

**WEEKLY BULLETIN**  
**DEPARTMENT OF CHEMISTRY, NORTHWESTERN UNIVERSITY**  
**EVANSTON, ILLINOIS 60208-3113**  
**April 30, 2007**  
**CALENDAR FOR THE COMING WEEK**

**Tuesday, May 1,  
2007**

Faculty Lunch Seminar  
**Professor Kenneth  
Poepelmeier**  
Nano 2003, 12:10

Final Defense  
**Chris Galliford**  
Nano 1004, 1:30p.m.  
Hosted by Professor Karl Scheidt

*“A Multicomponent Catalytic  
Assembly Reaction for the  
Synthesis of Nitrogen-Containing  
Heterocycles and Umpolung  
Transformations of Aldehydes and  
Acylsilanes”*

**Wednesday, May 2,  
2007**

Physical Seminar  
**Matt Young**  
Nano 1004, 2:00p.m.  
Hosted by Professor Richard Van  
Duyne and Professor Peter Stair

*“Characterization of Plasmonic  
Materials for Optimization of  
Surface-Enhanced Raman  
Scattering Sensitivity”*

Physical Seminar  
**Jiha Sung**  
Nano 1004, 2:45p.m.  
Hosted by Professor Richard Van  
Duyne

*“Nanoparticle Spectroscopy:  
Dipole Coupling in 2D Arrays of  
Silver Nanoparticles”*

**Friday, May 4, 2007**

Final Defense  
**Sharon Koh**  
Nano 4003, 9:00a.m.  
Advisors – Professor Tobin Marks  
and Professor Mark Ratner

*“An investigation of Electroactive,  
Conducting, Thiophene-Based  
Oligomers: Electronic Structure,  
Synthesis, Characterization, and  
Device Analysis”*

Final Defense  
**Richard Kelley**  
Nano 1004, 1:00p.m.  
Advisors – Professor Michael  
Wasielowski

*“Energy and Charge Transfer in  
Chlorophyll – and Porphyrin-  
Based Multichromophore Arrays”*

Physical Chemistry Colloquium  
**Professor Jeff Roberts**  
University of Minnesota  
Nano 4003, 4:00p.m.  
Hosted by Professor Franz Geiger

*“Surface Functionalization and  
Passivation of Aerosolized Silicon  
Nanoparticles”*

[The complete list of seminars and colloquia are available at www.chem.northwestern.edu/resources/](http://www.chem.northwestern.edu/resources/)

## **UPCOMING EVENTS:**

May 7, 2007

Eli Lilly Seminar in Organic Chemistry Lecture Series

Professor David Gin

Sloan Kettering Cancer Center

Nano 4003, 11:00a.m.

Hosted by Professor Karl Scheidt

May 7, 2007

International Institute for Nanotechnology Seminar

Jeremy Sanders

University of Cambridge

Pancoe – ENH Abbott Auditorium, 4:00p.m.

Hosted by Professor Chad Mirkin

May 8, 2007

Final Defense

Rafael Angel Vega

Nano 3003, 1:00p.m.

Hosted by Professor Chad Mirkin, and Professor Steven Wolinsky

May 8, 2007

Department of Chemistry Colloquium

Professor Yan Zhao

Iowa State University

Tech LR3, 4:00p.m.

Hosted by Professor Joseph Lambert

May 10, 2007

Industrial Associates Meeting

9:00 – 10:00 Professor Richard Silverman - Keynote address

*“Lyrica! Big Deal. So What Have You Done Lately?”*

10:05 – 10:20 Andrea Voges - Rohm and Haas - *“First Month in Industry”*

10:45 – 11:00 Kevin Heier – Air Products - *“Collaboration in Industry”*

11:15 – 11:45 Teri Odom - *“TBD”*

12:00 – 12:15 Jeff Pennoyer – GE Diagnostics *“TBD”*

12:15 - 12:30 Steve Ittel – Dupont - *“Safety”*

2:30 – 2:45 Jane Fagerland – Abbott Laboratories - *“Difference in Working in Academia & Industry”*

2:45 – 3:00 Michael Fuller – Schlumberger - *“Environment”*

3:30 – 6:00 Poster Session

May 11, 2007

Industrial Associates Meeting

9:00 – 9:30 Franz Geiger -*Everything You Wanted to Know About the Northwestern Chemistry Department\**

*\*But Were Afraid to Ask*

9:30 – 10:00 Bartosz Grzybowski – “TBD”

10:30 – 12:30 Industrial Associates Panel

May 11, 2007

Inorganic Seminar

Mike Marvel

Nano 4003, 1:15p.m.

