

**WEEKLY BULLETIN**  
**DEPARTMENT OF CHEMISTRY, NORTHWESTERN**  
**UNIVERSITY**  
**EVANSTON, ILLINOIS**  
**October 26, 2020**

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## New Arrivals

Jaehyun Kim (Visiting Scholar) joined the Marks Group  
Majid Safdari (Visiting Scholar) joined the Kanatzidis Group

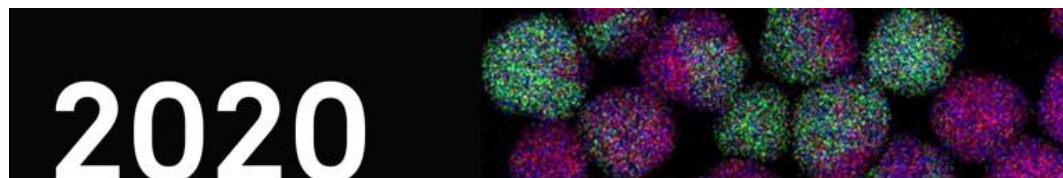
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## BIP

BIP will be held virtually on Fridays, 10 am to 11 am. The Zoom link will always be sent out the Wednesday before the respective seminar to the BIP listserv! Interested in giving a BIP talk or signing up to be on the BIP listserv? Email the new BIP Meisters, [Zoha Syed](#) or [Megan Kaster](#).

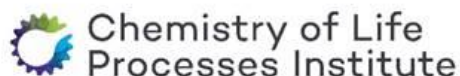
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## Upcoming Events and News



**International Institute for Nanotechnology Virtual Symposium**  
**Thursday, Oct. 29 • 10:00 a.m. to 2:50 p.m. (CT)**

Hosted by Chad A. Mirkin, this event will explore the frontiers of science — from the exceedingly small to the mind-bogglingly large. The IIN Symposium is designed for students, researchers, executives, and lay people who are interested in groundbreaking scientific discoveries and interdisciplinary research. There is no cost to attend, but advance [registration](#) is required. Register today and a link to join the virtual symposium will be sent to you by email on the day of the event.



## VIRTUAL CORE CRAWL

*Accelerate Your Research! Discover Instruments & Services!*

**Wednesday, October 28  
2-4PM Online**

*Signup now to receive additional information about the event!*

**<https://hopin.to/events/clpcorecrawl>**

**Prizes**

**Games**

**Vendors**

**Free Consultations**



## Please join us for our first-ever virtual Core Crawl!

A student, post-doc, staff, and faculty favorite for many years, this year's CORE CRAWL will utilize the online hosting service Hopin.to. The service will allow you to explore different rooms and participate in real-time discussions with core managers and staff. It also allows you to share your audio and screen.

As you venture through the event at your own pace, you can earn "tickets" to enter our raffles to win excellent prizes.

### Participating Cores:

- Biological Imaging Facility
- Center for Advanced Molecular Imaging
- ChemCore
- Developmental Therapeutics Core
- High Throughput Analysis Lab
- Proteomics Core
- Quantitative Bio-Element Imaging Center
- Recombinant Protein Production Core

**Meet Core Facility Scientists.**  
**Browse Core Service Offerings.**  
**Meet our Vendors & Sponsors.**  
**Win Prizes and Raffles.**

*More activities and prizes added  
each day!*

**MILLIPORE  
SIGMA**

**Thermo  
SCIENTIFIC**

### SPONSORS

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## PLU Virtual Halloween Social on Friday, October 30 at 5:00 om

Join PLU for a fun virtual game night including cult classics like Avalon and Cards Against Humanity. A DoorDash gift card will be offered to those who RSVP and attend.

They're also holding our traditional costume contest, but virtually this time to accommodate COVID guidelines. Submissions can be made until 6pm on 10/30, and the top two costumes will receive gift card prizes.

Please reach out to the Social Chairs (Zoha and Megan) at [nuplu.social@gmail.com](mailto:nuplu.social@gmail.com) with any questions or concerns before the event. They will send the Zoom links for specific games at a later date, so keep an eye out for those!

RSVP link (available until 12pm on 10/30):

<https://forms.gle/pUwXkJMrMWf1xFqp6>

Submissions for Costume Contest (available until 6pm on 10/30): <https://forms.gle/feFNiFcK6KKJF7Co9>

Main event Zoom link (10/30 from 5-7pm): <https://northwestern.zoom.us/j/91071189007>



## Northwestern | CHEMISTRY

**Chenfeng Ke**

Dartmouth College

**Wednesday, 04 November 2020**

Zoom Presentation: "Supramolecular 3D-Printing  
Polymers and  
Elastic Porous Organic Crystals"

<https://northwestern.zoom.us/j/99164870984>

**3:00 – 4:00 p.m.**

**Hosted by Professor Fraser Stoddart**

Contact Peggy Schott [m-schott@northwestern.edu](mailto:m-schott@northwestern.edu)  
or Stephanie Teterycz [s-teterycz@northwestern.edu](mailto:s-teterycz@northwestern.edu)



