

NEW GRADUATE STUDENTS

The Department of Chemistry welcomes the following new graduate students beginning fall 2016: Taylor Arledge (*Illinois State University*), Colleen Chin (*Illinois State University*), Samantha Huffman (*Illinois State University*), Shahnaz Mukta (*Jahanirnagar University, Dhaka, Bangladesh*), Carly Nash (*Indiana State University, Terre Haute, IN*), Mario Noboa (*Chicago State University, Chicago, IL*), Angelica Traub (*Illinois State University*), Xiao “Sherry” Wu (*Colorado State University, Fort Collins, CO*).

CHEMISTRY “WELCOME WEEK” ACTIVITIES ON FRIDAY (AUG. 19th)

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| 2:00 p.m. | Introduction of Faculty and Staff |
| 2:15 p.m. | Academic Expectations (presented by Hope Fine) |
| 2:30 p.m. | Scavenger Hunt of the Facilities |
| 3:15 p.m. | “Welcome” Ice Cream Social in the hallway outside the Chemistry Office (JH214) |



FALL 2016 SEMINAR SERIES

3:00 p.m. in Julian Hall room 225

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| August 26 | Zach Lawton, “Rapid Screening of Emerging Novel Psychoactive Substances Using a Portable, Ambient Sampling Mass Spectrometer” |
| September 2 | Matthew Drummer, “Recent Studies of Atmospheric Acid Formation” |
| September 9 | Dr. Jefferson Chan (University of Illinois) |
| September 23 | Erasmus Jugovic, “Biological Adaptation to Heavy Water in Growth Mediums” |
| September 30 | Ruixiao Gao, “Synthesis and Characterization of Polycyclic Aromatic Hydrocarbon (PAH) – Porphyrin Hybrids” |
| October 7 | <i>Alumni Day</i> – Phil Januszewski (M&P Presentations) |
| October 14 | Navneet Sahota (Literature) |
| October 21 | Kristen Eilts (Literature) |
| October 28 | Dr. Jeremy Driskell |
| November 4 | Jade Katinas, Medical Chemistry Seminar |
| November 11 | Dr. Gordon Selling (USDA-ARS), “Improved Spandex and Corn Based Products” |
| November 18 | Craig Haynes (Literature) |
| December 2 | Daniel Hart, “Fermenting Solutions to an Old Tequila Problem: The Bioremediation of Blue Agave Waste” |
| December 9 | Faculty Candidate |
| Finals Week | Faculty Candidate (if necessary) |

DATES AND DEADLINES

- August 18 -Chemistry Dept. Safety Training (see attached schedule)
-Fall class roster informational email sent to faculty.
- August 19 -Chemistry Dept. TA/New Graduate Student Orientation and Safety Training (see attached schedule)
-Last day for graduate students planning to receive a graduate degree in December to submit a degree audit and file an application for completion of degree.
-Fall Proficiency Exams given in departments at 1 p.m.
- August 21 Last day to withdrawn from the University and receive a full adjustment of charges. Financial aid will be reduced.
- August 22 -First Day of Classes
- August 24 -Final proofed Spring 2017 schedules due to Scheduling Office.
-Original drafts of Summer 2017 schedules due via Online Course Planner.
- August 27- My.IllinoisState.edu open for all course drops and departmentally approved adds
September 2 (closed overrides required).
- September 2 -Tenth day of the semester.
-Last day to drop a course with no withdrawal grade (WX) assigned and a full adjustment of charges. Financial aid may be reduced.



ACS CALENDAR

- August 11-21 Illinois State Fair – Stop by to visit or help at the ACS outreach tent
- August 21-25 252nd ACS National Meeting (Philadelphia, PA)



ALUMNI NEWS

Stacy Fosu (MS 2014, Lash) has completed her second year at The Ohio State University working with Professor David Nagib. She was recently awarded a highly prestigious Howard Hughes Medical Institute (HHMI) fellowship. Stacy will receive an annual award totaling \$46,000/year, which includes a stipend, a training allowance, and an institutional allowance, for the next three years. In addition, Stacy has coauthored a paper in the top journal *Angewandte Chemie*:

Ethan A. Wappes, Stacy C. Fosu, Trevor C. Chopko and David A. Nagib, "Triiodide-mediated δ -amination of secondary C-H bonds," *Angewandte Chemie, International Edition* 2016, 55 (34), 9974-9978.

STUDENT, FACULTY and STAFF ACTIVITIES

Publications

Accepted for Publication

1. Venkata A. K. Adiraju, **Gregory M. Ferrence**, **Timothy D. Lash**, "Rhodium(I), Rhodium(III) and Iridium(III) Carbaporphyrins," *Dalton Transactions*.

Faculty Presentations

1. ^(G)Adam Schafer, Sarah B. Boesdorfer, "Effect of Feedback on Academic Achievement and Self-regulatory Skills of High School Chemistry Students" (poster presentation), 24th Biennial Conference on Chemical Education, Greeley, CO, August 1, 2016.
2. Sarah B. Boesdorfer, "Standards-based Grading in a Large General Chemistry Course," 24th Biennial Conference on Chemical Education, Greeley, CO, August 3, 2016.
3. Dawn Del Carlo, Sarah B. Boesdorfer, "Crosscutting Concepts Guiding Curricular Changes in High School Chemistry," 24th Biennial Conference on Chemical Education, Greeley, CO, August 3, 2016.
4. ^(Emeritus)Otis Rothenberger, ^(Emeritus)James Webb, "Reflections on 50 Years of Demonstrations, CheMagic, and Serious Chemistry: Setting up a Professional Outreach Demo Presentation with a Focus on Safety, Message, Drama, Humor, and Dignity," 24th Biennial Conference on Chemical Education, Greeley, CO, August 4, 2016.

