

Northwestern | Chemistry

Winter 2019 Chemistry Newsletter

From the Chair



Welcome to our Winter 2019 newsletter! We have weathered another polar vortex, including a brief closure at Northwestern, but the Department has stayed focused and dedicated to our goals of this new year. To celebrate the people and success of the Department—and to provide a much-needed break in the gray winter weather—we had a late-winter celebration and I delivered the State-of-the-Department address. Pictures from this event can be found [here](#). Enjoy the latest happenings!

Spotlights



Faculty: **Todd Gingrich**

Please welcome our newest faculty member! Todd is an Assistant Professor in theoretical chemistry who joined the department in September 2018. Enthralled by Harry Gray's enthusiasm, Todd was captivated by the use of quantum mechanics and group theory to understand the color of molecules. [Read more.](#)



Student: **James Schwabacher**

James Schwabacher, a graduate student in the Weiss Lab, hails from Staten Island, NY and obtained his B.S. in chemistry from American University in Washington, D.C. His quantum dot research allows him to study light-matter interactions, nonoscale structures, and chemical physics. [Read more.](#)



Alumna: **Mari Rosen**

Mari Rosen ('14 Mirkin Alum) defended her thesis five years ago. Today, she is a division scientist at Dow Chemicals, doing research in organometallic chemistry and homogeneous catalysis, with a focus on catalytic development for industrial processes. [Read more.](#)



Staff: **Peggy Schott**

Margaret Schott, or Peggy, as most of the Chemistry Department knows her, has been at NU since 2008, when she was hired for the arrival of Sir Fraser Stoddart's team from UCLA. It was a homecoming of sorts, as Peggy had graduated from Northwestern with a PhD in Organic Chemistry in 1982. [Read more.](#)



In Memoriam: **Claude Lucchesi**

Claude Lucchesi, a pioneer with tremendous foresight, passed away in October, 2018. He established the Analytical Services Laboratory at Northwestern University, whose mission was to combine education with centralized laboratory services. [Read more.](#)

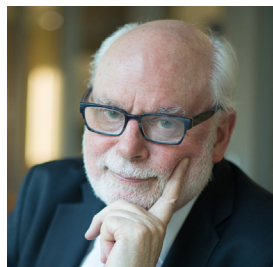
Recent Honors and Awards



Teri Odom was designated an **Optical Society of America Fellow**.



Todd Gingrich was awarded the **American Physical Society 2019 Irwin Oppenheim**.



Sir Fraser Stoddart received the **China International Science and Technology Cooperation award**.



Joe Hupp received the **2018 George S. Hammond award from I-APS**.



George Schatz was awarded the **Ahmed Zewali Prize in Molecular Sciences**.

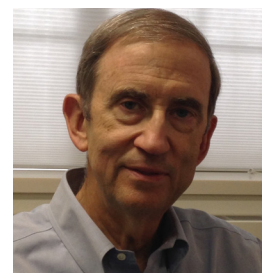
2018 Highly Cited Researchers from Clarivate Analytics

Antonio Facchetti
Joseph T. Hupp
Tobin J. Marks
SonBinh T. Nguyen
George C. Schatz
J. Fraser Stoddart
Richard P. Van Duyne

Omar K. Farha
Mercouri G. Kanatzidis
Chad A. Mirkin
John A. Rogers
Karl A. Scheidt
Samuel I. Stupp



Chad Mirkin to receive the **Netherlands Award for Supramolecular Chemistry**.



Fred Lewis (Emeritus) elected as **I-APS Fellow**.

Events

2018 L. Carroll King Memorial Lectures

Professor Catherine Drennan

Massachusetts Institute
of Technology
and Howard Hughes
Medical Institute

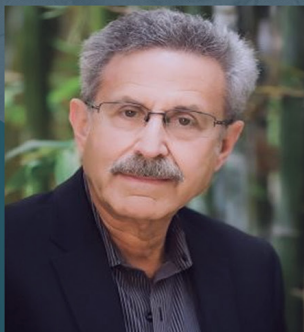


October 18 & 19, 2018

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Fred Basolo Medal 2018 for Outstanding Research in Inorganic Chemistry

Presented to:



Edward Solomon
Stanford University

October 26, 2018

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2018 L. Carroll King Memorial Lectures



