

**WEEKLY BULLETIN**  
DEPARTMENT OF CHEMISTRY, NORTHWESTERN  
UNIVERSITY  
EVANSTON, ILLINOIS  
**August 24, 2020**

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## Return to Research Guidelines

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## New Arrivals

There are no new arrivals this week.

## BIP

[BIP](#) is over for the academic year and will return in the fall.

## Upcoming Events and News

### Special Virtual Seminar - Assistant Professor Dan Fu

Please join us in welcoming Assistant Professor Dan Fu from the University of Washington, hosted by Professor Emily Weiss. Professor Fu will be presenting a special virtual seminar on **Wednesday, August 26, 2020 at 11:00 a.m.** To attend the special seminar follow the Zoom Link below.

**Zoom Link:** <https://northwestern.zoom.us/j/93902531797>



**Dan Fu**  
University of Washington

**Wednesday, August 26, 2020**

Quantitative chemical imaging of structure and function in living biological systems – from single cells to animals

**11:00 – 12:00 p.m.**

<https://northwestern.zoom.us/j/93902531797>

Hosted by Professor Emily Weiss  
<https://is.northwestern.edu/psrc>

### REACT virtual instrumentation seminar series: For the General User

**Next Presentation Topic:** Kinetic Mechanistic Studies

**Presented by:** Neil Schweitzer (REACT)

Tuesday, August 25<sup>th</sup>, 1pm-3pm (Central Time)

Please register [here](#).



## PHD Workshop: Networking: Building Relationships to Make the Transition to Industry

Brought to you by Engineering Career Development (ECD)

Date: Wednesday, August 26, 2020

Time: Noon – 1:00 pm, CST

Location: via Zoom



In this seminar, we will discuss the most effective ways to identify and contact individuals who are affiliated with the organizations that you want to work for as you plan your transition from the lab to industry. A key outcome will be a roadmap for developing a network of relationships with mutually beneficial long-term ties. We will also discuss the role of social media in building your brand and strengthening those relationships.

To attend, registration is needed:

[https://northwestern.zoom.us/webinar/register/WN\\_eBnE-rKTSra-Bpk\\_oRwgbQ](https://northwestern.zoom.us/webinar/register/WN_eBnE-rKTSra-Bpk_oRwgbQ)

Zoom information will be sent with the event confirmation.

## Amy Rosenzweig receives 2021 Alfred Bader Award in Bioinorganic or Bioorganic Chemistry

Congratulations to Amy for being awarded the 2021 Alfred Bader Award in Bioinorganic or Bioorganic Chemistry! <https://cen.acs.org/people/awards/ACS-2021-national-award-winners/98/i31>

This ACS national award is sponsored by Alfred R. Bader Fund and the George and Christine Sosnovsky Fund “to recognize outstanding contributions to bioorganic or bioinorganic chemistry.” The award was established in 1986 with financial support by a gift to the Society from Alfred R. Bader. Effective December 2019, it was approved that the George and Christine Sosnovsky Endowment Fund be utilized to help support the Alfred Bader Award in Bioinorganic or Bioorganic Chemistry.



Amy will be honored at an awards ceremony at the ACS Spring National Meeting in San Antonio in March 2021

## **Franz Geiger / Paul Ohno receive 2021 Nobel Laureate Signature Award for Graduate Education in Chemistry**

Congratulations to Franz and Paul (former student) on being awarded the 2021 Nobel Laureate Signature Award for Graduate Education in Chemistry! <https://cen.acs.org/people/awards/ACS-2021-national-award-winners/98/i31>

This ACS national award is sponsored by Avantor “to recognize an outstanding graduate student and her or his preceptor, in the field of chemistry, broadly defined.” The award was established in 1978 by Avantor (formerly Mallinckrodt Baker Inc.) as the Nobel Laureate Signature Award for a Graduate Student in Chemistry. In 1980 the award was extended to recognize the student's preceptor(s) and its title was changed.

Franz and Paul will be honored at an awards ceremony at the ACS Spring National Meeting in San Antonio in March 2021.

Notably, Franz and Paul are the fourth preceptor and student pair from Northwestern Chemistry



## **Emily Weiss receives 2021 ACS Award in Colloid Chemistry**

Congratulations to Emily on being awarded the 2021 ACS Award in Colloid Chemistry! <https://cen.acs.org/people/awards/ACS-2021-national-award-winners/98/i31>

This ACS national award is sponsored by Colgate-Palmolive Company “to recognize and encourage scientific contributions to colloid chemistry.” The award was established as the ACS Award in Colloid and Surface Chemistry in 1952 and supported until 1993 by the Kendall Co. The Proctor & Gamble Co. sponsored the award from 1994 to 2013, and Colgate-Palmolive Company began sponsorship in 2014.