Student Presentations

1. ^(G)Zachary E. Lawton, Christopher C. Mulligan, "Analytical Validation of a Portable, Ambient Sampling Mass Spectrometer for High-Throughput, Forensic Evidence Screening," Chicago Mass Spectrometry Day 2016 – University of Illinois at Chicago, Chicago, IL, July 22, 2016.
2. ^(UG)Alessandra M. Bruno, Christopher C. Mulligan, Tom Jacobs, Frank Kero, Josh Ye, Jason Weisenseel, Craig Young, Jamie Foss, "Improved Instrument Robustness via a Hot Source Induced Desolvation (HSID) Interface for Tandem Mass Spectrometry Instrumentation," Chicago Mass Spectrometry Day 2016 – University of Illinois at Chicago, Chicago, IL, July 22, 2016.
3. ^(G)Sayed H. Gafur, T. Andrew Mitchell, "Synthesis of Polycyclic Ethers Utilizing Oxidopyrylium Based [5+2] Cycloaddition Reaction," Department of Chemistry End-of-Summer Poster Session, Normal, IL, July 26, 2016.
4. ^(G)Daniel J. Hart, Marjorie A. Jones, Stephen R. Hughes, "Fermenting Solutions to an Old Tequila Problem: Bioremediation of Blue Agave Waste," Department of Chemistry End-of-Summer Poster Session, Normal, IL, July 26, 2016.
5. ^(G)Craig S. Haynes, Shawn R. Hitchcock, "Efforts Towards Asymmetric Synthesis of a Human T-cell Leukemia Virus Protease Inhibitor," Department of Chemistry End-of-Summer Poster Session, Normal, IL, July 26, 2016.
6. ^(G)Jade M. Katinas, Marjorie A. Jones, "Effects of Unique Water Soluble Sulfonamides on Leishmania Cells," Department of Chemistry End-of-Summer Poster Session, Normal, IL, July 26, 2016.
7. Shilpa Pohani, T. Andrew Mitchell, "Asymmetric [5+2] Cycloaddition Using Chiral Auxiliaries," Department of Chemistry End-of-Summer Poster Session, Normal, IL, July 26, 2016.
8. ^(UG)Jacob A. Walker, Jon A. Friesen, "Cloning of Choline Kinase from *Trypanosoma cruzi*," Department of Chemistry End-of-Summer Poster Session, Normal, IL, July 26, 2016.
9. ^(G)Craig A. Wallace, Craig C. McLauchlan, "Growth Inhibition of *Leishmania tarentolae* by Vanadium Complexes," Department of Chemistry End-of-Summer Poster Session, Normal, IL, July 26, 2016.

STUDENT ORIENTATIONS

TA/New Graduate Student Orientation & Safety Training

Thursday, August 18, 2016

- 8:30 a.m. Meet in 1st floor atrium of SLB (Lisa Szczepura, Robyn Schuline, Michelle Merfeld)
8:45 a.m. Shuttle to Fire Extinguisher Training
9:15 a.m. Hands-on Fire Extinguisher Training
10:30 a.m. Shuttle to SLB
11:00 a.m. Classroom Safety Training in Julian 216

Noon Lunch in Chemistry Resource Room (Julian 215)

- 1:00 p.m. Resume Classroom Safety Training in Julian 216 until 3 p.m.

Friday, August 19, 2016

- 8:30 a.m. Meet in 1st floor atrium of SLB (Lisa Szczepura, Robyn Schuline, Michelle Merfeld)
8:35 a.m. Safety and TA Orientation in Julian 216 (Robyn Schuline, Michelle Merfeld)
11:00 a.m. Safety Training paused; TA Orientation begins
TA meetings with Lab Coordinators and lab-specific safety discussions (locations to be announced)

	<u>Course</u>	<u>Room</u>	<u>Lab Coordinator</u>
11:00 a.m.	CHE 102	FHS 302	Thomas Zona / Kristin Eilts
	CHE 112	SLB 112	Indu Christopherson
	CHE 140	SLB 204	Eirin Sullivan
	CHE 216	SLB 228	Chris Mulligan
	CHE 220	SLB 105	Aparna Idate
	CHE 231	SLB 107	Andy Mitchell
	CHE 316	SLB 217	Jeremy Driskell
	CHE 343	SLB 318	Jon Friesen
	CHE 351	SLB 114	Craig McLauchlan
11:30 a.m.	CHE 141	SLB 104	Indu Christopherson
	CHE 233	SLB 105	Shawn Hitchcock
	CHE 251	SLB 114	Chris Hamaker

Noon Lunch in Chemistry Resource Room (Julian 215)

- 12:45 p.m. New Grad Student Orientation in Julian 215 (Dr. Marge Jones with Dr. Lisa Szczepura)
2:00 p.m. Resume Safety Training in Julian 216 until 4:30 p.m.

