
WEEKLY BULLETIN
DEPARTMENT OF CHEMISTRY, NORTHWESTERN UNIVERSITY
EVANSTON, ILLINOIS 60208-3113
April 27, 2009
CALENDAR FOR THE COMING WEEK

Monday, April 27, 2009

Elli Lilly Organic Seminar,
Professor Forrest Michael
University of Washington
Ryan Hall 4003, 11:00a.m.
Hosted by Professor Karl Scheidt

*"Catalytic Alkene
Amination Reactions"*

Special Chemistry Seminar
Professor Richard Schaller
Los Alamos National Laboratory
Ryan Hall 4003, **3:00p.m.**

*"Auger Recombination and
Carrier Multiplication in
Semiconductor
Nanocrystals"*

Tuesday, April 28, 2009

Faculty Lunch Seminar
Professor Teri Odom
Tech K140, 12:10

Theory Seminar
Professor Xiaosong Li
Department of Chemistry
University of Washington
Ryan Hall 4003, 4:00p.m.
Hosted by Professor George Schatz

*"Time-dependent Hartree-
Fock and Density
Functional Theory: Ground
State, Excited State, and
Beyond..."*

Thursday, April 30, 2009

Organic Seminar,
Professor Jeffrey Pyun
University of Arizona
Tech K140, 11:00a.m.
Hosted by Professor Joseph
Lambert

*"Magnetic Assembly and
Colloidal Polymerization of
Ferromagnetic
Nanoparticles: Novel
Materials for Information
and Energy Storage"*

Friday, May 1, 2009

Faculty Retreat
Zingarella Restaurant
2300 Lehigh Ave # 125
Glenview, IL 60026
(847) 657-0707
12:00p.m. – 9:00p.m.

hwestern.edu/resources/

Our Organic Speaker this week is Jeffrey Pyun. He obtained his BA in Chemistry at Northwestern University in 1997. As an undergraduate, he worked under Prof. Joseph Lambert and later joined the group of Prof. Krzysztof Matyjaszewski at Carnegie Mellon University for graduate studies. In 2002, he obtained his PhD in Chemistry working in the area of controlled radical polymerization applied to the synthesis of organic/inorganic hybrid materials. He then moved on to postdoctoral research in a joint position with Prof. Jean M.J. Fréchet and Dr. Craig J. Hawker at the IBM Almaden Research Center from 2002-2004 focusing on the synthesis of complex macromolecular architectures for catalysis. In Fall 2004, he joined the faculty in Chemistry at the University of Arizona as an Assistant Professor. He is currently working on the preparation of magnetic nanocomposite materials and the mesoscale assembly of nanoparticles into hierarchically ordered structures. These materials are anticipated to broadly impact the areas of information storage and energy-related technologies. He has been recognized by an NSF CAREER Award (2007), an ONR Young Investigator Award (2007) an IBM Faculty Award (2007) and a Alfred P. Sloan Research Fellowship (2009) for his work in the area of polymeric nanocomposite materials.

Save the Date

May 4, 2009 - Eli Lilly Organic Seminar – Professor Jon Njardarson, Cornell University, Ryan Hall 4003, 11:00a.m. Hosted by Professor Regan Thomson

May 5-6, 2009 – 2nd Annual ANSER Solar Energy Symposium

May 7 – 8, 2009 – Industrial Associates Meeting

May 8, 2009 – Inorganic Seminar, Benjamin Gilston, Tech K140, 1:00p.m. Advisor- Professor Thomas O'Halloran

May 11, 2009 – Eli Lilly Organic Seminar - Professor Shana Sturla, College of Pharmacy, University of Minnesota, Ryan Hall 4003, 11:00a.m. Hosted by Professor Karl Scheidt

May 14, 2009 – UCC Distinguished Lecture – Professor Andy Myers, Harvard University, Tech LR2, 4:00p.m. Hosted by Professor SonBinh Nguyen

May 15, 2009 – Chemistry Colloquium – Professor Sunney Xie, Harvard University, Tech LR3, 4:00p.m., Hosted by Professor Teri Odom

May 20, 2009 - Physical Seminar, Professor Heather Allen, The Ohio State University, Ryan Hall 4003, 4:00p.m. Hosted by Professor Franz Geiger

May 21, 2009 – Organic Seminar, Professor Mohammad Movassaghi, MIT, Tech K140 11:00p.m. Hosted by Professor Regan Thomson

