



A M E R I C A N
TECHNION
S O C I E T Y

TECHNION BUSINESS CONNECTION

With a history of entrepreneurship and unique opportunities for investment, the Technion is training business leaders and helping to drive local economies. Its applied research produces pioneering technologies that are translated into high-tech exports, most often by its own graduates. The proof is in the numbers:

More than 70% of Technion graduates are employed in the high technology sectors that drive the country's economic growth. Technion alumni are 13 times more likely than the average Israeli to be working in R&D*

Technion graduates occupy a variety of senior positions and management roles in Israel's economy. 25% of them are CEOs and vice presidents, and 41% fill other management positions. *

The estimated annual output of Technion graduates in high-tech, communications and R&D alone exceeds \$20 billion—greater than the gross domestic product (GDP) of 85 nations. *

The Technion ranked #14 on PitchBook's 2018-2019 list of the top 50 universities producing VC-backed entrepreneurs for the second consecutive year. NOTE I deleted the Reuters list because Technion did not make it last year and this year they only did a list of European universities.

In a November 2017 survey published by Times Higher Education, the Technion was named the world's leading academic institution when it comes to preparing students to take top positions in the digital revolution.

17 percent of Technion graduates are working in high-tech start-ups, three times the average rate in Israel's economy, and without parallel in the entire developed world *

42 of the 72 Israeli companies on Nasdaq in March 2015, were founded or run by Technion graduates. Their Nasdaq Market Cap was approximately \$22 billion. *

From 1995 to 2014, a total of 1,602 companies were founded and/or managed by Technion graduates. Those companies created about 95,500 jobs and generated over \$30 billion. **

Of the top 125 Israeli executives listed by Dun & Bradstreet, 41 are Technion graduates. That's one-third of Israel's top business leaders, even though the Technion is just one of seven Israeli research universities.

25 percent of Technion graduates start at least one new company during their work careers. *

The Technion Research and Development Foundation (TRDF) manages university research programs and performs testing and research services for industry and government. T3, the technology transfer arm of TRDF, takes the Technion's groundbreaking scientific ideas and matches them with investors and entrepreneurs. T3 has secured a multitude of patents and

nurtured scores of innovative startups in sectors including clean-tech, cell therapy, drug development and nanotechnology.

Dozens of American companies, including such giants as Apple, Google, Motorola, Intel, IBM, Hewlett-Packard, Qualcomm, Yahoo!, and Amazon have set up operations in Israel, mainly around the Technion campus in Haifa, to best take advantage of its research power and trained graduates.

The Technion's influence is known the world over, and a growing number of universities, municipalities and businesses are eager to partner with it. One of the most renowned partnerships is the collaboration with Cornell University to create Cornell Tech, an applied science educational institution in New York City that is expected to help create tens of thousands of jobs and businesses. At the very heart of this initiative is the Joan and Irwin Jacobs Technion-Cornell Institute, which offers a dual master's degree from both universities, and the Runway Startup Postdoc Program.

Another prime example of the Technion's burgeoning global influence is its joint venture with Shantou University to build an academic facility in China called the Guangdong Technion Israel Institute of Technology (Guangdong Technion). This partnership is viewed by many as part of the broader movement of globalization now sweeping the academic world. Courses have already begun on the campus, which was dedicated in December 2017.

Sources: * Technion Nation (2018)

** "Companies and Management Positions by Technion Graduates and Companies based on Knowledge Generated at the Technion;" Samuel Neaman Institute, Technion-Israel Institute of Technology (March 2015)

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