) and the BizTEC Challenge, a Technion initiative open to participants from across Israel, students get hands-on opportunities to transform their ideas into reality. 3DS participants, for example, "build a company in fast forward" around an idea or product, says Nave. Students receive vital commercial and legal advice needed to make their projects successful.

Technion 3DS winners can then go on to compete in BizTEC. Finalists are trained for six to nine months, receiving more than 100 hours of lectures and mentorship, and are accompanied from the raw idea stage to prototype. BizTEC connects teams with patent offices, venture capitalists and industry professionals, holding their hand along the way. The winning team is awarded a $10,000 prize to jump-start their invention.

“We’re looking to infect them with the entrepreneurship bug,” says Nave. That isn’t confined to establishing one’s own business. “We demonstrate how to be entrepreneurial at work; large and small organizations, banks, the army, anywhere.”

Nave knows something about seeing ideas come to fruition. Holding Technion bachelor’s and master’s degrees in electrical engineering, Nave has more than 40 years of industry experience. He was one of Intel Israel’s first employees and worked in senior R&D positions there, as well as at the NDS Group (acquired by Cisco Videocap), Tower Semiconductor, and Given Imaging, which manufactures the intestinal diagnostic PillCam (acquired by Medtronic).

Assaf Zinger, Ph.D.
Researcher in Professor Avi Schroeder’s Laboratory for Targeted Drug Delivery and Personalized Medicine Technologies, Technion B.Sc. in Biomedical Engineering

It was October 2012. I was supposed to give the speech at my graduation ceremony, so I went to the barber shop at the Technion to get a haircut. The barber was a friend of mine and I overheard her talking to Professor Avi Schroeder about his research at the Technion. Avi described the merging of basic science and engineering for solving major problems in the clinic. I was intrigued. I introduced myself, and Avi invited me to visit the lab and chat over coffee. I’m like, ‘Are you serious? Things happen, so now I’m a Ph.D. student in his lab, starting to look for my postdoc position. He was at my wedding and I asked him to sign my ketubah. It was a great honor for me. I took my future and put it in his hands.”

FACES of the TECHNION

Students, faculty and alumni tell us how they first got interested in the Technion and how the university changed their lives.
There are so many Faces of the Technion. Share your story or read more at www.ats.org/faces.
An Astronomical Season

High-profile international forums at the Technion attract top scholars and scientists.

The Technion was the Launch pad for SSP16, the International Space University's Space Studies Program—a two-month event never before held in the Middle East.

“Gravitous science...”

“The decision to hold SSP16 here was a tribute to the on-going excellence of the Technion in space research and education,” says Professor Pini Gurfil, director of the Technion’s Asher Space Research Institute—which coordinates the Space University visit with human-mission precision. “We received unprecedented exposure, both local and international.”

With astronaut Buzz Aldrin—the second man to set foot on the moon—leading a stellar crew of Space U. experts at SSP16, which brought together more than 100 space enthusiasts from 24 countries. Quantum Symposium organizers (above, l–r) Prof. Meir Orenstein and Distinguished Prof. Moti Segev with Profs. Uzi Sivan and Gad Eisenstein.

A Game Changer for Israel: Quantum Science

Experts from as far away as Germany, France, Canada and the U.S. flocked to Haifa last June for the inauguration of the Technion Center for Quantum Science, Matter and Engineering. Twelve leading international scientists, including Harvey Prize winner Immanuel Bloch of the Max Planck Institute, joined experts from the Technion and the Weizmann Institute for this event, organized by Professors Gadi Eisenstein, Moti Segev and Meir Orenstein.

The conference “brought a fresh slant to the study of genetically isolated populations,” says Dr. Harry Oster of Albert Einstein College of Medicine in New York. “It stood out for the many discoveries in Israel and abroad, the opportunities for preventing diseases through expanded screening and the possibilities for developing medicines” based on genetic data. A follow-up conference is set for India next fall and will examine the Asian genome—which, like the Ashkenazi, can shed important light on wider populations.

Activities in the new Technion Center focus on merging the fundamentals of quantum science with engineering principles, and paving the way toward new devices, systems and eventually practical quantum applications. “The field of sensing will receive special attention because of its widespread applied implications in all spheres of life,” says Prof. Eisenstein, head of the Technion’s Russell Berrie Nanotechnology Institute. The Seiden Symposium brought together nanotechnology and photonics experts with Technion information scientists. Presenters debated questions on such intriguing topics as the properties of matter on a molecular level, superconductivity, and whether “the age of the quantum computer” has arrived. “It’s very encouraging,” says Physics Professor David Gershoni, “to see interest from renowned researchers in what is happening at the Technion.”

A Midsummer Night’s Genes

Meanwhile, some of the world’s leading geneticists, clinicians and policymakers gathered in Haifa to examine “Lessons from the Jewish Genome.” Focusing on Ashkenazi Jews, it was the first international conference to look at how ancient “founder” populations can deepen our understanding of biology and genetics.

