



## **From Lab to Marketplace: The Technion's Role**

*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.
- 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.
- 59 of 121 Israeli companies on Nasdaq are founded or run by Technion graduates. As of November 2010, these companies have a market value of more than \$28.2 billion. In other words, Technion alumni have created wealth in excess of \$28 billion.
- Technion graduates account for 51% of Israel's industrial exports.
- 41 Technion graduates are listed in Dun & Bradstreet's List of Top 125 Israeli business leaders.
- 44 Technion graduates are in leadership roles in Israel's top dozen exporters.
- 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.

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