



Department of Chemistry

University of Central Florida

Department of Chemistry Seminar Series – Spring 2021

Life in Industry: Building Bridges-Macro to Micro-to Connect the World



Bio: Cathy is a chemist at DuPont Electronics and Industrial. Currently, she is a member of the Interconnect Solutions group where she is part of a technical team to develop polymers for the next generation of electronics. Cathy earned her Ph. D. at Cornell University in the Dichtel Research group where she worked on bringing covalent organic frameworks into a new application space, namely, electrochemical energy storage. Outside of the lab, she enjoys cooking/baking, and home improvement, but her favorite way to spend her time is entertaining her 15-month-old son.

Dr. Cathy Mulzer

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DuPont Electronics and Industrial Interconnect Solutions

Host: [Fernando Uribe Romo](#)

February 19, 2021 10:00 AM (Live) and 3:30 PM (Recorded) – Zoom

Zoom Meeting Room: <https://ucf.zoom.us/j/95787434425> Passcode: 184066



There is no doubt that electronic devices have transformed our daily communication. It is estimated that almost one third of the world's population carries a computer on their person. That means 3.5 billion people carry a smartphone so that they can provide voice and text communications, access to the internet, track their work outs, pay their bills, and beyond all on one device. Now, we want to increase the connectedness of our devices, homes, and automobiles, but this also increases the demands of the materials and chemistries we use to produce our electronic devices. This talk will describe one area in which materials are being designed to meet the higher performance requirements needed to enable the next generation of electronic devices.