Campus-Wide Seminar Listing

**Monday, February 25**

Comparative Biosciences

Yuanyuan Liu, PH.D.

Harvard Medical School-Boston Children’s Hospital, F.M. Kirby Neurobiology Center

**Deciphering Corticospinal Circuits in Sensorimotor Control**

10:00 AM, 2271C VMBSB

Cell and Developmental Biology Student and Postdoc Seminar

Alokananda Ray

University of Illinois

**The Notch Pathway regulates temporal patterning of neuroblasts in the Drosophila optic lobe medulla**

12:00 PM, B102 CLSL

Theoretical and Computational Biophysics

Dr. Charles Schwieters

Division of Computational Bioscience, Center for Information Technology

National Institutes of Health, Bethesda, Maryland

**Topics in Xplor-NIH Protein Structure Determination**

3:00 PM, 3269 Beckman Institute, (2:30 PM – Coffee Hour with the Speaker, third floor TCBG Courtyard)

Entomology Colloquium

Jeff Feder

University of Notre Dame

**On the scent of speciation: Evidence suggesting a neurological switch in fruit volatile processing involving the antennal lobes of the apple and hawthorn host races of Rhagoletis pomonella**

4:00 PM, B102 CLSL

Materials Science and Engineering Colloquium

Ellen Arruda

Mechanical Engineering Dept., University of Michigan

**Experimental characterization, constitutive modeling, and computational simulations of the soft tissues of the knee**

4:00 PM, 100 MSEB

Chemical Biology

Professor Amanda Hargrove

Duke University

**Deciphering Patterns in Selective Small Molecule: RNA Interactions**

4:00 PM, 116 RAL

**Tuesday, February 26**

Materials Science and Engineering Special Seminar  
Timothy Rupert

Department of Materials Science and Engineering, University of California – Irvine

**Promoting beneficial complexion transitions: Tuning defect structure to make better materials**

9:00 AM, 280 MRL

Neuroscience Program

Dr. Wayne Sossin

James McGill Professor, Department Neurology and Neurosurgery, Montreal Neurological Institute, McGill University

**Stalled polysomes transport mRNAs to synapses: implications for synaptic plasticity and neurodevelopmental disease.**

4:00 PM, 1005 Beckman Institute

Chemistry, Sylvia Stoesser Lectures in Chemistry

Dr. Esther Tristani

**From Bleach to Bees: One Chemist’s Path to A Sweet Life**

4:00 PM, 116 RAL

**Wednesday, February 27**

Carl R. Woese Institute for Genomic Biology, Lunch with the Core

Noah Fierer, PhD

University of Colorado, Boulder, Department of Ecology and Evolutionary Biology

**The Microbial Ecology of Our Homes**

12:00 PM, 612 IGB Conference Center

PMPB IB 513/CPSC 598

Dr. Kimberly Novick

Department of Environmental Science, Indiana University-Bloomington

**The perplexing drought response of Eastern oaks, in the context of their ongoing decline**

12:00 PM, W-109 Turner Hall

Biochemistry Graduate Seminar

Payel Mondal

University of Illinois

**Repurposing protein degradation for optogenetic modulation of protein activities and cellular function**

4:00 Pm, 116 RAK

PEEC

Dr. Oliver Ryder

San Diego Zoo  
**Conservation Genomics of Endangered Species**

4:00 PM, B102 CLSL

**Thursday, February 28**

Molecular and Integrative Physiology

Bingtao Tang

University of Illinois

**Synergistic combination of Oncolytic Virotherapy and Immunotherapy for Glioma**

11:00 AM, B102 CLSL

Chemical Biology, Literature

Mr. Timothy Precord

University of Illinois

**Emerging Molecular Mechanisms in the Human Microbiota**

12:00 PM, 217 Noyes Lab

Microbiology

Dr. Druba Chattoraj

National Cancer Institute

**Random vs. Cell Cycle-Regulated Replication Initiation in Bacteria: Insights form Studying**

**Vibrio cholera Chromosome 2**

4:00 PM, B102 CLSL

Organic Chemistry

Professor Robert W. Huigens III

University of Florida

**Indole Alkaloids and Phenazine Antibiotics: New Platforms for Discovery**

4:00 PM, 116 RAL

**Friday, March 1**

Chemical Biology, Final Defense

Mr. Graham Hudson

University of Illinois

**Investigating and Engineering the Post-Translational Modifications in RiPP Biosynthesis:   
(I) Thiopeptides**

**(II) Sactipeptides**

10:00 AM. 117 RAL

Organic Chemistry, Final Defense

Mr. Rulin Ma

University of Illinois

**New Frontiers in C—H amination via Pd(II)/SOX catalysis**

10:00 AM, B124 CLSL

Crop Sciences

Dr. Lee DeHaan & Dr. Fred Iutzi

The Land Institute, Salina Kansas  
Sustainable Intensification with Kernza ® Perennial Grain

12:00 W-109 Turner Hall

Biochemistry Seminar of Special Interest

Dr. Aseem Z. Ansari

University of Wisconsin-Madison

**Designing Synthetic Transcription Factors (SynTFs) to Control Cell Fate**

12:00 PM, B102 CLSL

Natural Resources and Environmental Sciences

Dr. Phil Townsend  
University of Wisconsin

**TBA**

3:00 PM, W-109 Turner Hall