Professor Neil Garg
University of California,
Los Angeles

November 12-13, 2018

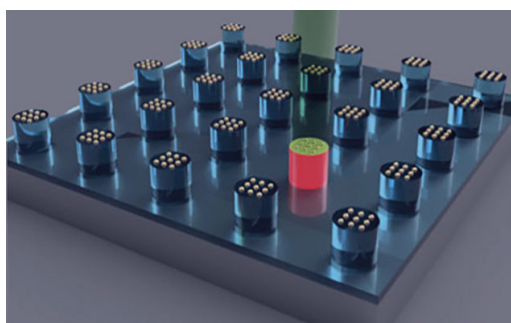
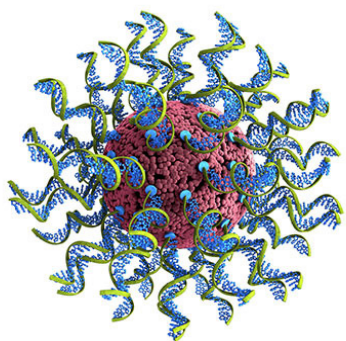
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The Research Safety Student Initiative (**RSSI**) was featured in *Science*.

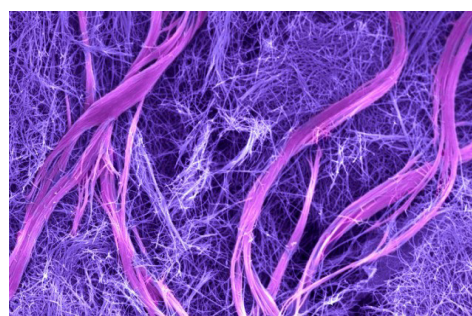
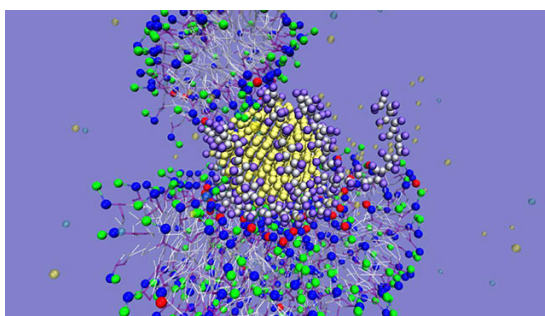
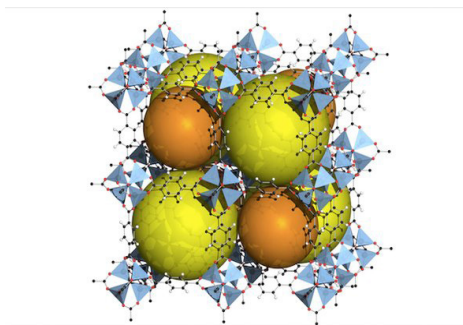


Gianneschi's research on spider silk could lead to creating equally strong synthetic materials. [Read more.](#)



Mirkin and Mrksich's novel approach will aid scientists in optimizing SNAs as therapeutic vaccines to treat cancer. [Read more.](#)

Mirkin's megalibrary approach proves useful for the rapid discovery of new materials. [Read more.](#)

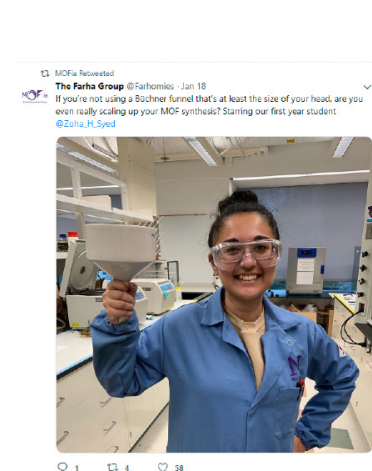


Farha's article on MOFs published in *Scientific American*.

Geiger's study provides insight into how nanoparticles interact with biological systems. [Read more.](#)

Stupp's research on bio-inspired dynamic materials. [Read more.](#)

Social Media



From the Archives



Ryan Hall groundbreaking in 2000. From left: Eric Sundquist, Lydia Villa-Komaroff, Mark Ratner, Rosemary J. Schnell, James Ibers, Chad Mirkin, and Grier Davis.

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