



Dr. Jeffrey S. Downey

*Leather to Advanced Semi-Conductors:
Lessons Along the Commercialization
Pathway*

Jeff Downey is an accomplished research and development leader with over 25 years of experience in advancing technology and product commercialization across diverse industries, including packaging, advanced fibers, biosciences, water treatment, and electronics. He earned a Bachelor of Science in Honours Chemistry from the University of Waterloo and a Ph.D. in Polymer Chemistry and Material Science from McMaster University before joining DuPont. On November 1st 2025 DuPont separated its electronics business unit as an independent company called Qnity Electronics and Jeff is Site Director and Canadian Innovation Director at their Kingston Technology Centre (KTC). The centre is part of the global Research and Development and Integrated Operations network of laboratories and is the only location specializing in Process Development and Scale-up to Commercialization of new technology.

Outside of work, Jeff is an avid adventurer and lifelong learner. He enjoys remote expeditions, backcountry skiing, and cycling, reflecting his curiosity and drive for exploration.



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