

Winter 2019 Newsletter

From the Chair



Welcome to Winter 2019! As the new Chair of Chemistry, I am excited to share happenings in the department from over the past year. We hope that profiling members of our community – from faculty to students to staff – will showcase how a diverse set of people contribute to and are the foundation for the department's success.

[Read the complete message from Teri Odom.](#)

Spotlights

Faculty: Sir Fraser Stoddart

Sir Fraser Stoddart, winner of the 2016 Nobel Prize in Chemistry, has taken on another role – as champion for the 50 Forward fundraising campaign in celebration of ACS Project SEED's 50th anniversary. [Read more.](#)



Student: Agnes Thorarinsdottir

Agnes Thorarinsdottir is a fourth-year chemistry graduate student in the Harris Lab who came to Northwestern after finding academic opportunities too limited in her home country of Iceland. [Read more.](#)



Alumna: Marie Heffern

Marie Heffern (2017 Meade Alum) began her independent career at UC Davis in July 2017. In this short Q&A (the first of a new series highlighting early-career researchers), she shares her experience as a young researcher and the advice she would give to her younger self. [Read more.](#)



Staff: Jonathan Maendel

Jonathan Maendel is a familiar face in Chemistry. He joined Northwestern in 2007, when he was hired as a graduate program assistant. [Read more.](#)



Recent Honors and Awards



Will Dichtel was awarded a **2018 Guggenheim Fellowship**, a **2018 Cottrell FRED Winner**, and the **2018 Akron Section Award**.



Danna Freedman was named the **2018 Camille Dreyfus Teacher-Scholar**, received the **ACS Award in Pure Chemistry** and was promoted to associate professor of chemistry.



Mercuri Kanatzidis was awarded the **Chemical Pioneer Award** by AIC.



Tobin Marks received the **Harvey Prize from Technion** and was elected to the **Italian National Academy of Sciences**.



Chad Mirkin received the **Remsen Award from ACS and Johns Hopkins**, the **Ralph N. Adams Award in Bioanalytical Chemistry**, **China's Friendship Award**, the **2018 Nano Research Award**, and the **2018 Harrison Howe Award**.



Teri Odom was featured in **ACS Axial**, received the **2018 TREE Award from RCSA**, was designated a **Senior Member of the Optical Society of America** and named a **2018 Fellow of the American Physical Society**.



Mike Wasielewski was awarded the **Silver Medal in Chemistry** by the EPR(ESR) Society.



Emily Weiss was a 2018 National Finalist for the **Blavatnik Award for Young Scientists** and received the ACS Division of Physical Chemistry **Early Career Award in Experimental Physical Chemistry**.



Riki Drout (Farha lab) won the **first-place prize** in the DOE's 2018 Innovations in Nuclear Technology R&D awards.



Louis Redfern (Farha lab) received the **DOE Graduate Student Research Award**.

Congratulations to the following Chemistry graduate students for receiving NSF Graduate Research Fellowships: Joseph Accardo, Kelsey Collins, Naomi Dalchand, Sylvia Hanna, Samantha Harvey, Matthew Nesbit, Luke Skala, Michael Strauss, Alexandra Tamerius, Nicolas Watkins, Peter Winegar and Cindy Zheng.

Centers and Projects

- The DOE extended the mission of Argonne-Northwestern Solar Energy Research (ANSER) to create a new center, the **Center for Light Energy Activated Redox Processes (LEAP)**, directed by Michael Wasielewski.
- The DOE renewed the Energy Frontier Research Center (EFRC) **Center for Bio-Inspired Energy Science (CBES)**, directed by Sam Stupp.
- The DOE also awarded a **Basic Energy Sciences grant** to study quantum computing, lead by Danna Freedman.

Press

- *ACS Catalysis* published Christopher Nicholas' **article** on Vladimir Ipatieff, "Dehydration, Dienes, High Octane, and High Pressures: Contributions from Vladimir Nikolaevich Ipatieff, a Father of Catalysis."
- *North by Northwestern* published **Chemistry, but Make it Small** about how nanoscience has transformed Northwestern.
- Northwestern's Student Safety Initiative mentioned in *Science*.

Social Media

 IIN at Northwestern
@IINanoNU

Follow

Congratulations Professor Jill Millstone, former Mirkin Group graduate student, who will present the prestigious @KavliFoundation Emerging Leader in Chemistry Lecture Aug. 20 at #ACSBoston. bit.ly/2upNcZd @NUChemistry @AmerChemSociety @PittTweet #nanotechnology



12:53 PM - 9 Jul 2018

4 Retweets 35 Likes

3 4 35

 The Farha Group
@Farhames

Follow

The face you make when your PI is in the lab..watching over your shoulder 😂
@OmarFarha5



1:42 PM - 30 Mar 2018

7 Retweets 61 Likes

7 61

The @ACSPublications billboards touting the "transformative" contributions of IIN Assoc. Director and @NUChemistry Professor @TeriWOdom are everywhere! @NorthwesternU grad student Alex Sample is in downtown Chicago. bit.ly/2HizpbC



11:56 AM - 10 May 2018

3 Retweets 20 Likes



As a recent @DanDavidPrize winner and director of @NorthwesternU's @IINanoNU, Chad Mirkin '86 is one of the foremost experts in nanotechnology. And the former chemistry major cites his time at Dickinson as where it all began: dson.co/2uZcwVY #dsonproud



12:33 PM - 23 Jul 2018

6 Retweets 24 Likes



From the Archives



Did you know that Professor Nathan Gianneschi was once a grad student in Professor Chad Mirkin's research group? Check out the young Prof. Gianneschi in this sub group photo, circa 2005.

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