Emily will be honored at an awards ceremony at the ACS Spring National Meeting in San Antonio in March 2021



## Job Openings & Recruiting

### PPG Info Session

Topic: PPG Info Session - Northwestern University

Time: Aug 24, 2020 12:30 PM ET

Join Zoom Meeting

<https://zoom.us/j/97888625597?pwd=dFA5b0E1bythNXpmMUc3WUhoTGRHdz09>

Meeting ID: 978 8862 5597

Passcode: oneppg

*PPG is collecting questions in preparation for their info session via Slido. To submit a question in advance please follow this Slido link:*

<https://app.sli.do/event/fp0geul6>

**PPG will also hold “invited interviews” on August 26. If you have not sent in a resume and would like to be considered for an interview send your resume to Anna Invergo at [Alnvergo@ppg.com](mailto:Alnvergo@ppg.com) prior to the info session. You will be notified by the morning of Tuesday, August 25 if they will extend an invitation to interview.**



**PPG Info Session**

- Meet our NU PhD recruiting team
- Learn about the science of coatings
- Get to know research at PPG
- Discover careers in industry

Monday, August 24, 11:30-12:30 CDT  
Zoom Info Session: 978 8862 5597  
Passcode: oneppg  
Wednesday, August 26  
“Campus” Interviews – Invites sent separately

**PPG**  
We protect and beautify the world™

### Tenure-Track faculty position at the level of Assistant Professor in the Chemistry Department at Dartmouth College

Applications are invited for a Tenure-Track faculty position at the level of Assistant Professor in the Chemistry Department at Dartmouth College, starting July, 2021, in the broadly defined area of Organic Chemistry.

#### Qualifications

The Department of Chemistry seeks an individual with a PhD in chemistry who will establish a nationally recognized research program in organic chemistry broadly defined and is motivated by the use, discovery and development of new reactions and chemical reactivity within the fields of organic, organometallic, catalytic, materials or biological chemistry. We particularly seek an individual who strive to innovate in a manner that will eventually drive unique collaborative research projects within the department and involving other Dartmouth researchers, including those at the Geisel School of



Medicine, Norris Cotton Cancer Center, Thayer School of Engineering and/or Irving Institute for Energy and Society. The successful candidate will have the potential to excel at teaching organic chemistry and other courses in both our undergraduate and graduate curriculum and contribute to Dartmouth initiatives in STEM diversity, such as the Women in Science Program, E.E. Just STEM Scholars Program and Academic Summer Undergraduate Research Experience. Dartmouth is highly committed to fostering a diverse and inclusive community of students, faculty and staff. We are especially interested in applicants who are able to work effectively with those from all backgrounds, including, but not limited to, racial and ethnic minorities, women, individuals who identify with LGBTQ+ communities, individuals with disabilities, veterans, individuals from lower income backgrounds, and/or first generation college students.

### **Application Instructions**

Applicants should state in their cover letter how their teaching, research, service and/or life experiences have prepared them to advance Dartmouth's commitment to diversity, equity and inclusion.

Applicants should submit a curriculum vitae, a description of their research accomplishments and future plans, and a statement of their teaching and mentoring interests, including a discussion of past accomplishments and future goals. They should also arrange for at least three letters of reference to be sent on their behalf. All inquiries and applications will be treated confidentially. Applicants are invited to submit their materials via Interfolio at <http://apply.interfolio.com/78207>. The Committee will begin to consider completed applications on October 15, 2020.

### **Opportunity with Pfizer's Parenteral R&D Professional Development Program (PDP)**

This unique rotational program is designed to immerse graduates in the full pharmaceutical product development life cycle to train the next generation of scientific leaders. More information about the program can be found on our website ([pdp.pfizercareers.com](http://pdp.pfizercareers.com)).

They will begin accepting applications for qualified PhD and thesis masters students via their website next week, beginning on Friday, August 21<sup>st</sup>, 2020. Application submissions will close on Friday, September 4<sup>th</sup>, 2020.





## Tenure-Track Faculty Position in Chemistry or Chemical Biology



### Tenure-Track Faculty Position in Chemistry or Chemical Biology Memorial Sloan Kettering Cancer Center

Memorial Sloan Kettering Cancer Center (MSK) seeks innovative individuals for tenure-track positions at the Assistant Member or Associate Member level, or tenured positions at the Member (Professor) level, with strong research accomplishments in organic chemistry or chemical biology and interests in bringing chemical approaches to bear upon problems at the interface with biomedical research, including basic and translational research and across all disease areas. MSK offers a unique and collaborative scientific environment, exceptional research facilities and resources, and generous startup packages.

