

August 15th - August 19th, 2022

**IOWA**

**Department of Chemistry**

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Department News

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## Final Thesis Defense

Monday, August 15th, 2022 11:30 AM

# Christian Haas

“A Classical Analysis of the  $\text{Cu}(\text{bpy})_3^{2+}$  Electrochemical Mechanism in Water and Dichloromethane”

S107 PBB



Department of Chemistry

## Kick Off The Semester Picnic



Saturday, August 20  
11:00 am to 3:00 pm  
Lower City Park Shelter #6



- Lunch begins at 11:30 am
- Grilled hamburgers, hot dogs, bratwurst, and vegetarian patties
- Drinks provided
- Bring a dish to share if you'd like
- Come rain or shine

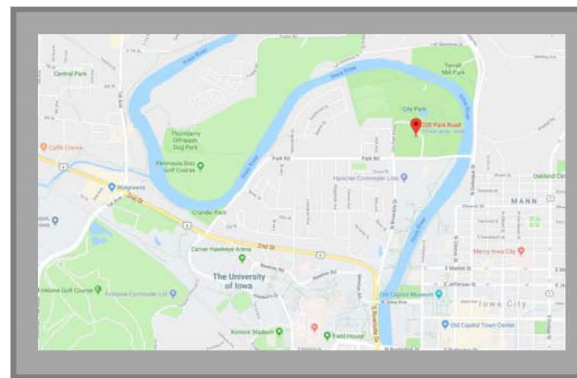
Graduate students,  
faculty, postdocs, staff

City Park  
200 E. Park Road, Iowa City  
North of Hancher Auditorium

faculty, postdocs, staff,  
undergraduate majors,  
your significant others and  
children are all welcome!

**RSVP**

[https://uiowa.qualtrics.com/jfe/form/  
SV\\_OrnzXvpVLnT4YHs](https://uiowa.qualtrics.com/jfe/form/SV_OrnzXvpVLnT4YHs)



## Campus News

### UI Global Student Award Nomination Request

International Programs invites nominations for the 2022 Global Student Awards. These awards recognize one undergraduate and one graduate student who are deeply engaged in international education on campus or abroad. The awards will be presented during the WorldCanvass program on Monday, November 7, 2022, a prelude to International Education Week (November 14-19).

Candidates should be currently enrolled University of Iowa undergraduate or graduate students who champion international education on campus or abroad. They may be international or U.S. students. Important qualifying attributes may include:

- Demonstrated commitment to celebrating and promoting different cultures, identities, and international perspectives
- Leadership in fostering collaboration and coalition-building between people and groups from international backgrounds
- Openness about their personal experiences and perspectives in support of global understanding and inclusion within their community and field of study
- Ability to use their own international education experiences to empower their peers to enrich their global

perspectives and pursue international learning opportunities

The nomination form will ask that you identify the student (name and email) and describe your association with the nominee along with a brief description of why you consider this person worthy of the award. Nominated students will be contacted directly by International Programs to obtain further information, including other experiences/organizations/programs they have engaged in as a student at the UI that have further demonstrated their commitment to international education.

Nominations for the 2022 Global Student Award will be accepted until Saturday, October 1, 2022, and can be made through this link: <https://international.uiowa.edu/global-student-award-nomination-form>.

More information about the Global Student Award, including previous recipients, may be found on the Global Student Award webpage: <https://international.uiowa.edu/about/outreach/campus-community-programs/global-student-award>.

## Reminder: Fall 2022 Workshop Schedule

Please mark your calendars and share with relevant faculty and staff. CLAS has also posted these workshops on the DEO calendar.

