



Illinois State University

DEPARTMENT  
OF CHEMISTRY

*Celebrating 50 years*

**BLUE NOTES**

September 1, 2016 – Issue 2016-14

## FISHER THESIS AWARD NOMINEE

James Brault's (Friesen) thesis, "Characterization of Cytidylyltransferase Enzyme Activity Through High Performance Liquid Chromatography," has been nominated for the Fisher Thesis Award. Congratulations, Jim, and good luck!

## FALL 2016 SEMINAR SERIES

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

- 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 *Alumni Day* – 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 Literature)  
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

- September 2 -Last day to drop a course with no withdrawal grade (WX) assigned and a full adjustment of charges. Financial aid may be reduced.  
-Last day to put a course on Credit/No Credit (Pass/Fail) or Audit.

**September 5 Labor Day observed. University closed.**

- September 6 Census Enrollment Reporting (fifteenth calendar day)  
September 9 -Deadline for submission of materials (late grades, grade changes, transcripts, test scores, petitions for graduation exception, etc.) for August 2016 Bachelor Degree candidates.



-Last day for undergraduate students planning on receiving a degree in December to apply and pay the fee for graduation. Applications may be submitted online through My.IllinoisState.edu.

- September 12 -Midterm grade information email sent to faculty.  
-Proposals for new and deleted minors and sequences requiring Academic Senate approval due via online proposal process for presentation to the University Curriculum Committee (UCC) for inclusion in the 2017-2018 Undergraduate Catalog.  
-New, revised, and deleted 300-level course proposals (for dual level undergraduate and graduate credit) for the 2017-2018 Undergraduate Catalog and the 2017-2018 Graduate Catalog due via online proposal process.  
-Baccalaureate Certificates and Graduate Certificates requiring Academic Senate approval are due via online proposal process for presentation to the Graduate Curriculum Committee (GCC) for inclusion in the 2017-2018 Graduate Catalog.



- September 13 Dean's Fall Address at 3:30 p.m. in the Old Main Room, BSC  
October 8 Homecoming Tailgate  
October 22 Chemistry 50<sup>th</sup> Anniversary All-Day Celebration

## STUDENT, FACULTY and STAFF ACTIVITIES

### ***Publications***

1. Andrzej M. Belzowski, Jaqueline D. Hooker, Alexandra M. Young, David L. Cedeño, **Steven J. Peters, Timothy D. Lash, Marjorie A. Jones**, "Nitric Oxide Production within *Leishmania tarentolae* Axenic Promastigotes and Amastigotes is Induced by Carbaporphyrin Ketals," *JSM Tropical Medicine and Research* **2016**, 1(1):1004 (invited manuscript for Inaugural Issue, open access).

#### **Accepted for Publication**

2. **Timothy D. Lash**, "Carbaporphyrinoid Systems," *Chemical Reviews*.
3. **Timothy D. Lash**, "Heteroporphyrins and Carbaporphyrins," in *Porphyrins for the 21<sup>st</sup> Century*, Volume 1 – Fundamentals.

### ***Faculty Presentations***

1. **Lisa F. Szczepura**, "Preparation and Study of Rhenium Based Cluster Complexes," 252<sup>nd</sup> ACS National Meeting, Philadelphia, PA, August 21-25, 2016.
2. **Steven J. Peters**, "Electron Initiated Dimerization and Trimerization of Alkyl Isothiocyanates," 252<sup>nd</sup> ACS National Meeting, Philadelphia, PA, August 21-25, 2016.

### ***Student Presentations***

1. <sup>(G)</sup>Jade M. Katinas, <sup>(UG)</sup>Rachel Epplin, **Christopher G. Hamaker, Marjorie A. Jones**, "Sulfonamide Inhibition: Progress in Determining Pathway of Inhibition in *Leishmania*," 252<sup>nd</sup> ACS National Meeting, Philadelphia, PA, August 21-25, 2016.
2. Joshua Theobald, <sup>(G)</sup>Joshua M. Jarodsky, Stephen Hughes, **Marjorie A. Jones**, "Investigation of Secreted Inulinase Activity from Yeast (*Kluyveromyces marxianus* NRRL Y-50798) or Fresh Agave Leaves," 252<sup>nd</sup> ACS National Meeting, Philadelphia, PA, August 21-25, 2016.

3. <sup>(G)</sup>Benjamin M. Dorsey, <sup>(UG)</sup>Kirk Eichenberg, <sup>(UG)</sup>Alexis E. Broedlow, <sup>(UG)</sup>Jessica L. Wickline, **Marjorie A. Jones**, "Tryptamine Derivatives, Extracted from Syrian Rue Seeds, Negatively Affected *Leishmania tarentolae* in Culture: A Model Study," 252<sup>nd</sup> ACS National Meeting, Philadelphia, PA, August 21-25, 2016.
4. <sup>(G)</sup>Craig A. Wallace, **Craig C. McLauchlan**, **Marjorie A. Jones**, "Incubation of *Leishmania tarentolae* with Vanadium Complexes to Assess Their Potential as Therapeutic Drugs," 252<sup>nd</sup> ACS National Meeting, Philadelphia, PA, August 21-25, 2016. This was also presented as invited poster for SciMix.

