

# CBB Bioinnovations Seminar Series

## “Accelerating Academic Research into Commercial Impact”

Friday November 6, 2015

11:00 am – 12:30 pm

University of Waterloo, Davis Centre (DC) Room 1302

### Charles L. Cooney

*Robert T. Haslam (1911) Professor of Chemical Engineering, Emeritus,  
Faculty Director Emeritus, Deshpande Center for Technological Innovation  
Massachusetts Institute of Technology*



**Charles L. Cooney**  
MIT, Chemical Engineering

#### Abstract:

In 2002, we founded the Deshpande Center for Technological Innovation at MIT with the intent of identifying early stage research that if successful might have commercial impact. During the following 13 years we have seen the formation of more than 30 spinout companies. In this presentation, I will describe the lessons learned and how academic research can serve as a driver of economic growth.

#### Biosketch:

Charles L. Cooney received his B.S. in chemical engineering from the University of Pennsylvania in 1966, and the S.M. (1967) and Ph.D. (1970) in biochemical engineering from MIT. After a short post-doc at the Squibb Institute for Medical Research, he joined the MIT faculty as an assistant professor in 1970, becoming full professor in 1982.

Cooney's honors include the 1989 Gold Medal of the Institute of Biotechnological Studies (London); the Food, Pharmaceutical, and Bioengineering Award from the American Institute of Chemical Engineers; the James Van Lanen Distinguished Service Award from the American Chemical Society's Division of Microbial and Biochemical Technology; election to the American Institute of Medical and Biochemical Engineers and a Fellow of the American Chemical Society.

A consultant to multiple biotech and pharmaceutical companies, Cooney sits on the boards of Polypore International, Biocon, Ltd. (India) and multiple private companies (GreenLight Bioscience, Mitra Biotech, Pronutria Biosciences, Boyd Technologies, enEvolv Inc., Levitronix). His research and teaching interests span many aspects of biochemical engineering and pharmaceutical manufacturing. Full biosketch can be found on [cbb.uwaterloo.ca/events](http://cbb.uwaterloo.ca/events).

**Event is FREE – [please RSVP via EventBrite](#)**

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