Workshops (sorted by date):

### **Workshop Name Location Date Time**

Promotion and Tenure Process Workshop for DEOs and Admins Zoom Tuesday, 08/30 2:30 - 4:30

Newly Promoted to Full Professor Workshop Zoom Thursday, 10/06 2:00 - 4:00

Newly Tenured Workshop Zoom Thursday, 10/20 2:00 - 4:00

Faculty Review Workshop Zoom Tuesday, 10/25 2:00 - 4:00

Preparing for Promotion to Full Professor Workshop Zoom Tuesday, 11/01 2:00 - 4:00

Newly Promoted to Associate Professor of Instructional Track Workshop Zoom Thursday, 11/03 2:00 - 4:00

Preparing for Promotion to Full Professor Workshop Zoom Thursday, 11/10 2:00 - 4:00

Preparing for Instructional Track Promotion Workshop Zoom Wednesday, 11/16 2:00 - 4:00

Registration for workshops can be found at <https://clas.uiowa.edu/deos/workshop-registration>.

Questions can be sent to Kaitlyn Behan ([kaitlyn-kampion@uiowa.edu](mailto:kaitlyn-kampion@uiowa.edu)).

## Graduate Fellowships

Each year the Graduate College and CLAS have a series of Fellowships for graduate students, and these opportunities are listed below. These are highly competitive fellowships, but the students from our department have received them most years. I wanted to put this on the radar of our students and faculty so you can consider applying for them. More information will come out in future Friday emails about where to send your applications and how to find the nomination letter information to use if you are interested.

application, we are ahead of the curve in getting this information to you. If you have any questions/concerns please email [ned-bowden@uiowa.edu](mailto:ned-bowden@uiowa.edu).

**CLAS Dissertation Writing Fellowship:** <https://clas.uiowa.edu/students/students-opportunities-students/clas-dissertation-writing-fellowships>; The applications will be solicited in September and the chemistry department will rank them. You will be told who to submit your application to at some point in September.

**Graduate College Post-Comprehensive Research Fellowship:** <https://grad.uiowa.edu/funding/fellowships/post-comp>; The applications will be ranked. More information will be released later this month about this opportunity.

**Ballard and Seashore Dissertation Fellowship:** <https://grad.uiowa.edu/funding/fellowships/ballard-seashore>; The applications will be ranked. More information will be released later this month about this opportunity.

**Graduate Diversity Fellowship:** <https://grad.uiowa.edu/funding/fellowships/diversity-fellowship>; These applications are due at the grad college in October, and more information will be released in August or September.



## Education and Enrichment Opportunities

### CLAS NSF GRFP Informational Session

The College of Liberal Arts and Sciences will be hosting an NSF Graduate Research Fellowships Program informational session on Friday, September 2, at 10:00-11:30 in 2520D UCC. Collegiate leadership, a student panel, and a faculty panel will be providing information and attendees will have the opportunity to ask questions about this program and process. Please register for this event at <https://bit.ly/UIGRFPCLAS>. Snacks and drinks will be provided.

### MLA Public Humanities Incubator for Grad Students: Application Open!

We are currently accepting applications for the [MLA Public Humanities Incubator](#), a new program for graduate students interested in public humanities. Any humanities graduate student is encouraged to apply, including MA & PhD students, as well as students working towards advanced certificates. Applications from individuals or teams are also welcome.

In the incubator, twelve participants will be placed in groups with four mentors active in the public humanities. Groups will work with their mentors from October to December to envision their research as



contributions to public humanities scholarship.

Further information, and the program application, can be found on the [Public Humanities Incubator](#) website. As a note, the application closes on **September 1, 2022**.

If you have any questions, please feel welcome to contact Janine Utell, Program Manager for Professional Development, at [jutell@mla.org](mailto:jutell@mla.org), and Ayanni Cooper, Program Associate, at [acooper@mla.org](mailto:acooper@mla.org).



## Employment Opportunities



### Postdoctoral Fellow in Chemical Development

Are you looking to explore a career in process research and chemical development? At Cambrex, our Postdoctoral Fellow – Chemical Development role offers hands-on experience in synthetic organic chemistry in a professional research environment. It's a great way for entry-level Ph.D. chemists to earn industrial experience with a leading global CDMO with over 2,200 employees worldwide.

