

WEEKLY BULLETIN
DEPARTMENT OF CHEMISTRY, NORTHWESTERN UNIVERSITY
EVANSTON, ILLINOIS 60208-3113
April 14, 2008
CALENDAR FOR THE COMING WEEK

**Monday, April 14,
2008**

Eli Lilly Seminar
Professor Richard Sarpong
University of California, Berkeley
Ryan Hall (Nano) 4003, 11:00a.m.
Hosted by Professor Regan
Thomson

*“Reactions and Strategies Inspired
by Seven-Membered Rings in
Natural Products”*

Physical Seminar
Professor Tom Weinacht
Stoney Brook University
Ryan Hall (Nano) 4:00p.m.
Hosted by Professor Mark Ratner

*“An Ultrafast Quantum Camera:
Observing and Controlling Atomic
and Molecular Dynamics”*

**Tuesday, April 15,
2008**

Faculty Lunch Seminar
Professor Brian Hoffman
Tech K140, 12:10p.m.

**Industrial Associates –
Abstract/Poster Session**
Registration Deadline

**Wednesday, April
16, 2008**

NUPC Coffee Hour - All
chemistry postdocs invited!
Tech K126, 3:00 – 4:00pm

Career Option Seminar
Professor Hal Van Ryswyk
Harvey Mudd College
Ryan Hall (Nano) 4003, 4:00-6:00
No registration required, Dinner
Provided
Hosted by PLU Service Project
Grant (SPG)

*“Career Option: Teaching and
Performing Research at a
Primarily Undergraduate
Institution”*

**Thursday, April 17,
2008**

IIN Frontiers Nanotechnology
Seminar
Professor Ben O’Shaughnessy
Columbia University
ENH Pancoe, Abbott Auditorium,
4:00p.m.
Hosted by Professor Chad Mirkin

*“Nature’s Nanotechnology: Force-
Producing Machines in the Cell”*

**Friday, April 18,
2008**

Inorganic Seminar
Professor Kathy Franz
Duke University
Tech K-140, 1:00p.m.
Hosted by Professor Thomas
O'Halloran

"TBD"

Organic Colloquium
Professor Bert Meijer
Eindhoven University, the
Netherlands
ENH Pancoe, Abbott Auditorium,
4:00p.m.
Hosted by Prof Samuel Stupp

*"The Non-Covalent Synthesis of
Supramolecular Materials
Chirality as a Muse"*

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

UPCOMING EVENTS:

April 23, 2008
IIN Frontiers Nanotechnology Seminar
Professor Philip Kim
Columbia University, Physics
ENH Pancoe, Abbott Auditorium, 4:00p.m.
Hosted by Professor Chad Mirkin

April 24, 2008
Chemistry Seminar
Dongwhan Lee
University of Indiana
Tech K140, 11:00a.m.
Hosted by Professor Teri Odom

April 25, 2008
Inorganic Colloquium
Professor Gordon Miller
Iowa State University
ENH Pancoe, Abbott Auditorium, 4:00p.m.
Title: "Intermetallic Magnets: From Itinerant Magnetism to Magnetic Refrigeration"
Hosted by Professor Kenneth Poeppelmeier

April 28, 2008
Raman Spectroscopy and Raman Imaging Seminar
DeltaNu Inc. of Wyoming

Ryan Hall (Nano) 4003, 8:00a.m. – 12:00 noon
1:00p.m. Hands-on Workshop at Ryan Hall 4003
If interested please RSVP to Travis Thompson (tthompson@deltanu.com.)

April 30, 2008

Physical Seminar

Professor John Fourkas

Ryan Hall (Nano) 4003, 2:00p.m.

Hosted by Student Physical Seminar Committee

May 1, 2008

Organic Seminar

Professor Eugene Zubarev

Rice University

Tech K140. 11:00a.m.

Hosted by Professor Samuel Stupp

May 2, 2008

Inorganic Seminar

Daniel Wells

Tech K140, 1:00p.m.

Advisor – Professor James Ibers

May 2, 2008

Northwestern – Argonne Energy Symposium

Energy – The Challenge For the 21st Century

Organized under the auspices of the Heilborn Lectures for 2007-2008

All Lectures and Panel Discussion will take place in Ryan Auditorium, Tech Building

9:00 – 10:00 - **Keynote Lecture - Steve Chu**, Director, Lawrence Berkeley National Laboratory

“The World’s Energy Problem and What We Can Do About It.”

