



From Researchers to Entrepreneurs

Concordia University spin-off, Microbridge Technologies Inc., has launched a high-performance, low-cost electrical trimming device; early research on the technology started with CMC over a decade ago

"With access to the integrated microsystems R&D infrastructure provided by CMC, we learned a lot while performing research at Concordia. It added a whole new dimension to our capabilities and the key learnings from this research directly impacted our future application development with Microbridge."

**Dr. Leslie Landsberger
Chief Technology Officer and Founder
Microbridge Technologies Inc.**

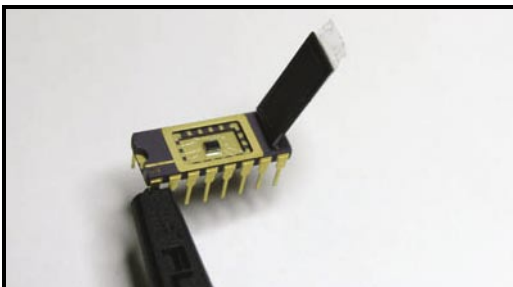


Dr. Landsberger (left) and Dr. David Cheeke (right), both of Microbridge, believe that CMC was essential to the launch of their Montréal-based start-up.

Does university research pay off? Microbridge Technologies is proving to clients and investors that it does. In June 2004, the Montréal start-up company launched the Rejistor™ (electronically re-adjustable resistor), a novel, low-cost device for adjusting analog electronics to near perfect precision. The technology promises to boost productivity and profits for several industries, including the sensors and consumer electronics sectors.

The basic research for this MEMS-based technology began in 1991 when two professors at Concordia teamed up with CMC and the National Research Council to study how silicon behaves under high temperatures. Dr. Leslie Landsberger and Dr. David Cheeke made extensive use of fabrication and testing facilities provided by CMC during the project.

"That early research later helped Microbridge to determine the type of product it would commercialize," says Dr. Landsberger, Chief Technology Officer and Founder of Microbridge.



Microbridge has launched the Rejistor™, a low-cost trimming device for analog circuits and systems. The early research that contributed to the future development of this technology was conducted at Concordia University over 10 years ago, using fabrication and testing facilities provided by CMC.

CMC has also contributed to the development of talent for the growing company. Most of its eight employees have used CMC's products and services, including the Vice-President of Operations, Dr. Cheeke. "The skills and experience acquired by graduates is directly applicable to the R&D product development cycle and help give Canadian start-up companies like Microbridge an edge," he says.

The venture capitalists appear convinced. In December 2003, the Fonds de solidarité FTQ and Innovatech Montréal invested \$2.65 million in Microbridge. That same month, Dr. Adam Chowaniec, the Chairman of Tundra Semiconductor Corp., became Chairman of Microbridge.

Adds Dr. Landsberger: "Without a decade of research support from CMC, our start-up company would never have happened."^{cmc}