

WEEKLY BULLETIN
DEPARTMENT OF CHEMISTRY, NORTHWESTERN
UNIVERSITY
EVANSTON, ILLINOIS
August 3, 2020

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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

Congratulations to PLU's Annual Award Winners

PLU would like to congratulate this year's award winners! For information about student awards, please visit <http://nuplu.weebly.com/student-awards.html>.

Joseph Lambert Award for Excellence in Junior Graduate Research: Casey Adams (Meade group)
Edmund Gelewitz Award for Excellence in Senior Graduate Research: Riki Drouot (Farha group) and Youn Jue Bae (Wasielewski group)
L. Carroll King Award for Excellence in 100-Level Teaching: Adam Nijhawan, Steph Petry, and Mark Taylor
Allen S. Hussey Award for Excellence in 200-Level Teaching: Rebekah Reynolds
Donald E. Smith Awards for Excellence in 300- and 400-Level Teaching: Matt Nisbet and Ray Fu
TA Award Honorable Mentions: Caitlin Coplan, David Xu, and Alex Mason

Northwestern
Chemistry

REACT virtual instrumentation seminar series: For the General User

Next Presentation Topic: Temperature Programmed Methods

Presented by: Selim Alayoglu (REACT)

Tuesday, August 4th, 1pm-3pm (Central Time)



Please register [here](#).

Conducting scientific research requires the use of a vast array of instrumentation and tools. Even though we can't all be experts with every tool we use, **safe** and **effective** use of instrumentation requires practical knowledge about basic instrument components and standard experimental procedures. This weekly series will draw on the expertise of core facility experts to provide you with practical information and valuable resources about using some of the most common tools in materials and chemistry research, with a special emphasis on fluid systems.

Frontiers in Nanotechnology Virtual Mini-Conference

Wednesday, August 5, 2020

10:00 am – 12:45 pm

Zoom Webinar

Hosted by: William Dichtel and Omar Farha



There is no cost to attend.

[Register Here](#) and a link to join the conference will be sent to you by email on the day of the event.

For a complete agenda, visit iinano.org.

Job Openings & Recruiting

Job Opening: Part-Time Instructor of Chemistry

The Department of Chemistry at Lake Forest College has an immediate need for an [adjunct instructor](#) to teach one or more sections of General Chemistry I lab for Fall 2020. Responsibilities include instructing one or more 4-hour afternoon lab sections, writing and grading assessments, and attending weekly staff meetings. Due to Covid-19, instruction is likely to occur in a hybrid format consisting of some on-campus and some synchronous on-line instruction. A Ph.D. in chemistry or related field is required. Demonstrated excellence in teaching is strongly preferred. A familiarity with gas chromatography and NMR spectroscopy is necessary.



LAKE FOREST
COLLEGE

Please send CV and arrange to have two letters of recommendation sent directly to chemsearch@lakeforest.edu (please use "Instructor" in the subject field). Review of applications will begin immediately and continue until the position is filled.

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 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™



Merck Research Laboratories

Merck Research Laboratories will host a virtual recruiting event and information session on Monday the **17th of August**.



For 2020, We're excited to let you know that we **anticipate having** open positions **across** our Discovery Chemistry, Process Chemistry, and Analytical Chemistry organizations. Following is a list of job descriptions for open Senior Scientist positions available to Organic Chemistry, Chemical Biology, and Analytical Chemistry graduate students and postdocs.

If you would like to be considered, please send your CV and a research summary, and which position you are interested in to Brendan Crowley brendan_crowley@merck.com prior to the **4th of August**.

With respect to the events: We will share with the candidates a company presentation that will last ~ 1 h, starting at **4 PM ET/3 PM CT on August 17th**. We will schedule the interviews directly with the candidates but they should anticipate the interviews lasting about ~45 minutes.

Discovery: Merck is currently seeking exceptional chemists for positions within the Discovery Chemistry department. The successful candidate will join multidisciplinary, highly collaborative teams to invent novel medicines by applying innovative synthetic chemistry, analytical techniques, and data analysis. Specific responsibilities will include utilizing state-of-the-art synthetic and medicinal chemistry problem solving skills to build structure-activity relationships, designing and synthesizing drug candidates and intermediates, and providing scientific and technical training of team members. Additionally, the successful candidate will help identify and validate new targets and be responsible for establishing a substantial external scientific presence including authoring publications and presentations. A Ph.D. in chemistry, biochemistry, or related field is required, along with a proven track record of solving complex problems.

Candidates must possess strong written and oral communication skills, and the ability to work effectively in a team environment.

Process: Merck is currently seeking exceptional chemists for positions within the Process Chemistry organization located at our Rahway, NJ site. A successful candidate will be joining a group of innovative scientists with broad deliverables ranging from the design of manufacturing routes for drug candidates to building on our state-of-the-art catalysis capabilities. A Ph.D. in chemistry with experience in methodology/catalysis (including chemocatalysis, biocatalysis and heterogeneous catalysis), total synthesis, physical organic chemistry, or flow chemistry is required, along with a proven track record of solving complex problems. Candidates must possess strong written and oral communication skills, and the ability to work effectively in a team environment.

Analytical Chemistry: The Analytical Research & Development department of Merck Research Laboratories is seeking applicants for a Senior Scientist position. The Senior Scientist is a laboratory-based scientific role tasked with solving complex analytical problems at the interface of chemistry, biochemistry, engineering, and lab informatics disciplines to enable development of active pharmaceutical ingredients (APIs), biologics, and vaccines. The successful candidate must function well and be able to collaborate in a diverse, fast-paced, integrated, multidisciplinary team environment. Research experience should demonstrate successful application of state-of-the-art analytical techniques to solve problems across scientific disciplines, including: separations (HPLC / SFC / GC / CE / IC), spectroscopy, (NMR, UV-VIS / IR / Fluorescence / Raman), mass spectrometry (LC-MS, GC-MS, MALDI), solid-state analysis (X-ray diffraction, DVS, DSC, TGA and microscopy), biochemistry (ELISA, cell based assays, SDS-PAGE gels, western blots) as well as classical wet chemistry techniques. Additional experience in synthetic / physical organic chemistry, molecular biology, process analytical technology (PAT), or lab automation / informatics is considered a plus. Applicants must have effective organizational, multi-tasking, oral / written communications skills, show scientific leadership, and a desire to conduct research and publish. In addition, experience leading small groups of technical personnel and analytical projects will aid in distinguishing candidates.

NuMat Technologies Job Openings

With respect to the events: We will share with the candidates a company presentation that will last ~ 1 h, starting at **4 PM ET/3 PM CT on August 17th**. We will schedule the interviews directly with the candidates but they should anticipate the interviews lasting about ~45 minutes.

NuMat Technologies is currently hiring Ph.D. chemists and will be filling several positions throughout the end of the year.

There are several open positions listed on their website [here](#) and the position most relevant to Ph.D. chemists is [here](#).

Contact information:
William Morris



NuMat Technologies, Inc.
8025 Lamon Avenue
Skokie, IL 60077
william@numat-tech.com
[847-929-4186](tel:847-929-4186)

PhD Chemist Opportunities with Momentive

Momentive, a global leader in silicones and advanced materials is anticipating some Product Development Chemist positions to open up in their Sistersville, West Virginia location.

Mary Scarpa, Talent Acquisition Recruiter, is interested in connecting with any recent PhD recipients, Alumni, Post Graduate Researchers, etc that have an interest in working with Polyurethane Foam. Hands-on experience with PU foam is a plus.



Contact:

MARY SCARPA

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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

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