10:00 – 10:45 - **Phillip Finck**, Associate Director, Idaho National Laboratory

“Nuclear Energy in the U.S.”

11:15 – 12:00 - **Steve Long**, Director, Energy Biosciences Institute, University of Illinois

“Plentiful Biofuels from Crops”

1:30 – 2:15 - **William Banholzer**, Chief Technology Officer, Dow Chemical Company

“Changes in the Energy Market”

2:15 – 3:00 - **Michael Grätzel**, Ecole Polytechnique de Lausanne

“Power of the Sun.”

3:30 – 5:00 **Panel Discussion**

William Banholzer, Steve Chu, Phillip Finck, John Gibbons, Michael Grätzel, William Halperin,

Steve Long and Mark Ratner (Julio Ottino and Sunil Chopra – Moderators)

5:00 – 6:00 Public Reception in the Lobby of the Technological Institute

May 5, 2008

Eli Lilly Organic Seminar

Professor Alison Frontier

Rochester University

Ryan Hall, (Nano) 4003, 11:00a.m.
Hosted by Professor Regan Thomson

May 5, 2008
Faculty Meeting
Tech K140, 12:10p.m.

May 5, 2008
Physical Chemistry Seminar
Professor Zhigang Shuai
Chinese Academy of Science, Beijing
Ryan Hall, (Nano) 2:00p.m.
Hosted by Professor Michael Wasielewski

May 6, 2008
Professor John Asbury
Pennsylvania State University
Ryan Hall, (Nano) 2:00p.m.
Hosted by Physical Chemistry Graduate Students

May 7, 2008
ANSER Seminar Series
Professor David Cahen
Weizman Institute of Science
Ryan Hall, (Nano) 4003, 4:00p.m.
Hosted by Professor Michael Wasielewski & Professor Tobin Marks

May 8, 2008
Industrial Associates
All Lectures take place in Ryan Hall, 4003
Industrial Associates Tentative Agenda
All interested Students, Postdocs and Faculty are invited
8:45a.m. – Refreshments
9:00a.m. – Keynote Lecture – **Dr. John Piwinski, Schering-Plough Corp**
10:15a.m. – **Dr. Steven Ittel, Dupont**
10:45 a.m. – Break
11:00 a.m. – **Dr. Kenneth Fivizzani, Nalco Company**
11:30a.m. – **Dr. Melissa Johnson, Rohm and Haas Company**
12:00noon – **Dr. Ryan Fuierer, Asylum Research**
12:30 p.m. – **Abbott TBD**
2:30 p.m. – **Dr. Joseph Sabol, Sabol Consulting**
3:00p.m. – **Dr. Ronald Yates/Mark Jones, Dow**
3:30p.m. – **Dr. Kevin Heier, Air Products**
4:00 p.m. – Tour of Organic Lab – Silverman Plans
5:00 p.m. – 7:00 p.m. -Poster Session - Tech Lobby

May 9, 2008

Industrial Associates

All Lectures take place in Ryan Hall 4003

7:30a.m. – Refreshments

8:00 – 9:30a.m. Joint meeting with “Mornings at McCormick” Engineering Industrial Associates with a feature lecture by **Professor Bartosz Grzybowski** on Applied Aspect of Self-Assembly

10:00 a.m. – Industrial Talk TBD

10:30 a.m. – **Dr. Lijun Li, Schlumberger**

11:00 a.m. – Industrial Talk TBD

11:30 a.m. – Panel Discussion – “Career Paths – The Inside Track”

May 8, 2008

IIN Seminar

Professor Paul Weiss

Pennsylvania State University

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

Hosted by Professor Chad Mirkin

May 9, 2008

Inorganic Seminar

Evan Stampler

Tech K140, 1:00p.m.

Advisor- Professor Ken Poeppelmeier

May 9 &10, 2008

Faculty Retreat

The Q Center

1405 North Fifth Avenue

St Charles, IL 60174

877-774-TheQ

May 13, 2008

Nanotechnology Town Hall Meeting III

ENH Pancoe Building, Abbott Auditorium

2200 Campus Drive

Evanston Campus 60208

5:30 p.m. – 7:30 p.m.