“A follow-up conference is set for India next fall and will examine the Asian genome—which, like the Ashkenazi, can shed important light on wider populations.”

Prof. Moti Segev with Profs. Uri Sivan and Gadi Eisenstein.

“Lessons from the Jewish Genome” was the first international conference to look at genetically isolated populations—and potentially save lives.

“The sheer amount of detail in shepherding such a large-scale event seemed astronomical at first, Prof. Gurfil admits. Just arranging a live address from a crew member aboard the International Space Station required extensive collaboration with NASA. But, he noted, SSP’s academic director called this SSP16 probably the most successful in the program’s 30 years.”

The sheer amount of detail in shepherding such a large-scale event seemed astronomical at first, Prof. Gurfil admits. Just arranging a live address from a crew member aboard the International Space Station required extensive collaboration with NASA. But, he noted, SSP’s academic director called this SSP16 probably the most successful in the program’s 30 years.

“Lessons from the Jewish Genome” was the first international conference to look at genetically isolated populations—and potentially save lives.

“The sheer amount of detail in shepherding such a large-scale event seemed astronomical at first, Prof. Gurfil admits. Just arranging a live address from a crew member aboard the International Space Station required extensive collaboration with NASA. But, he noted, SSP’s academic director called this SSP16 probably the most successful in the program’s 30 years.”

The sheer amount of detail in shepherding such a large-scale event seemed astronomical at first, Prof. Gurfil admits. Just arranging a live address from a crew member aboard the International Space Station required extensive collaboration with NASA. But, he noted, SSP’s academic director called this SSP16 probably the most successful in the program’s 30 years.

“Lessons from the Jewish Genome” was the first international conference to look at genetically isolated populations—and potentially save lives.

“The sheer amount of detail in shepherding such a large-scale event seemed astronomical at first, Prof. Gurfil admits. Just arranging a live address from a crew member aboard the International Space Station required extensive collaboration with NASA. But, he noted, SSP’s academic director called this SSP16 probably the most successful in the program’s 30 years.”

The sheer amount of detail in shepherding such a large-scale event seemed astronomical at first, Prof. Gurfil admits. Just arranging a live address from a crew member aboard the International Space Station required extensive collaboration with NASA. But, he noted, SSP’s academic director called this SSP16 probably the most successful in the program’s 30 years.

“Lessons from the Jewish Genome” was the first international conference to look at genetically isolated populations—and potentially save lives.

“The sheer amount of detail in shepherding such a large-scale event seemed astronomical at first, Prof. Gurfil admits. Just arranging a live address from a crew member aboard the International Space Station required extensive collaboration with NASA. But, he noted, SSP’s academic director called this SSP16 probably the most successful in the program’s 30 years.”

The sheer amount of detail in shepherding such a large-scale event seemed astronomical at first, Prof. Gurfil admits. Just arranging a live address from a crew member aboard the International Space Station required extensive collaboration with NASA. But, he noted, SSP’s academic director called this SSP16 probably the most successful in the program’s 30 years.

“Lessons from the Jewish Genome” was the first international conference to look at genetically isolated populations—and potentially save lives.

“The sheer amount of detail in shepherding such a large-scale event seemed astronomical at first, Prof. Gurfil admits. Just arranging a live address from a crew member aboard the International Space Station required extensive collaboration with NASA. But, he noted, SSP’s academic director called this SSP16 probably the most successful in the program’s 30 years.”

The sheer amount of detail in shepherding such a large-scale event seemed astronomical at first, Prof. Gurfil admits. Just arranging a live address from a crew member aboard the International Space Station required extensive collaboration with NASA. But, he noted, SSP’s academic director called this SSP16 probably the most successful in the program’s 30 years.

“Lessons from the Jewish Genome” was the first international conference to look at genetically isolated populations—and potentially save lives.
The Israel-U.S. STEM Pipeline: Envisioned by Mortimer B. Zuckerman
Donor Spotlight
Allen and Jewel Prince

The university is intent on ensuring that our gifts are put to the best use. We feel connected to each and every project.” – ALLEN PRINCE

Allen and Jewel Prince had been to Israel many times. But it wasn’t until 2010 that they heard about the Technion while having dinner with a neighbor. When he joined the Technion Board of Governors, he was a visiting professor in Boca Raton, Fla. They were moved by the professor’s personal story and his research, and wanted to learn more. Throughout the following year, they attended ATS programs and met other faculty members and students. With each encounter their interest grew. They began to understand the Technion’s role in strengthening Israel, and its global effect on medical research. To gain a full picture of the university, they decided to visit the Haifa campus. Their visit included stops at many research laboratories. “We were interested in finding a project where we could make an impact,” says Jewel. “Often we got to the medical school, it was easy for us to agree on the field of immunology because it affected our grandson, and others with immune issues.”