## Northwestern | CHEMISTRY



### 2020 Charles D. Hurd Lectures

#### Dr. Rebecca T. Ruck, Executive Director

Enabling Technologies, Merck Process Research & Development

**Monday, November 9 at 3:00 p.m.**

*"Enabling Technologies for the Green Synthesis of Pharmaceutical Agents at Merck"*

**Tuesday, November 10 at 3:00 p.m.**

*"Science, Women in Chemistry, Advice & More"*

**Virtual: <https://northwestern.zoom.us/j/94932262295>**

Hosted by Professors Freedman and Kalow

## Northwestern



## NSF-SIMONS CENTER FOR QUANTITATIVE BIOLOGY

### 3rd Annual Conference on

### Quantitative Approaches in Biology

**November 19-21**

This conference is a free three-day virtual event that includes a range of activities to stimulate the cross-fertilization of ideas, professional development, and new collaborations. To register and for more information visit <https://www.qbioconference.com/>

## Job Openings & Recruiting

### Tenure-track position in biochemistry at Beloit College

Beloit College invites applications for a tenure track faculty position in biochemistry to begin August 2021. The successful candidate will hold a Ph.D. in biochemistry or related field and teach courses in biochemistry and general chemistry. Willingness to teach courses in another area of chemistry (analytical, inorganic, or physical) preferred. We especially seek candidates who have demonstrated success in working with diverse populations of students. This position is an excellent opportunity to teach in a department known for innovative pedagogy.



The successful candidate will also develop a research program related to some aspect of health, broadly defined, that engages undergraduates. This position places strong emphasis on advising undergraduate students in Biochemistry, Chemistry, and our multidisciplinary Health and Society program. The candidate will also contribute to all-college programs and serve in leadership roles in campus governance.

More details can be found here:

<https://www.beloit.edu/live/profiles/3870-assistant-professor-of-chemistry>

### Illumina- Open Position

Illumina is looking for a chemist with experience in surface chemistry, nanoparticle synthesis/characterization, and bioconjugations. Based at our Headquarters in San Diego we require a Scientist to join our Research & Technology Development department as a Materials /

The logo for Illumina, featuring the word "illumina" in a lowercase, dark grey sans-serif font, with a registered trademark symbol (®) to the upper right.

Surface Chemist in a permanent role.

As part of the Materials and Applied Surface Science group, you will play an integral role in developing new sequencing and array technologies and related applications. As the company moves fast so does the technology we use, the candidate will have to be adaptable to a wide range of techniques and methods used in life-sciences.

Visit [this page](#) for more details and to apply.



## TEXAS TECH UNIVERSITY

### About Texas Tech University

Located in Lubbock, Texas, Texas Tech University is a state-supported National Research University Hispanic Serving Institution (HSI) with a Carnegie R1: Highest Research Activity classification. It has an enrollment of more than 40,000 students and is one of the major multidisciplinary universities in the Southwest. The Lubbock metropolitan area is home to more than 250,000 people and features sunny weather and affordable housing.

Texas Tech seeks to fill the following tenure track faculty positions within the College of Arts & Sciences:

### Assistant Professor in Chemistry & Biochemistry

The Department of Chemistry & Biochemistry at Texas Tech University invites applications for a tenure-track faculty position at the Assistant Professor level. This position will be in the area of **organic chemistry**, broadly defined. Areas of research interest could include bioorganic/medicinal, synthesis/catalysis, and polymer chemistry. A Ph.D. in chemistry or a related field is required, with postdoctoral experience preferred. The successful candidate is expected to develop an independent, well-funded research program and have a commitment to excellence in teaching at the undergraduate and graduate levels. Candidates who have very strong records of scholarship supported by extramural funding and who have the proven capacity or clear potential to bring externally sponsored research to Texas Tech University are encouraged to apply. Experience working with diverse student populations and first-generation students is highly desirable. Service duties include program-building, as well as commitment to extra-curricular activities. Service to the department, college, and university is expected.

*All applications must be submitted online.* Online application can be made at <http://www.texastech.edu/careers/>. Applications must include a curriculum vitae, a statement of current and proposed research, a statement of diversity and inclusion, and a teaching philosophy. Applicants must also arrange to have three confidential letters of recommendation sent on their behalf to **Faculty Search Committee, Department of Chemistry & Biochemistry, Texas Tech University, Box 41061, Lubbock, TX 79409-1061 ([chemistry@ttu.edu](mailto:chemistry@ttu.edu))**. Evaluation of applications will begin on October 30, 2020 and continue until the position is filled.

*As an Equal Employment Opportunity/Affirmative Action employer, Texas Tech University is dedicated to the goal of building a culturally diverse faculty committed to teaching and working in a multicultural environment. We actively encourage applications from all those who can contribute, through their research, teaching, and/or service, to the excellence and diversity of the academic community at Texas Tech University. The university welcomes applications from minorities, women, veterans, persons with disabilities, and dual-career couples.*

## Job announcement: Research Associate/ Group Leader

The Lab Dresden Center for Intelligent Materials (DCIM) is focused on novel materials which, as a central component of intelligent systems, feel, think and act autonomously through integrated sensory and actuator functionalities.



