Campus-Wide Seminar Listings

**Monday, November 26**

Cell and Developmental Biology Student and Postdoc

Liguo Zhang

University of Illinois

**TSA-seq 2.0 and Applications to Measuring 3D Genome Organization**

12:00 PM, B102 CLSL

Entomology Colloquium

Michael Scharf

Purdue University

**Integrative Toxicology Research in Urban Pest Insects**

4:00 PM, B102 CLSL

Materials Science and Engineering Colloquium

Christopher Lehmann

Research Integrity Office, University of Illinois at Urbana-Champaign

**Ethics and the responsible conduct of research**

4:00 PM, 100 MSEB

Physical Chemistry, Literature

Mr. Troy A Brier - University of Illinois

**Label-free Augmented Microscopy Predicts Fluorescence Images**

Ms. Alison Wallum - University of Illinois

**Advances in Colloidal Quantum Dot Lasing**

Ms. Gopika Gopan – University of Illinois

**Ultrafast 2D IR Spectroscopy of the Excess Proton in Liquid Water**

4:00 PM, 161 Noyes Lab

**Tuesday, November 27**

Carl R. Woese Institute for Genomic Biology

Henry T. Greely, PhD

Stanford Law School, Director, Center for Law and the Biosciences

**Playing with life: Humans and the future of the biosphere**

12:00 PM, 612 IGB Conference Center

Chemical Biology, Final Defense

Mr. Bryon Drown

University of Illinois

**Chemical Approaches to Understanding Small-molecule Accumulation in Bacteria and Poly(ADP-ribosyl)ation**

3:00 PM, 33 RAL

Inorganic Chemistry, Literature

Mr. Christopher Caroff

University of Illinois

**Covalent Bonding in the Late Actinide Elements**

4:00 PM, 1024 Chem Annex

Organic Chemistry, Literature

Mr. Ian Rinehart

University of Illinois

**Key Advances from the Past Decade in Synthetic Methods to Make Oligosaccharides**

4:00 PM, 116 RAL

Neuroscience Program

Judson Chandler, Professor

Department of Neuroscience, Medical University of South Carolina

**Prefrontal Cortical Dysfunction in a Rodent Model of Adolescent Alcohol Exposure**

4:00 PM, 1005 Beckman Institute

**Wednesday, November 28**

Chemical Biology, Final Defense

Mr. Abraham Wang

University of Illinois

**Investigating the biosynthesis of fosfazinomycin**

10:00 AM, 33 RAL

PMPB, CPSC 598/IB 513

Dr. David Mendoza-Cozatl

University of Missouri

Hierarchical regulation of iron (Fe) homeostasis in plants

12:00 PM, W-109 Turner Hall

Cell and Developmental Biology

Dr. Martin Wühr

Lewis-Sigler Institute for Integrative Genomics, Princeton University

**Proteomics Clues to Cell Organization**

12:00 PM, B102 CLSL

Biochemistry Graduate Seminar, Final Defense

William Arnold

University of Illinois

**Enzymology of Lipid Metabolism by CYP2J2 Controlled by Multiple-Ligand Binding Events**

2:00 PM, 419 RAL

Physical Chemistry

Professor Gordana Dukovic

University of Colorado

**Elucidating How Photoexcited Semiconductor Nanocrystals Drive Multi-electron Redox Catalysis**

2:00 PM, B102 CLSL

Biochemistry Graduate Seminar

Lawrence Wang

University of Illinois

**Breast Cancer Resistance, Metastasis, and Therapy: On the Path Toward Eradication**

Tianjiong Yao

University of Illinois

**DNAzymes for amine acylation**

4:00 PM, 116 RAL

**Thursday, November 29**

Molecular & Integrative Physiology

Kevin Hascup, Ph.D.

Southern Illinois University

**Glutamatergic Signaling, Risk Factors, and Therapeutic Strategies for Alzheimer’s Disease**

11:00 AM, B102 CLSL

Crop Sciences

Dr. Kaiyu Guan

Natural Resources & Environmental Sciences, University of Illinois

**Building a Crystal Ball to Predict Crop yield and Crop Water Use**

12:00 PM, W-109 Turner Hall

The Cancer Center at Illinois, Fall 2018 Faculty Seminar Series

Leona Yi-Fan Su, Assistant Professor, University of Illinois

Advertising

**When Science Meets Social Media: Rethinking Science-Public Interfaces**

Celilia Leal, Assistant Professor

Materials Science and Engineering, University of Illinois

**Lipid Membranes and Their Complexity in the Context of nanomedicine Development**

3:00 PM, 4269 BI

Biochemistry Graduate Seminar, Final Defense

Ziqiao Tim Ding

University of Illinois

**Biochemical Characterization of A-Type Cytochrome Oxidase in E. Coli, B. Subtilis and T. Thermophilus**

3:30 PM, 314A RAL

Microbiology

Dr. Lindsey Shaw

University of South Florida

**The Post Antibiotic Era: No ESKAPE**

4:00 PM, B102 CLSL

Organic Chemistry, C. S. Marvel Lecture

Professor Timothy M. Swager

Massachusetts Institute of Technology

**Functional Materials from Bicyclic Bridged Building Blocks**

4:00 PM, 116 RAL

**Friday, November 30**

Biochemistry

Dr. Rebecca Roston

University of Nebraska-Lincoln

**Flexibility, Resilience, and the problems with being positive: Membrane lipid dynamics in low-temperature.**

12:00 PM, B102 CLSL

Microbiology Early Career Researcher Seminar

Dr. Tera Levin

Fred Hutchinson Cancer Research Center

**Inter-microbial interactions shape host physiology and Legionella pathogenesis**

2:00 PM, B102 CLSL

Biological Physics

Arvind Murugan

The University of Chicago

**Transients in physics and biology**

2:00 PM, 144 Loomis Lab

Natural Resources and Environmental Sciences

Dr. Jared Duquette

Illinois Department of Natural Resources

**Ecological Stories of Toothy, Cryptic, and Otherwise Fearful Mammals**

3:00 PM, W-109 Turner Hall

Organic Chemistry, C. S. Marvel Lecture

Professor Timothy M. Swager

Massachusetts Institute of Technology

**Amplification and Selectivity in Chemical Sensors**

4:00 PM, 116 RAL