

# 2019 Seaborg Industrial Lecture Symposium

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**Dr. Sean M. Smith**  
3M Company

***Fluoromaterials  
Development at 3M***

Sean Smith received his B.A. from Simpson College, a small liberal arts school in Indianola, IA, before obtaining his Ph.D. in Chemistry at the University of Nebraska under the advisement of Professor James Takacs. He then moved to Cambridge, MA and worked under the direction of Professor Stephen Buchwald at MIT as a Postdoctoral Associate. In 2014, Sean accepted a position in the Corporate Research Laboratories at 3M Corporate Headquarters in Saint Paul, Minnesota where his research has primarily focused on the development of sustainable fluoromaterials technologies such as high performance heat transfer fluids, fluoropolymers, and additives.



**Dr. Mari Rosen**  
The Dow Chemical Company

***Chromium Catalysts with  
Phospholane Ligands for  
Ethylene Tetramerization***

Mari Rosen is currently a chemist at Dow in the Chemical Science group in Core R&D. Her research at Dow is in the area of organometallic chemistry and homogeneous catalysis, with a focus on new catalyst development for industrial processes. Mari received her Ph.D. in Inorganic Chemistry from Northwestern University with Chad Mirkin and she received a B.A. in Chemistry and Russian from Amherst College.



**Dr. Staci Wegener**  
BASF Corporation

***Introduction to Polyurethane  
– The Versatile Polymer***

Staci Wegener received a B.S. in Chemistry from Saginaw Valley State University and a Ph.D. from Northwestern University where she studied supported vanadium oxide catalysts under the direction of Tobin Marks and Peter Stair. She joined BASF in 2012 and has held various positions in R&D, business development, and marketing. Staci currently the Infrastructure Market Segment Manager in the Performance Materials unit at BASF.

**Saturday, April 27, 2019**  
**Haines 118**  
**12:00 p.m.-2:30 p.m.**