

## TECHNION BUSINESS CONNECTION \*

*Israel has become Silicon Valley's single serious competitor. This explosion in Israel's competitive edge would not have been possible without the Technion-Israel Institute of Technology. The applied research at the university produces pioneering technologies that are translated into high-tech exports, most often by its own graduates. Some examples:*

- More than 70 percent of Technion graduates are employed in the high technology sectors that drive the country's economic growth.
- Technion graduates occupy a variety of senior positions and management roles in Israel's economy. 25 percent of them are CEOs and vice presidents, and 39 percent fill other management positions.
- 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.
- 17 percent of Technion graduates are working in – or have worked in – start-ups, three times the average rate in the economy, and without parallel in the entire developed world. In 2010, exports of services from start-up companies in Israel accounted for more than \$622 million.
- Nearly 96,000 graduates have launched, lead or are growing Israel's major companies, including 59 of the 121 high-tech Israeli companies on the NASDAQ. These companies originating from the Technion have a market value (as of November 2010) in excess of \$28.2 billion. (figures as of 2012. Source: *Technion Nation*)
- Technion graduates account for 51 percent of Israel's industrial exports.
- 41 Technion graduates are listed in Dun & Bradstreet's List of Top 125 business leaders.
- 44 Technion graduates are in leadership roles in Israel's top dozen exporters.

- 23 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. T<sup>3</sup>, the technology transfer arm of TRDF, takes the Technion's groundbreaking scientific ideas and matches them with investors and entrepreneurs. T<sup>3</sup> 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 Google, Motorola, Intel, IBM, Hewlett-Packard, and Yahoo! have set up operations in Israel, mainly on and around the Technion campus in Haifa to best take advantage of its research power and trained graduates.
- The Technion's influence on Israel's economy is known the world over, and a growing number of universities, municipalities and businesses are eager to partner with it. No collaboration speaks to the Technion's reputation more than its partnership with Cornell University, selected to create a new applied science educational institution in New York City. At the very heart of this initiative is the Joan and Irwin Jacobs Technion-Cornell Institute (JTCI), which will offer a dual master's degree from both universities, and which is expected to help create tens of thousands of jobs and businesses.

(\* All figures as of 2012. Source: *Technion Nation*)

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