They were shown a laboratory that was in desperate need of renovation, then taken to a freshly equipped and updated laboratory, which had been completely transformed. “I saw what could be done, and we decided to become involved with the project,” says Allen. The Princes provided the funds to demolish and rebuild the infrastructure, while other donors outfitted the individual laboratories. Today, the Princes are proud partners in The Allen and Jewel Prince Molecular Immunology Research Laboratory Complex, in honor of their children and grandchildren. The complex houses six cutting-edge laboratories. Today, the Princes experience an emotional reward. “It was very exciting and emotional for us to see the end result,” says Jewel, who kept a piece of yellow ribbon from the construction days as a souvenir.

The couple’s excitement was only surpassed by that of their beneficiaries. “We went from lab to lab and spoke with researchers and students,” says Allen. “There was an outpouring of emotion and enthusiasm, and it was very heartfelt.” The experience brought such a sense of fulfillment that the Princes strengthened their commitment. In 2013, they launched The Prince Center for Neurodegenerative Disorders of the Brain, which supports research on Alzheimer’s, Parkinson’s and other neurodegenerative diseases.

“Knowing this is a worldwide issue, we felt that the Technion could make an impact in finding cures for these debilitating diseases.” In 2015, Allen was recognized with a Technion Honorary Fellowship for his dedication and commitment.

This relationship has been a true partnership. The university, the Princes say, is intent on ensuring that their gifts are put to the best use, and that they feel connected to each and every project. “We’re thousands of miles away from the laboratories, but everyone makes us feel comfortable that our projects are being monitored properly and our standards are being met,” says Allen. “From President (Peretz) Lavie on down, the faculty and students at the Technion are very much involved in what’s happening on campus.”

In June 2014, the Princes, along with their three daughters, two sons-in-law and five grand-children, attended a dedication ceremony on the site, then under construction. Every time they look at photos from the event, and remember their return trip to tour the then up-and-running labs, the Princes experience an emotional reward. “It was very exciting and emotional for us to see the end result,” says Jewel, who kept a piece of yellow ribbon from the construction days as a souvenir.

The couple’s excitement was only surpassed by that of their beneficiaries. “We went from lab to lab and spoke with researchers and students,” says Allen. “There was an outpouring of emotion and enthusiasm, and it was very heartfelt.” The experience brought such a sense of fulfillment that the Princes strengthened their commitment. In 2013, they launched The Prince Center for Neurodegenerative Disorders of the Brain, which supports research on Alzheimer’s, Parkinson’s and other neurodegenerative diseases.

“Knowing this is a worldwide issue, we felt that the Technion could make an impact in finding cures for these debilitating diseases.” In 2015, Allen was recognized with a Technion Honorary Fellowship for his dedication and commitment.

This relationship has been a true partnership. The university, the Princes say, is intent on ensuring that their gifts are put to the best use, and that they feel connected to each and every project. “We’re thousands of miles away from the laboratories, but everyone makes us feel comfortable that our projects are being monitored properly and our standards are being met,” says Allen. “From President (Peretz) Lavie on down, the faculty and students at the Technion are very much involved in what’s happening on campus.”

Jewel adds: “We feel like family, and one is responsible to take care of one’s family.”
In 1923, Albert Einstein visited the one building that was then the Technion. Despite its small size and lack of funds, its mission and vision of offering Jewish students a world-class education so impressed him that upon returning to Berlin, he founded and chaired the world’s first Technion society.

Since then, the number of societies has grown to 20, and with the generosity of friends, alumni and supporters worldwide, has helped the Technion become the leading institution it is today. Here’s an update on what’s going on in three Technion societies around the globe.

**ISRAEL**

The Israel Friends of Technion (IFT) recruited 17 alumni to its Executive Board last year. Led by Chairman Hagai Shalom and CEO Ofer Simchony, IFT has broadened its supporter base through its new annual giving program. Targeting the 1,000 most successful Technion alumni, IFT is building relationships with high-net-worth alumni, bringing in its first recurring gifts earlier this year. Rafi Mehoudar, a Technion alumnus, has become a Technion investor and gives back through a variety of ways, including a gift to one of the following focus areas: Student Support, Defense, Biomedicine, or R&D funding, fellowships, grants and other investments.