Faculty are eligible to hold appointments in and to recruit graduate students from the Tri-Institutional PhD Program in Chemical Biology, Tri-Institutional MD-PhD Program, Gerstner Sloan Kettering Graduate School of Biomedical Sciences, and Weill Cornell Graduate School of Medical Sciences. The first two programs are operated jointly with Weill Cornell Medical College and the Rockefeller University.

Applicants must have a PhD degree in chemistry, biochemistry, chemical biology, or a closely related discipline, a strong track record of scientific achievement, and dedication to problems at the interface of chemistry and biology. Senior applicants must also have a strong history of successful mentorship and extramural funding. Women and minority candidates are strongly encouraged to apply. MSK is an equal opportunity and affirmative action employer committed to diversity and inclusion in all aspects of recruiting and employment.

**Application Deadline: October 15, 2020. Interested candidates should visit <https://facultysearch.ski.edu> to access the on-line faculty application.** Please visit the site as soon as possible, as it contains important information on the required application materials, including deadlines for submission of letters of reference. Inquiries may be sent to Jocette Marquez, Program Coordinator at [marquezi@mskcc.org](mailto:marquezi@mskcc.org) or to Prof. Derek Tan, Chairman, Chemical Biology Program at [tand@mskcc.org](mailto:tand@mskcc.org).



For more than 75 years, Momentive Performance Materials Inc. has been supplying the world's largest companies with cutting-edge materials to create new, successful products in several industries, from automotive to construction to electronics to personal care. Momentive helps bring business' ideas to life quickly and efficiently through its streamlined technology development process, unparalleled commitment to customer service, and technical expertise. Momentive Performance Materials GmbH is an indirect wholly-owned subsidiary of Momentive Performance Materials Inc.



To support in our Performance Additives Business Unit, we are looking to find a

## Product Development Chemist

### Specializing in Polyurethane Foam

We are seeking Ph.D. Chemists with experience with or an interest in polyurethane foam.

#### Responsibilities:

Creative design and development of new products, formulations, and test protocols in support of the PU RMS segment with an emphasis in the Rigid polyurethane foam application area (Construction and Appliances Thermal Insulation).

These tasks will include:

- Planning and executing laboratory projects spanning from the definition of customer needs through assistance with the scale-up and commercialization of the new additives for the polyurethane foam market.
- Effectively manage multiple simultaneous projects, with the ability to clearly communicate laboratory activities as well as communicate market needs back to the business through customer interactions.
- Execution of research and development programs aligned with the market, which have clear performance criteria with deliverable results.
- Provide technical support to customers, both with new product introductions as well as the existing product portfolio.

#### Minimum Qualifications:

- Doctorate in Chemistry or Polymer Science
- Demonstrated skills in organic and/or polymer synthetic chemistry
- Familiarity with standard laboratory techniques, including structural characterization and related analytical techniques
- Working knowledge of PC applications (word processing, spreadsheet, presentation, etc.)
- Willingness to travel up to 20% to learn first-hand from customers their needs for the products under development
- Demonstrated ability to prioritize and handle multiple projects simultaneously and work in a cross-functional team environment
- Excellent oral and written communications skills in English

#### Preferred Qualifications:

- Experience in polyurethane foam technology and additives, preferably in the Rigid polyurethane application area (Construction and Appliances Thermal Insulation).
- Experience in surfactant applications and characterization.
- 1-3 years of experience in product development, preferably in polyurethanes.
- Working knowledge of materials and surface characterization techniques.
- Self-motivated individual with a high level of technical curiosity.

**This position is not yet open but we are interested in exploratory discussions with potential candidates.**

#### Location:

Sistersville, WV

#### Starting date:

TBD

#### Your Contact:

##### Nicole Keck

Lead Talent Acquisition Recruiter  
[Nicole.Keck@momentive.com](mailto:Nicole.Keck@momentive.com)

Visit us on

[www.momentive.com](http://www.momentive.com)

### What will you invent?

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Do you have news or opportunities to share in the Weekly Bulletin?  
Please email them to Morgan Eklund at [morgan.eklund@northwestern.edu](mailto:morgan.eklund@northwestern.edu)

For an archive of the Department of Chemistry's Weekly Bulletins, please visit: [Bulletin Archive](#)