For more details, please refer to the following [announcement](#).

# Northwestern | Chemistry

## Research Assistant Professor for a New Lab Downtown

Dr. Karl Scheidt, a Professor in the Department of Chemistry and Department of Pharmacology at Northwestern University, is seeking a Research Assistant Professor with expertise in chemical and molecular biology for a new translational chemistry laboratory. The Research Assistant Professor will engage in research activities focused on advancing new molecules to understand biological function and expected to pursue independent grants, research and collaborations.

This is non-tenure, research faculty appointment for an initial period of up to three years and eligibility for renewal based on scholarly achievements and available funding. This position will be physically located on primarily on Northwestern's Medical School campus in Chicago, IL.

Only electronic application materials will be accepted. Northwestern University is an equal opportunity, affirmative action employer and does not discriminate against qualified individuals on the basis of race, color, religion, national origin, sex, pregnancy, sexual orientation, gender identity, gender expression, parental status, marital status, age, disability, citizenship status, veteran status, genetic information, or any other protected class. Individuals from all diverse backgrounds are encouraged to apply. Hiring is contingent upon eligibility to work in the United States.

Applications should be submitted via email and sent to [scheidt-ofc@northwestern.edu](mailto:scheidt-ofc@northwestern.edu). Please include a cover letter detailing your research experience, CV, three representative publications, and contact information for three references. Review of applications will begin immediately.

### Minimum Qualifications: (Education and experience)

- Doctoral degree in the area of chemical biology/molecular biology/biological sciences or a related field of study with at least 2 years of relevant postdoctoral experience.
- Strong publication record and proven potential for independent extramural funding.

### Minimum Competencies: (Skills, knowledge, and abilities)

- Strong interpersonal and communication skills and a desire to engage in team-based research and collaboration are necessary.
- Working knowledge of chemistry is essential to integrate effectively with translational chemistry projects at the University and within Dr. Scheidt's laboratory.
- Strong writing skills demonstrated through authorship of publications or independent grant research awards.
- Highly motivated and able to manage multiple projects and keep pace in a dynamic research environment.

### Joint Postdoctoral Opportunity in Agapie-Peters LiSA Team at Caltech

Two postdoctoral positions are available for a joint project targeting CO<sub>2</sub> conversion to liquid fuels which is part of LiSA (Liquid Sunlights Alliance, <https://www.liquidsunlightalliance.org>).



Potential candidates can contact Theodor Agapie directly.

Theodor Agapie  
Professor of Chemistry  
Department of Chemistry  
California Institute of Technology  
<http://agapie.caltech.edu>  
[agapie@caltech.edu](mailto:agapie@caltech.edu)

### Tenure-Track Position Opening in Chemistry at Berea College

<https://myberea.csod.com/ats/careersite/JobDetails.aspx?site=3&id=774>

Founded in 1855, Berea College achieved national distinction as the first coeducational and interracial college in the South. Berea has a longstanding commitment to interracial education, and is one of the most racially diverse private liberal arts colleges in the United States. With an emphasis on service to Appalachia and beyond, Berea enrolls 1,650 students from 43 states and U.S. territories and 76 countries. Berea College only admits students who are unable to afford tuition and provides all of them a no-tuition promise, valued at more than \$178,000 over four years. Berea's students excel in the College's supportive yet demanding academic environment, and many are the first in their families to





graduate college. As one of nine federally recognized Work Colleges, all Berea students hold a position in which they work 10-12 hours weekly. Washington Monthly ranked Berea College No. 1 as the Best National Liberal Arts College in 2016, 2017, 2018, and the No. 1 College in the country in terms of affordability from 2016 to 2019. Berea's recognition comes from success in educating and graduating academically talented, low-income students who become service-oriented leaders in their professions and communities.

Located where the Bluegrass Region meets the Cumberland Mountains, the town of Berea (pop. 16,000) lies forty miles south of Lexington and is approximately two hours from Cincinnati, Louisville, and Knoxville. More information about Berea College is available at [www.berea.edu](http://www.berea.edu).

## **Four Chemistry Faculty Positions at University of Texas at El Paso**

Assistant Professor-Chemical Education

<https://utep.interviewexchange.com/jobofferdetails.jsp?JOBID=123969&CNTRNO=7&TSTMP=1601053689340>

Assistant Professor Chemistry (Energy)

<https://utep.interviewexchange.com/jobofferdetails.jsp?JOBID=125096>

Assistant Professor Chemistry-Health, Human Disease, and  
Diagnostics

<https://utep.interviewexchange.com/jobofferdetails.jsp?JOBID=125105>

COS Environmental Chemistry 20-06

<https://utep.interviewexchange.com/jobofferdetails.jsp?JOBID=125093>



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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](#)