**Campus-Wide Seminar Listing**

**Monday, September 11th**

Materials Chemistry, Final Defense

Mr. Hsuan-Chin Jonathan Wang

University of Illinois

**pH-Responsive Polymeric Materials for Encapsulation and Triggered Release**

10:30 AM, B124 CLSL

Cell & Developmental Biology

Nayab Abidi

University of Illinois

**The gene brain tumor regulates patterning and growth during regeneration**

12:00 PM, B102 CLSL

Biochemistry Graduate Seminar, Final Defense

Julian Reed

University of Illinois

**Characterizing a Structural and Functional Model of Nitric Oxide Reductase Performing NO and O2 Reduction in Engineered Myglobin**

2:00 PM, B102 CLSL

Neuroscience Program

Stephanie Ceman

University of Illinois

**Of mice and frogs: unraveling translation regulation by the fragile X mental retardation protein Fmrp**

4:00 PM, 1005 Beckman Institute

Entomology Colloquium

Mark Davis

Illinois Natural History Survey, University of Illinois

**Perceiving the imperceptible: Environmental DNA as a tool for assaying difficult to detect biodiversity**

4:00 PM, B102 CLSL

Chemical Biology

Professor Evan Miller

University of California, Berkeley

**Electrophysiology, Unplugged: New Chemical Tools to Interrogate Cell Physiology**

4:00 PM, 116 RAL

Materials Science and Engineering Colloquium

Ken Gall

Mechanical Engineering and Materials, Duke University

**Implementation of new materials into orthopedic implants**

4:00 PM, 100 MSEB

**Tuesday, September 12th**

Biochemistry

Dr. Mikhail Nikiforov

Roswell Park Cancer Center

**Novel Metabolic Targets in Melanoma**

12:00 PM, B102 CLSL

Chemical Imaging and Structures Laboratory

**Indo-US Research Symposium**

11 AM-5PM, 1025 Beckman Institute

\*\*\*Please register at: aayushglobal.org.

**Wednesday, September 13th**

PMPB, CPSC 598/IB 513

Michael Raissig

Postdoctorate, Stanford University

**Developmental innovations of stomatal form and function in grasses.**

12:00 PM, 223 Gregory Hall

Cell & Developmental Biology

Dr. Rachel Smith-Bolton

University of Illinois

**Regulation of Regenerative Growth and Patterning in Drosophila**

12:00 PM, B102 CLSL

Physical Chemistry

Professor Poul Peterson

Cornell

**Giving infrared spectroscopy a boost: new methods for studying interfaces, chirality, and strongly hydrogen-bonded complexes**

2:00 PM, B102 CLSL

PEEC

Tom Canam

Eastern Illinois University

**Fungi for Bioenergy: Polyporales as pretreatment agents for biomass**

4:00 PM, B102 CLSL

**Thursday, September 14th**

Molecular & Integrative Physiology

Larry Chamley, Ph.D.

University of Auckland

**Mom, the fetus IS in control: Extracellular vesicles, things that come off the placenta**

11:00 AM, B102 CLSL

Crop Sciences

Kheeman Kwon, M.S. Student

Crop Sciences, University of Illinois

**The Role of Heterodera Glycines Biotin Synthase (HgBioB)Gene in Soybean Cyst Nematode**

12:00 PM, Room 2 Education Building

Microbiology

Dr. William Petri

University of Virginia School of Medicine

**Innate Immune Protection from Clostridium difficile colitis**

4:00 PM, B102 CLSL

Organic Chemistry

Professor Ron Smaldone

University of Texas, Dallas

**Supramolecular Chemistry for 2D Polymers and 3D Printing**

4:00 PM, 116 RAL

**Friday, September 15th**

Biochemistry – Herbert E. Carter Lecture in Nutritional Biochemistry and Preventive Medicine

Dr. Jared Rutter

University of Utah

**Mitochondria, Metabolism and Cellular Decisions: Entwined in Health and Disease**

12:00 PM, B102 CLSL

Natural Resources and Environmental Sciences

Dr. Jinyun Tang

Climate Sciences Department, Berkeley Lab

**TBA**

3:00 PM, 149 NSRC

Biochemistry – Herbert E. Carter Lecture in Nutritional Biochemistry and Preventive Medicine

Dr. Paul Schimmel

The Scripps Institute

**Nature’s Repurposing of Human tRNA Synthetases for Cell Signaling**

4:00 PM, B102 CLSL