



## Spring 2009 Seminar Series

### Graduate Colloquium Schedule

The following chemistry colloquia will be held in **Faraday West (FW) 201 at 4:00 p.m.**, unless otherwise noted, and will be preceded by a reception at 3:30 p.m. in FW 300. Should you have any questions, please contact the host listed for the respective lecture.

Date	Speaker/Host	Title
Jan. 27* Tuesday	<b>Prof. Eric Stach</b> School of Materials Engineering, Purdue University Host: Tao Xu	<i>In-situ nanoindentation: a novel technique for understanding nanoscale deformation mechanisms</i>
Feb. 2* Monday	<b>Dr. Christopher L. Marshall</b> Heterogeneous Catalysis Research, Chemical Sciences and Engineering Division, Argonne National Laboratory Host: Tao Xu	<i>Oxidative dehydrogenation of paraffins and cycloparaffins by nanolith catalysts</i>
Feb. 9 Monday	<b>Dr. Thomas J. Colacot</b> Catalysis & Chiral Technologies, Johnson Matthey Host: Chong Zheng	<i>Highly active, air-stable Pd-phosphine complexes for challenging cross-coupling reactions in pharmaceutical processes</i>
Feb. 16* Monday	<b>Prof. Ming-Fong Lin</b> Department of Biochemistry and Molecular Biology; Eppley Cancer Institute, University of Nebraska Medical Center Host: Kui Shen	<i>Tyrosine phosphorylation and its potential clinical applications in prostate cancer</i>
Feb. 23* Monday	<b>Prof. Thomas B. Rauchfuss</b> Department of Chemistry, University of Illinois at Urbana-Champaign Host: Narayan S. Hosmane	<i>Bio-organometallic chemistry: models for the [FeFe]-hydrogenase enzymes</i>
March 16* Monday	<b>Prof. Sapna Deo</b> Department of Chemistry, Indiana University - Purdue University Indianapolis Host: James R. Horn	<i>Luminescence-based microRNA detection technologies</i>
March 23 Monday	<b>Prof. Kathleen V. Kilway</b> Department of Chemistry, University of Missouri-Kansas City Host: Thomas M. Gilbert	TBA
March 30 Monday	<b>Prof. Douglas A. Klumpp</b> Department of Chemistry and Biochemistry, Northern Illinois University	<i>New chemistry with superelectrophiles</i>
April 13* Monday	<b>Prof. Hilikka I. Kenttämää</b> Department of Chemistry, Purdue University Host: Victor V. Ryzhov	<i>Functional group selective gas-phase ion-molecule reactions on FT-ICR mass spectrometer</i>

\*Cosponsored by the NIU Graduate Colloquium Committee.

### Seminar Proposal Process

The [Department Calendar](#) displays scheduled/tentatively scheduled seminars. Prior to submitting a proposal, NIU faculty are asked to check the availability of dates and complete a [Request Form](#). In completing the graduate student section, students may wish to view [Examples of Graduate Student Input](#).

### Additional Schedules

- CHEM 498, Research (pdf) – Undergraduate Research Activities and Seminars
- Analytical Seminars
- Biochemistry Seminars
- Inorganic/Physical/Nano Seminars
- Synthesis Seminars
- [Friday noon seminar series \(FW 201\) – Center for Biochemical and Biophysical Studies](#)