Campus-Wide Seminar Listings

**Monday, September 24**

Cell and Developmental Biology Student and Postdoc

Qinyu Sun

University of Illinois

**Role of microRNA host LncRNAs in cell cycle progression**

12:00 PM, B102 CLSL

Theoretical and Computational Biophysics Group

Professor Daisuke Kihara

Sciences/Computer Science, Purdue University

**Computational protein structure modeling for high to medium resolution cryo-electron microscopy density maps**

3:00 PM, 2269 Backman Institute

Entomology Colloquium

Eric Larson

INHS, University of Illinois

**Understanding and managing species invasions across stages: Crayfish case studies from inland lakes**

4:00 PM, B102 CLSL

Materials Science and Engineering Colloquium

Professor Mahesh Mahanthappa

University of Minnesota

**Molecular Frustration, Quasicrystal Approximants, and Escape to Infinity**

4:00 PM, 100 MSEB

Carl R. Woese Institute for Genomic Biology,

**Outpacing Antimicrobial Resistance Symposium**

START: Mon, 09/24/2018 – 7:00 PM END: Tue, 09/25/2018 – 5:00 PM

612 Conference Center

Join researchers in a two day symposium devoted to understanding and beating antibacterial resistant microbes at the University of Illinois, September 24 - 25 2018. Register for free and see the full agenda at <http://outpacesymposium.igb.illinois.edu/>.

**Tuesday, September 25**

Chemical and Biomolecular Engineering, Distinguished Alumni Lecture

Professor John Vohs

University of Pennsylvania

**Nano-Structured Metal Catalysts for High-Temperature Applications**

2:00 PM, 116 RAL

Neuroscience Program

Peyman Golshani, MD/PhD,

John Mazziotta Endowed Chair in Neurology, Associate Professor, Department of Neurology David Geffen School of Medicine

**New Tools to Image Network Dynamics in Models of Disease**

4:00 PM, 1005 Beckman Institute

Materials Science and Engineering Soft Materials

Tooba Shoaib

University of Illinois

**Tribology of soft matter: Adhesive and viscous contributions to hydrogel friction**

Yang Bo

University of Illinois

**Metabolic glycoengineering based gastrointestinal tract labeling for drug delivery**

4:00 PM, 119 MSEB

Inorganic Chem 515 Literature

Clare Leahy

University of Illinois

**Photoactivation of Dinitrogen by Molybdenum Complexes**

4:00 PM, 1024 Chem Annex

**Wednesday, September 26**

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

Professor Bruce Fouke

Geology Department and Director, Roy J. Carver Biotechnology Center

**IGB Core Microscopy: Propelling Discovery in Global Climate Change Research and Translational Medicine**

12:00 PM, 612 IGB Conference Center

PMPB, CPSC 598/IB 513

Dr. Nyree Zerega

Northwestern University

**Pollination in jackfruit (Artocarpus heterophyllus) and its relatives: A tale of fragrant flowers, enormous fruits, tiny flies, fungus and deceit.**

12:00 PM, W-109 Turner Hall

Physical Chemistry

Professor Robert Backer

The Ohio State University

**Visualizing Ultrafast Electron Dynamics at Catalytic Surfaces**

2:00 PM, B102 CLSL

PEEC

Dr. Jed Sparks

Cornell University

**TBA**

4:00 PM, B102 CLSL

Biochemistry Graduate Seminar

Xingcheng Dong, Carter Fellow

University of Illinois

**Brd4 Regulates Nlrc4 Transcription During Inflammasome Activation**

Logan Hurst  
University of Illinois

**VLCFAs Facilitate Vertex Enrichment at the Yeast Vacuole**

4:00 PM, 116 RAL

**Thursday, September 27**

Molecular and Integrative Physiology

Sayeepriyadarshini Anakk, Ph.D

University of Illinois

**Bi(LE)ology: Follow the Yellow Brick Road**

11:00 AM, B102 CLSL

Crop Sciences

Brad Bernhard, Ph. D Student

Crop Sciences, University of Illinois

**Characteristic traits to optimize hybrid performance in narrower row spacing and increased planting densities**

12:00 PM, W-109 Turner Hall

Chemical and Biomolecular Engineering and International Paper Co.

Prof. Pablo Debenedetti

Princeton University

**Evaporation Transitions of Water in Nano-Scale Confinement: Fundamentals and Biophysical Implications**

2:00 PM, 116 RAL

Microbiology

Dr. Kelly Wrighton

Colorado State University

**Uncovering methylamine metabolisms in microbial communities: From the deep biosphere to the gut**

2:30 PM, B102 CLSL

Center for Advanced Study Special Presentation

David Quammen

Author and Journalist

**Redrawing the Tree of Life: Carl Woese and the Revolution He Triggered**4:00 PM, Knight Auditorium, Spurlock Museum

Materials Science and Engineering Hard Materials

Zhelong Jiang

University of Illinois

**A unique copper coordination structure with both mono-and bi-dentate ethylenediamine ligands**

Yu-Tsun Shao

University of Illinois

**Direct visualization of local symmetry and strain in multi-principal-element alloy AI0.1CrFeCoNi**

4:00 PM, 119 MSEB

Materials Chemistry

Professor Todd Emrick

University of Massachusetts

**Materials Chemistry with Functional Polymers**

4:00 PM, 1024 Chem Annex

**Friday, September 28**

Biochemistry

Dr. Roberto Botelho

Ryerson University

**Do phagosomes have an after life?**

12:00 PM, B102 CLSL

Natural Resource and Environmental Sciences

**Three Faculty talks:**

Angela Kent, Associate Professor, Director Program in Ecology, Evolution and Conservation Biology

Lulu Rodriguez, Associate Professor, Agricultural Communications

Robert Schooley, Associate Professor, Natural Resource and Environmental Sciences

4:00 PM, W-109 Turner Hall

Illinois Women in Chemist’s Committee/DOW Chemical

Dr. Stefanie Bumpus

Center for Disease Control

**Opportunities in Science Policy: From the Pentagon to Public Health**

4:00 PM, 1024 CA