In this role, you will help to develop and optimize chemical routes towards key synthetic intermediates and active pharmaceutical ingredients (APIs). In addition, you will carry out multistep chemical synthesis and product isolation/purification operations in the laboratory – either independently or as part of an integrated team.

You'll also use modern analytical techniques to evaluate experiments, then communicate results with other departments and clients during regular team meetings.

**Kickstart your industrial career and apply today at [cambrex.com](http://cambrex.com).**

#### Essential Functions

Proficiency in laboratory syntheses and purification techniques

Conduct laboratory operations safely

Demonstrated interest in learning aspects of process scale-up

Understand modern organic synthesis methodologies and modern analytical techniques

Ability to interpret data and spectra

Write comprehensive reports

Work closely with manufacturing to coordinate project-related equipment use and activities

Handle hazardous materials and wastes

#### Position Competencies

Ph.D. in Chemistry

Excellent verbal and written communications skills



Exposure to analytical chemistry

Basic awareness of GMP

Basic understanding of key instrumentation

Ability to write technical documents (with assistance)

Ability to support laboratory investigations

Participate in internal/external team meetings

**Apply today at  
[cambrex.com](http://cambrex.com)**



## Charles City, Iowa

You'll join a team of experts at Cambrex's flagship Charles City, Iowa facility, where we deliver development, piloting, and commercial production of APIs as a part of life changing medicines. The facility is currently undergoing a \$50 million expansion project, is home to multiple commercial cGMP plants for large-scale products and offers resources for small-scale development and manufacturing.

- Strong expertise in custom development and cGMP manufacturing
- Research laboratories for Chemical and Analytical Development
- World class quality standards

With a community of 7,500 residents, Charles City offers a relaxed lifestyle in a safe, family-centric community with a low cost-of-living. Enjoy outdoor activities such as camping, fishing, boating, and biking all within two hours of big-city adventures in Des Moines and Minneapolis.

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visit [cambrex.com](http://cambrex.com) today.**



- 380 employees



8/5/2022

## Medicinal and Synthetic Organic Chemist – Postdoctoral Fellow in the Northwestern University Department of Chemistry

### Job Summary:

This position supports extramurally funded projects that focus on early stage medicinal chemistry and translational research for oncology and/or CNS diseases. The Postdoctoral Fellow will carry out synthetic medicinal chemistry to develop new small molecules for use as molecular probes and drug discovery leads against novel drug targets. They will focus on the design, synthesis, purification, and characterization of novel compounds for biological testing. The ideal candidate will possess a strong knowledge of current synthetic organic chemistry approaches and modern purification techniques, and be able to troubleshoot and optimize synthetic methods with limited oversight. The ability to evaluate biological data/SAR, and use this to design new compounds would be a plus.



**Minimum Qualifications:**

PhD in organic or medicinal chemistry

Strong technical abilities and a solid foundation in the principles and methods of synthetic organic and medicinal chemistry.

Familiarity with biological principles to integrate effectively with biological collaborators.

Strong interpersonal and communication skills and a desire to engage in team-based research and collaboration.

Good organizational skills and the ability to multitask.

**Preferred Qualifications:**

Experience in molecular modeling or biological screening is desirable.

Experience using modern instrumentation such as ELN, preparative HPLC, LC/MS, and flash purification system

**Contact:**

Dr. Gary Schiltz [schiltz@northwestern.edu](mailto:schiltz@northwestern.edu)

847-467-2287

## 4 new electrochemistry jobs

[New Product Development Battery Scientist](#)

Albemarle Corporation - Baton Rouge, Louisiana

[Post Doctoral Scholar](#)

Georgia Institute of Technology - Atlanta, GA, USA, Georgia, 30332

[Research Engineer-Batteries & Fuel Cells](#)

TalosTech LLC - New Castle, Delaware, 19720

[Chemist Postdoctoral Fellow](#)

Lawrence Berkeley National Laboratory - Berkeley, California

8/3/22

**Missed a weekly bulletin? Find the archive here:**

<https://chem.uiowa.edu/news-menu/weekly-bulletin-archive>

















