Guest Speaker: **Professor Fraser Stoddart**

Discussion Moderator: **Professor Laurie Zoloth**

May 14, 2008

National Medal of Science Symposium

Allen Center

- **Robert Grubbs**, Victor and Elizabeth Atkins, Professor of Chemistry, California Institute of Technology, 2005 Nobel Prize in Chemistry
- **Joanna Aizenberg**, Gordon McKay Professor of Materials Science, Harvard University

- **Grigory Barenblatt**, Professor in Residence, Department of Mathematics, University of California, Berkeley
- **Malcolm Chisholm**, Distinguished Professor of Mathematical and Physical Sciences, The Ohio State University
- **Thomas Hughes**, Professor of Aerospace Engineering and Engineering Mechanics, University of Texas at Austin
- **Sia Nemat-Nasser**, Distinguished Professor of Mechanics and Materials, University of California, San Diego

There is no charge for attendance at the symposium, but the space is limited and reservations will be taken on a first-come first serve basis, so please register early. Further details, including online registration, can be found at <http://www.nmss.northwestern.edu/>

May 15, 2008

UCC Distinguished Speaker Lecture

Professor Daniel Kahne

Harvard University

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

May 16, 2008

Inorganic Seminar

Ethan Trana

Tech K140, 1:00p.m.

Advisor – Professor Hilary Godwin

May 16, 2008

Abbott Lecture

Professor David Evans

Harvard University

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

Hosted by Professor Karl Scheidt & Professor Regan Thomson

Save the Date

National Medal of Science Symposium – May 14, 2008 - <http://www.nmss.northwestern.edu/>

UCC Distinguished Speaker Lecture – May 15, 2008 – Professor Daniel Kahne, Harvard University

Abbott Lecture – May 16, 2008 – Professor David Evans, Harvard University

Marple Schweitzer Memorial Lecture – May 30, 2008 - Dr. Anthony England, Mangosteen

Opportunities

Call for Abstracts for the Industrial Associates Poster Session – Due April 15, 2008

Anyone interested in presenting a poster at the Industrial Associates Meeting on May 8, 2008

should turn in an abstract of their work to Gerri Pipersburgh in the main Chemistry office by April 15, 2008. The abstracts need to be formatted as a PDF on 8 1/2 X 11 “with a 1 inch margin on all sides of the document. The posters can be the normal format that is used at ACS meetings. The poster session will be on May 8, 2008 from 5-7 pm in Tech. If you have any questions, please contact Teri Collins at x7-3946.

Roosevelt University is seeking applicants for the position of Adjunct Lecturer in Chemistry for the Fall 2008 Semester (September 3 – December 8) Applicants must have a graduate degree in Chemistry and be willing to teach General Chemistry or Organic Chemistry at either the Chicago or Schaumburg campuses. Send resume and the names, telephone numbers, and e-mail addresses of two references to the: Assistant Chair, Department of Biological, Chemical and Physical. Roosevelt University 430 South Michigan Ave., Chicago, Ill 60605. Phone 312-341-3687.

Attention Students and Postdocs with Academic Career Aspirations.

AEI Poster Session at the ACS Fall National Meeting in Philadelphia Deadline April 14th

The ACS Office of Graduate Education is once again sponsoring an AEI poster session at the ACS Fall National Meeting in Philadelphia in conjunction with the SciMix session from 8 to 10 PM on Monday, August 18. This session will give aspiring faculty members a chance to meet with faculty recruiters in an informal setting. Please remind any post-docs and senior graduate students who are seeking academic positions of this opportunity by forwarding the attached flyer to them, which provides further details about the AEI poster session. The deadline for registering a poster on the Online Abstract Submittal System (OASYS) at is April 14, so they should consider this soon if they would like to attend.

Mirus Bio Corporation a leader in nucleic acid delivery technologies, currently has positions open for highly motivated organic chemists. Successful candidates will have a M.S. in organic Chemistry or a B.S. in Chemistry with at least 1 year of laboratory experience. Experience with flash column chromatography, HPLC, MS, and NMR would be advantageous. Successful candidates will demonstrate the capability to work independently and within a multidisciplinary environment. To apply, please send a cover letter and resume in Microsoft Word format to Mirus Bio Corporation to the following addresses.

Mirus Bio Corporation
Attn. Human Resources
505 S. Rosa Rd. #104
Madison, WI 53719-1267
Email: employment@mirsbio.com