

TECHNION/U.S. COLLABORATION

The flow used to be one way: U.S. companies invested in Israeli companies or established subsidiaries in Israel. Today, hundreds of Israeli companies are based in the United States, many headed by Technion alumni. In addition, research and development projects for U.S. companies and government agencies are often conducted in Israel, most often at the Technion.

- Hundreds of Israeli companies, most launched and managed by Technion alumni, have subsidiary operations in the U.S., mostly in Silicon Valley. In 2016, Israeli foreign direct investment (FDI) in the U.S. totaled \$55.4 million. (*Source: U.S. Bureau of Economic Analysis (BEA)*)
- Hundreds of Technion alumni work in Silicon Valley, most in senior executive positions.
- Israel has 107 companies on U.S. stock exchanges – more than any country except Canada and China
- The Technion is one of the “Top 10 Colleges for Tech CEOs,” according to an August 2013 report by Bloomberg Rankings. The Technion (tied for #7) is the only university outside of the U.S. on the list, which was compiled by looking at the CEOs of 250 U.S. companies with a market value of \$1 billion and above, and determining the university at which those CEOs studied.
- Many successful Israeli companies have been acquired by U.S. corporations including: ICQ (by Digital Sky Technologies in 2010), Adallom (by Microsoft in 2015), and Mobileye (by Intel in 2017).
- Goods and services trade between the U.S. and Israel totaled \$47.1 billion in 2016, making Israel the U.S.’s 22nd leading goods trading partner. Israel exports to the U.S. accounted for more than \$22 billion. (*Source: Office of the United States Trade Representative*)

Some Examples of Direct U.S.-Technion collaboration:

-- The Joan and Irwin Jacobs Technion-Cornell Institute (Jacobs Institute): plays a key role within Cornell Tech, by offering interdisciplinary dual degree programs in the applied information-based sciences, and by bringing a global perspective to research and education with an emphasis on technology transfer, commercialization and entrepreneurship. The



permanent campus, located on Roosevelt Island, was officially dedicated in September 2017.

-- The Technion also has cooperative agreements with the University of Illinois System; Northeastern University; Syracuse Upstate Medical University-International Institute of Biomedical Sciences and Technology; the City of Chicago; University of Michigan; Yale University of Management; and Johns Hopkins University, among others.

-- NASA: Technion research enabled the transmission of video pictures from Mars by the NASA explorer "Spirit." Technion-NASA collaboration also included research on solar electric propulsion and spatial orientation in flight displays.

-- BIRD Foundation: Binational Industrial Research and Development Foundation: Promotes R&D matches including a 2011 grant to develop the robotic exoskeleton ReWalk.

-- Binational Science Foundation: promotes US/Israel scientific relations through collaborative research projects, many at the Technion.

-- Binational Agricultural Research and Development Fund: supports joint US/Israeli agricultural research

-- Student exchange programs include ones with the University of Michigan; Pennsylvania State University; New York University School of Medicine; Brown University; Rice University; University of California at Irvine; University of Maryland; and Rutgers University.

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