Hosted by Professor Kenneth Poepelmeier

May 14, 2007

Abbott Lecturer

Professor Barry Trost

Stanford University

Pancoe – ENH Abbott Auditorium, 3:00p.m.

Hosted by Organic Division – Professor Karl Scheidt

May 18, 2007

Marple Schweitzer Lecture

Professor Carl Dirk

The University of Texas at El Paso

Tech LR3, 4:00p.m.

Hosted by PLU

May 31, 2007

3<sup>rd</sup> Year Organic Seminar

Joseph Bullock

Nano 4003, 11:00a.m.

Hosted by Professor Michael Wasielewski

May 31, 2007

3<sup>rd</sup> Year Organic Seminar

Brooks Maki

Nano 4003, 11:00a.m.

Hosted by Professor Karl Scheidt

## **FYI**

**2007 Victor K. LaMer Award** is Dr. Amanda Haes, Northwestern University. She is the 3<sup>rd</sup> Northwestern Graduate to win this in a row! This has been an amazing run for Northwestern, with Richard Van Duyne’s student Amanda winning in 2007 and then Christy L. Haynes also Van Duyne’s student winning the LaMer Award in 2005 and Chad Mirkin’s student Jwa-Min

winning in 2006. The committee was greatly impressed with Amanda's research on localized surface Plasmon resonance spectroscopy in nanoparticles optics and biosensors. Congratulations to Amanda!

**Japan-USA Joint Symposium on Chemistry of Coordination Space** is happening June 24-26, 2007 at Northwestern University in Pancoe/ENH Auditorium. Registration and abstract submission deadline is **April 24, 2007**. For more information see: <http://ccspace.chem.nagoya-u.ac.jp/meetingEng.htm>

**The 13<sup>th</sup> International Conference on Unconventional Photoactive Systems** will be held here at Northwestern University, August 5<sup>th</sup> – 9<sup>th</sup> 2007. The conference will include the following general topics: Solar energy conversion, bio-inspired photoactive systems, electroluminescence and OLEDs, nano-optics and plasmonics, single molecule spectroscopy, photonic switches, nonlinear optics photochromic materials, and optical data storage. **Abstracts are still being accepted.** Please contact Christina Maki at [c-maki@northwestern.edu](mailto:c-maki@northwestern.edu) or the website for more information <http://chemgroupsnorthwestern.edu/ups13/> Special registration for students and postdocs will be \$50.00.

**BIP Room Change!!!** Due to renovations in K140, we will be moving BIP to **F235**. The room is located at the west end of the F-wing on the second floor. Thanks and we hope to see you all there Saturday, 10:00a.m.

**Faculty Lunch Seminars** and also Faculty Lunch hour for the next few weeks will be held in Nano 2003.

## **Opportunities**

**Saint Xavier University Chemistry Department** is seeking an instructor to teach their summer Chemistry 108 course. "Principles of Organic/Biochemistry". Ph.D. is preferred. SXU's campus is located in the southwest corner of Chicago and is bordered by the suburbs of Evergreen Park to the north and east side and Oak Lawn on the west side. Chem 108 is a 4 credit hour course taken by pre-nursing students. The course is about 1/3 organic and 2/3 biochemistry. The course is 18 weeks long with 8 hours of lecture and 4 hours of lab per week. The course begins Monday, May 21- Friday, July 13<sup>th</sup>. If you are interested, please contact by email ASAP: S. Frances Crean, Ph.D.

[fcrean@sxu.edu](mailto:fcrean@sxu.edu)

(773) 298-3517

Saint Xavier University

3700 W. 103<sup>rd</sup> Street

Chicago, IL 60655

**11<sup>th</sup> Annual GLCACS (Chinese-American Chemical Society-Great Lakes Chapter) Meeting** is going to be held Saturday, May 5, 2007. The GLCACS annual meeting features research presentations, industry introduction, career fairs and student poster. The student poster session, is open for registration. It is a great opportunity for chemistry, chemical engineering, material sciences, bio-technology, bio-engineering and biological sciences students and postdocs,

especially for Chinese scholars, to present your research. You will get to meet directly with the company representatives during the job fair. Information and registration for the student poster session will be in the Main Chemistry office.