May 21, 2009 – IIN Frontiers in Nanotechnology Seminar Series, Professor Martin Moskovits, University of California, Santa Barbara, Abbott Auditorium, Pancoe, 4:00p.m. Hosted by Professor Chad Mirkin

May 22, 2009 – Chemistry Colloquium – Professor Jean-Pierre Sauvage, University of Strasbourg, Tech LR3, 4:00p.m. Hosted by Professor Joseph Hupp

May 25, 2009- Memorial Day – University closed

May 29, 2009 – Marple-Schwitzer Lecture- Douglas R. Worsnop, Ph.D., Physical Chemistry, Harvard University, Tech LR3, 4:00p.m. Hosted by PLU

May 29, 2009 – Annual Beach Show by Eberhard Zwegel

June 1, 2, & 3, 2009 - Distinguished Summer Lecture Series, Professor Thomas J. Meyer, Ryan Hall 4003, 4:00p.m., 4:00p.m. and 11:00a.m.

June 12, 2009 – Inorganic Seminar – Amanda Griffin, Tech K140, 1:00p.m., Advisor- Professor Brian Hoffman

Opportunities

Dow's 2009 BEST Symposium will be held in Midland, MI on September 21-23, 2009. *BEST (Building Engineering and Science Talent)* is aimed at introducing doctoral and post-doctoral scientists from U.S. ethnic minority groups to the wide range of rewarding careers in industrial research, and in particular, the many opportunities with the world's leading specialty chemical and advanced materials company, Dow Chemical. This conference, developed jointly by Dow's minority scientists and Ph.D. recruiting team, demonstrates Dow's commitment to a diverse work force. To apply for the conference by visiting our website at <http://www.dow.com/BEST> . All applications are due by June 20, 2009.

NATO – Kiev conference, advanced research workshop on “Textile Composites” we welcome Natural Fibers papers. May 18-21, 2009 in Kiev, Ukraine Venue: National Technical University of Ukraine Kiev Polytech Inst. (NTUU-KPI) If interested, please immediately submit paper title to Professor David Hui, dhui@uno.edu NO REGISTRATION FEE for NATO workshop

17th Annual International Conference on Composites or Nano Engineering ICCE-17 Waikiki, Honolulu. Conference, July 26-August 1, 2009 in Honolulu, Hawaii, USA www.uno.edu/~engr/composite If interested, please immediately submit paper title to Prof. David Hui, dhui@uno.edu We have received over 600 abstracts. These ICCE-17 detailed abstracts will be reviewed and appear as short papers in World Journal of Engineering, upon payment of registration fee and attendance of ICCE-17. Further, all full length version of these short papers, with paper title change, will be reviewed and published in WJOE or in Composites B journal. Due to budgetary constraints, we are unable to offer financial assistance.

Washington University in St Louis, Department of Chemistry is seeking candidates for the position of Chair of the Department. This is an outstanding opportunity for a visionary leader to strengthen and create research and training programs in Chemistry and to foster interdisciplinary programs with other departments and schools at Washington University, including the school of

Medicine and the schools of Engineering. Significant growth of the Chemistry faculty is anticipated. If you would like additional information (tome@bicchem.wustl.edu; (314-747-8893) We anticipate filling this position before the end of 2009.

University of Wisconsin-Stevens Point (www.uwsp.edu/chemsitry) has an immediate opening for a postdoctoral position in polymer synthesis/nanotechnology. This one-year appointment may be continued beyond the first year depending on funding and performance. The successful applicant will lead undergraduate research students working with Professors John Droske and Mike Zach on highly collaborative projects in polymer science and materials nanotechnology. Currents research projects include the preparation of bioresorbable bone adhesives (Droske) and depositions of inorganic nanostructured materials. (Zach) Additional information may be found at http://www.uwsp.edu/chemistry/jdroske/Postdoc_webinfo.htm.

ACS International Research Experiences for Undergraduates Program (ACS-IREU) for students majoring in Chemistry, Biochemistry, Molecular Biology, Materials Science, and other Chemistry related fields application are be sought. Eighteen students will be selected to receive the ACS-IREU Scholarship to conduct research at selected institutions in Germany, France, Italy and the UK. Detailed information and online application and recommendation forms are found on our web site www.acs.org/ireu .

Arrivals and Departures

Choongik Kim, a graduate student with Professor Tobin Marks has successfully defended his dissertation and has taken a postdoctoral position at Harvard University.