**Campus-Wide Seminar Listings**

**Monday, November 13**

Cell & Developmental Student and Postdoc

Soumya Negi

University of Illinois

**Investigating a novel network of transcription factors in prostate development**

Qinyu Hao

University of Illinois

**Characterization of a nucleolus-associated RNA**

12:00 PM, B102 CLSL

Theoretical and Computational Biophysics Group

Dr. Till Rudack

Ruhr-Universitat Bochum, Germany

**Reduce – Reuse – Recycle, Insights into the Cellular Protein Recycling Machine by Integrative Modeling**

1:30 PM, 3269 Beckman Institute

Entomology Colloquium

Dr. Diana Six

University of Montana

**A major symbiont shift supports a major niche shift and specialization in a clade of tree-killing bark beetles**

4:00 PM, B102 CLSL

Materials Science and Engineering Colloquium

Darrin Pochan

Materials Science and Engineering, University of Delaware

**Biomolecules for non-biological things: Materials construction through peptide design and solution assembly**

4:00 PM, 100 MSEB

Physical Chemistry. Literature

Mr. Larry Salvati

University of Illinois

**Use of Non-interacting Solvents in Probing Solution-phase Relaxation Dynamics**

4:00 PM

Mr. Prunit Jha

University of Illinois

**Advancing Moore's Law Through Multi-Gated Transistors**

4:30 PM, 161 Noyes Lab

Organic Chemistry/Merck Lecture

Dr. John Limanto

Merck Rep.

**Development of a Long-Term Manufacturing Route to an HCV NS5b Inhibitor (MK-3682)**

4:00 PM, 116 RAL

Professor Frank Glorius

Westfälische Wilhelms-Universität Münster

**On Discovery in (Photo-)Catalysis**

5:00 PM, 116 RAL

**Tuesday, November 14**

Materials Science and Engineering Soft Materials

Songsong Li, University of Illinois, **Single molecule conductance of sequence-defined oligomers**

Shi-Jie Xie, University of Illinois, **Nonlinear rheology of entangled polymer liquids under continuous shear**

Binbin Luo, University of Illinois, **Colloidal epitaxial growth of a cubic nanoparticle superlattice**

4:00 PM, 119 MSEB

Inorganic Chemistry, Literature

Jacob Turner

University of Illinois

**Out of the Blue: Inorganic Pigments Containing Mn3+ in Trigonal Bipyramidal Coordination Environments**

Xinyi Chen

University of Illinois

**Nitrogen Reduction by Multimetallic Uranium Complexes**

4:00 PM, 1024 Chem Annex

Organic Chemistry, Literature

Mr. Matthew Boudreau

University of Illinois

**Biomimetic Bond Activation via Proton-Coupled Electron Transfer**

4:00 PM, 116 RAL

**Wednesday, November 15**

Biochemistry Graduate Seminar

Donald Sheppard

University of Illinois

**Helicobacter pylori Induces BIRC3 Enhancer RNA Production by Inhibiting Hexim1.**

8:30 AM, 116 RAL

PMPB, CPSC 598/IB 513

Sebastian Sabate, M.S. Student

University of Illinois

**Genetics of the Resistance to 2, 4-D in Two Waterhemp (Amarathus tuberculatus) Populations from**

**Midwestern United States**

12:00 PM, 223 Gregory Hall

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

Katrina Muraglia, Graduate Student

Biochemistry, University of Illinois

**CFTR - Independent Rescue of Cystic Fibrosis with a Small Molecule Bicarbonate Channel**

12:00 PM, 612 IGB Conference Center

Cell & Developmental Biology

Dr. Yali Dou

Department of Pathology

University of Michigan

**Epigenetic deregulation in stem cells**

12:00 PM, B102 CLSL

Biochemistry Graduate Seminar

Logan Hurst

University of Illinois

**VLCFAs influence RhoGTPase-dependent actin polymerization at the yeast vacuole**

4:00 PM, 116 RAL

**Thursday, November 16**

Molecular & Integrative Physiology

David DeNardo, Ph.D

Washington University

**Mechanisms of resistance to immunotherapy**

11:00 AM, B102 CLSL

Crop Sciences

Moosub Lee, Ph.D. Student

University of Illinois

**Generation and Evaluation of Synthetic Octoploid and Chimeric Prairie Cordgrass**

12:00 PM, 2 Education Building

Chemical Biology, Literature

Mr. Arash Firouzbakht

University of Illinois

**Enzymatic Proximity Labeling for Proteomics and Microscopy**

12:00 PM, 163 Noyes Lab

ChBE/Materials Chemistry

Professor William Tisdale

MIT Chemical Engineering

**Excitons, Disorder, and Nonequilibrium Transport in Semiconductor Nanomaterials**

2:00 PM, 116 RAL

Materials Science and Engineering Hard Materials

Nathan Madden, University of Illinois, **Developing radiation resistant ceramics through microstructural engineering**

Ashish Kulkarni, University of Illinois, **Morphological changes induced by the template-directed solidification of eutectics**

4:00 PM, 119 MSEB

Microbiology

Dr. Paul Fey

University of Nebraska Medical Center

**Staphylococcal amino acid importance in an in vivo environment**

4:00 PM, B102 CLSL

Materials Chemistry, Literature

Michael Counihan

University of Illinois

**beta-Cyclodextrin Materials for Water Purification**

4:00 PM, 1024 Chem Annex

Organic Chemistry, Literature

Ms. Kimberly Hilby

University of Illinois

**The Development and Application of the Asymmetric Pictet-Spengler Reaction**

4:00 PM, 116 RAL

**Friday, November 17**

Chemistry-Biology Interface Training Program

Professor Peter C. Dedon

Massachusetts Institute of Technology

**The tRNA epitranscriptome coordinates with a code of codons to schedule translation of survival proteins in eukaryotes, prokaryotes and viruses**

12:00 PM, B102 CLSL

Analytical Chemistry, Final Defense

Mr. Sage Dunham

University of Illinois

**Secondary ion mass spectrometry imaging of surface-bound microbial communities**

12:30 PM, 1028 Lincoln Hall

Natural Resources and Environmental Sciences

Dr. Sara Baer

Southern Illinois University, Carbondale, Department of Plant Biology & Center for Ecology

**TBA**

4:00 PM, 149 NSRC