

Frontiers in Research Excellence and Discovery

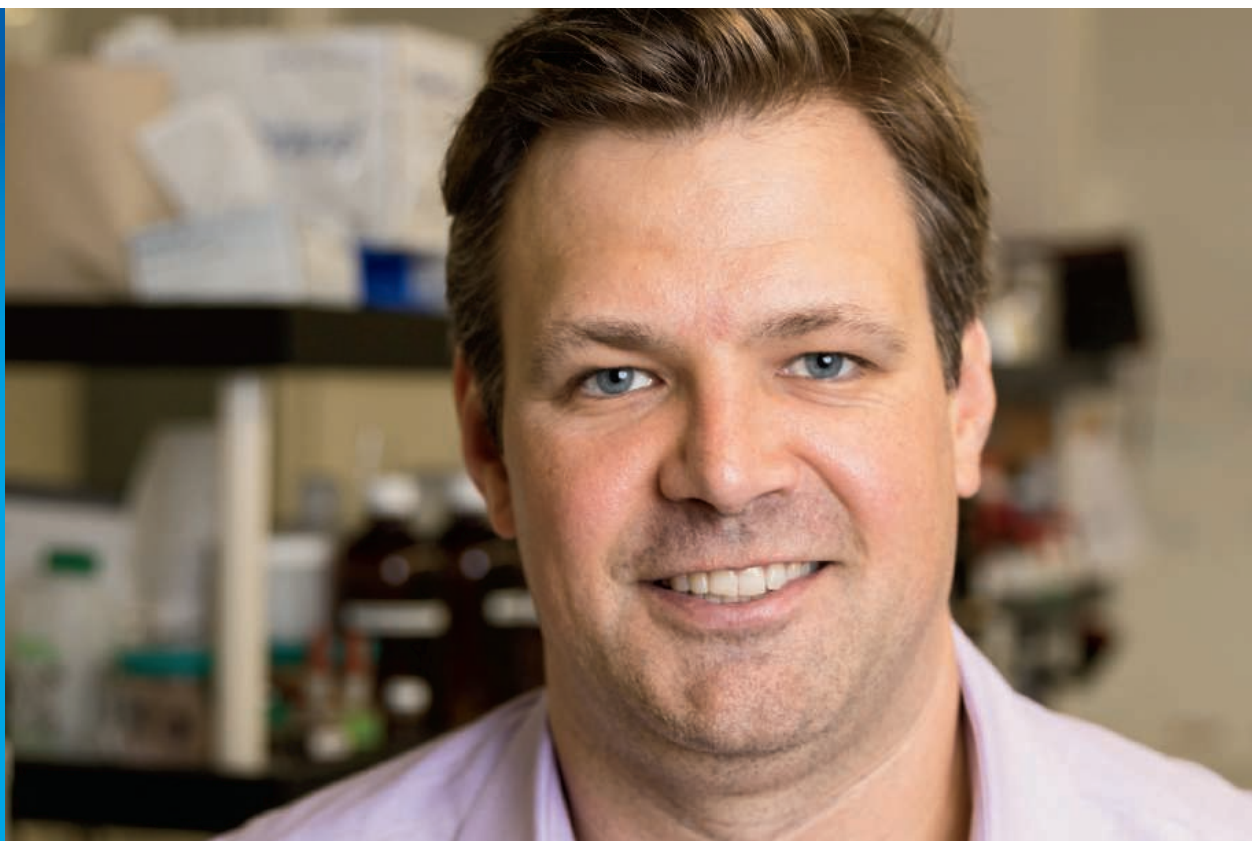
Chemist Will Dichtel, Northwestern University, is the 2018 recipient of the Cottrell Frontiers in Research Excellence and Discovery (FRED) Award from Research Corporation for Science Advancement. His work addresses the most important contemporary challenges at the interface of organic chemistry and materials science. Specifically, the \$250,000 FRED Award goes to support Dichtel's pioneering efforts to develop new methods to polymerize diverse monomers into ordered, two-dimensional polymers with unprecedented control of their covalent structure, crystallite size and shape, and higher-order assembly.

The Cottrell FRED Award supports early stages of exceptional, high-risk/high-reward research that may potentially transform a field of scientific inquiry. It is presented to highly creative Cottrell Scholars whose ideas and potential solutions, though not readily funded by conventional grant programs, address major current challenges in the recipients' areas of research expertise.

By developing unique perspectives for solving key challenges, Cottrell FRED awardees create new approaches that accelerate basic science research for the benefit of society.

Since 1994 the Cottrell Scholar program has developed outstanding teacher-scholars recognized by their scientific communities for the quality and innovation of their research programs and their academic leadership skills

2018 Cottrell
Frontiers in
Research
Excellence
and Discovery
Awardee



WILL DICHEL
Professor of Chemistry
Northwestern University

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