Rebecca A. Famin
Dahua Gold Wolfson
Gary Rockfield
Contributing Writers

Yvette Gershon
Editorial Consultant

Efrat Marag
Jeff Weiner
Fili Wulp
Nitsan Zehar
Major Photography

Eilen Shapiro
Visual Language LLC

Graphic Design

Jennifer Frey
Editor and Writer

Matthew Sudol
Director of Communications and Public Relations / Editor

Published by the American Technion Society

Zahava Bar-Nir
President

Scott Leemaster
Chairman of the Board

Jeffrey Richard
Executive Vice President

Tanya Kantrowitz
Senior Vice President, External Relations

Scott Leemaster
American Technion Society

2017

www.ats.org/technionusa

or read online at

www.ats.org/offices

New York, NY 10022

55 East 59th Street

Tel 212.407.6300

Fax 212.733.2925

info@ats.org

To connect with the ATS in your area, visit www.ats.org or read online at www.ats.org/technionusa

ONLINE GIVING IS EASY! Make your online gift to the American Technion Society on our secure website. Go to www.ats.org and click on the “Make a Gift” button. You can even arrange for monthly charges to your credit card. You can also make gifts in memory of or in tribute to a loved one.

**MY FEELING OF AWE DOESN’T END AFTER LEAVING THE Haifa or New York City campuses.**

It actually grows stronger each time I meet with our alumni, lay leaders and especially our supporters. Each of you embody what it takes to help make the Technion a top 10 global institution. As Technion President Professor Peretz Lavie says, leading universities need three things: excellent students, top faculty and a sense of mission. We are setting our sights unbelievably high: curing cancer, revolutionizing technology and extending human life by decades. All of this is possible. And it is possible because of you.

You are one of the faces of the Technion. You are a Technion brand ambassador whose voice and influence extends far beyond your community. And it is through your own words to your network of friends, family and colleagues that we will be able to expand our supporter base. We cannot succeed without your help.

To that end, we are introducing our new Technion Fund, which will help ensure that all supporters have access to a broad array of opportunities for engagement at all levels.

“My feelings of awe doesn’t end after leaving the Haifa or New York City campuses. It actually grows stronger each time I meet with our alumni, lay leaders and especially our supporters. Each of you embody what it takes to help make the Technion a top 10 global institution. As Technion President Professor Peretz Lavie says, leading universities need three things: excellent students, top faculty and a sense of mission. We are setting our sights unbelievably high: curing cancer, revolutionizing technology and extending human life by decades. All of this is possible. And it is possible because of you.

You are one of the faces of the Technion. You are a Technion brand ambassador whose voice and influence extends far beyond your community. And it is through your own words to your network of friends, family and colleagues that we will be able to expand our supporter base. We cannot succeed without your help.

To that end, we are introducing our new Technion Fund, which will help ensure that all supporters have access to a broad array of opportunities for engagement at all levels.

“My feelings of awe doesn’t end after leaving the Haifa or New York City campuses. It actually grows stronger each time I meet with our alumni, lay leaders and especially our supporters. Each of you embody what it takes to help make the Technion a top 10 global institution. As Technion President Professor Peretz Lavie says, leading universities need three things: excellent students, top faculty and a sense of mission. We are setting our sights unbelievably high: curing cancer, revolutionizing technology and extending human life by decades. All of this is possible. And it is possible because of you.

You are one of the faces of the Technion. You are a Technion brand ambassador whose voice and influence extends far beyond your community. And it is through your own words to your network of friends, family and colleagues that we will be able to expand our supporter base. We cannot succeed without your help.

To that end, we are introducing our new Technion Fund, which will help ensure that all supporters have access to a broad array of opportunities for engagement at all levels.

“My feelings of awe doesn’t end after leaving the Haifa or New York City campuses. It actually grows stronger each time I meet with our alumni, lay leaders and especially our supporters. Each of you embody what it takes to help make the Technion a top 10 global institution. As Technion President Professor Peretz Lavie says, leading universities need three things: excellent students, top faculty and a sense of mission. We are setting our sights unbelievably high: curing cancer, revolutionizing technology and extending human life by decades. All of this is possible. And it is possible because of you.

You are one of the faces of the Technion. You are a Technion brand ambassador whose voice and influence extends far beyond your community. And it is through your own words to your network of friends, family and colleagues that we will be able to expand our supporter base. We cannot succeed without your help.

To that end, we are introducing our new Technion Fund, which will help ensure that all supporters have access to a broad array of opportunities for engagement at all levels.

“I feel extremely fortunate that in my role I have the opportunity to meet the many faces of the Technion. Whether it is listening to the spirited dialogue of a first-year student over a cup of coffee or joining our rising Ph.D.s in their labs as they discuss their complex research, I am in awe. The Technion’s sheer concentration of talent and passion is like nothing else I’ve seen in my career in higher education.”

“"We are introducing our new Technion Fund, which will help ensure that all supporters have access to a broad array of opportunities for engagement at all levels.”"
This year, the new Cornell Tech campus, home to the Jacobs Technion-Cornell Institute, will be opening for classes—and our tour will include a VIP visit to this cutting-edge university. In 2018, the tour will continue in China for an enlightening experience at the Guangdong Technion Israel Institute of Technology. To register and learn more, visit www.technionworldtour.org.