Campus-Wide Seminar Listings

**Monday, October 14**

Cell and Developmental Biology, Final Defense

Phil Kenny

UIUC

**"Molecular Requirements of FMRP and RNA Helicase MOV10 in Translational Regulation"**

12:00 PM, B102 CLSL

Carl R. Woese Institute for Genomic Biology Special Seminar

Dr. Penelope Shihab

CEO and Founder, Monojo Biotech; Skinue.com; Applied Scientific Research Fund  
**"Converging Paths: My Career as a Scientist and an Entrepreneur"**

12:00 PM, 612 IGB Conference Center

Entomology Colloquium

Claudio Gratton

University of Wisconsin-Madison

**"Towards sustainable agricultural landscapes: upending the paradigm"**

4:00PM, B102 CLSL

Materials Science and Engineering Colloquium

Rampi Ramprasad

Materials Science and Engineering, Georgia Tech

**“Polymer informatics: Current status & critical next steps”**

4:00 PM,100 MSEB

**Tuesday, October 15**

Carl R. Woese Institute for Genomic Biology, Fox Family Innovation and Entrepreneurship Lecture

Kevin White, PhD

President of Tempus Labs Inc.; Professor, Department of Human Genetics and Medicine, University of Chicago

**"Turning Science Into Social Impact: How We Built A Computational Genomics Operating System for Treating Cancer"**

12:00 PM, 612 IGB Conference Center

Inorganic Chemistry, Literature

Sophie McClain

UIUC

**"Cobalt Corroles as Electrocatalysts for the Oxygen Reduction Reaction"**

Yiwei Liu

UIUC

**"Biological lanthanide: The unexpected elements of life"**

3:30 PM, 1024 Chem Annex

Organic Chemistry, Literature

Mr. Nicholas Angello

UIUC

**"Halogen Bonding Catalysis"**

116 RAL

Neuroscience Program

Seth A. Ament, Ph.D.

Assistant Professor, Institute for Genome Sciences and Department of Psychiatry,

University of Maryland School of Medicine

**"Systems genomics of neuropsychiatric disorders,"**

4:00 PM, 1005 Beckman Institute

Materials Science and Engineering Soft Materials

Qiujie Zhao  
UIUC

**“Diffusion dynamics and viscoelastic properties of fluorescent-labeled polymerized ionic liquids,”**Brian Jing  
UIUC

**“Conductive vitrimers: Recyclable and healable electrolytes,”**4:00 PM, 119 MSEB

**Wednesday, October 16**

Cell and Developmental Biology

Dr. Prasad Jallepalli

Memorial Sloan Kettering Cancer Center, Sloan Kettering Institute

**"Surfing the Cell Cycle With Chemical Genetics"**

12:00 PM, B102 CLSL

Physiological and Molecular Plant Biology

Lucas Roberts, M.S. student

Crop Sciences, UIUC

**“The Physiology, Mapping, and Prediction of Stable Carbon Isotopes: A Proxy Trait for Water-Use Efficiency in Maize”**

12:00 PM, W-109 Turner Hall

Biochemistry Graduate Seminar

Quan Lam, Westcott Biosciences Fellow

UIUC

**“Tuning the Secondary Coordination Sphere of an Iron-Sulfur Cluster in Artificial Sulfite Reductase”**

Savanna Sharum, Westcott Biosciences Fellow

UIUC

**“Temporal Inhibition of Activity by Optogenetic Control of MAPK Phosphatase 3.”**

4:00 PM, 116 RAL

Ecology, Evolution, & Conservation Biology

Dr. Krishna Veeramah

Stony Brook University

**“The Genomic Basis Of Rapid Freshwater Adaptation In Threespined Stickleback”**

4:00PM, B102 CLSL

Women Chemists Committee Dow Alumni Lecture

Dr. Kristin Finch

Pennsylvania State University

**"From Bench to Boardroom: Making the Transition from Chemist to Academic Administrator”**

4:00 PM, 1024 Chem Annex

**Thursday, October 17**

Molecular and Integrative Physiology Student Seminar

Anushna Sen

UIUC

**"Know the Gaps- Understanding the role of IQGAP in liver metabolism and injury"**

Amanda Weiss

UIUC

**TBA**

11:00 AM, B102 CLSL

Crop Sciences

Dr. Damon Smith

Associate Professor and Extension Specialist, University of Wisconsin at Madison

**“Using Basic Research to Develop Sclerotinia Stem Rot Management Strategies for Soybean Farmers”**12:00 PM, W-109 Turner Hall

Organic Chemistry, Literature

Ms. Jazmin Aguilar-Romero

UIUC

**"DNA Tetrahedra for the Delivery of Anti-Cancer Agents"**

12:00 PM, 163 Noyes Lab

Materials Chemistry

Professor Ou Chen

Brown University

**"Self-assembly of anisotropic nanocrystals from periodic superlattices to aperiodic quasicrystals"**

3:30 PM, 1024 Chem Annex

Materials Science and Engineering Hard Materials  
Nathan Madden  
UIUC

**“Radiation tolerance of nanoporous gadolinium titanate,”**Kisung Kang  
UIUC

**“Magnetocrystalline anisotropy and energy dispersion relations in Fe2As,”**

4:00 PM, 100 MSEB

Microbiology

Dr. Anice Lowen

Emory University School of Medicine

**"Host dependence of influenza A virus reassortment and collective interactions"**

4:00 PM, B102 CLSL

**Friday, October 18**

GSAC & Department of Chemical and Biomolecular Engineering  
**Poster presentations** will begin at 8 a.m. in the B and C atriums of the Chemical and Life Sciences Laboratory.  
**Oral presentations** will begin at 12 p.m. in Room C605 of the Chemical and Life Sciences Laboratory.  
**The awards ceremony** will be at 5 p.m. in Room B102 of the Chemical and Life Sciences Laboratory.

Biological Physics  
Ting Lu  
UIUC  
**"Bottom-up Assembly of Microbial Communities: Modeling, Analysis and Engineering"**2:00 PM, 144 Loomis Lab

Alumni Career Panel: Chemistry & Beyond  
Dr. Michael Garst (B.S., '69)  
Founding Member: PharmaChem Associates, Akrivista, and Whitecap Biosciences  
Dr. Christine Herman (Ph.D., '12, Bailey)   
News Reporter, Illinois Public Media  
Dr. Margaret Kosal (Ph.D., '01, Suslick)  
Associate Professor: Georgia Institute of Technology, Sam Nunn School of International Affairs  
Dr. Brock Siegel (Ph.D., '74, Beak)  
Managing Director: BioInfleXion Point Partners, LLC  
**Illinois Chemistry alumni discuss their experience and careers in medicinal chemistry, biomedical venture capital, entrepreneurship, science journalism, and defense technology.**2:00 pm - 170 Noyes Lab, Reception / 3:00 pm - 217 Noyes Lab, Panel Discussion

Carl R. Woese Institute for Genomic Biology, Seminar of Special Interest

John F. Allen

Research Department of Genetics, Evolution and Environment, University College London

**"Why have chloroplasts and mitochondria retained genomes?"**

4:00 PM, 612 IGB Conference Center

Analytical Chemistry, Literature  
Ms. Catherine (Katie) Brady  
UIUC  
**“Recent Advances in Wearable Electrochemical Biosensors for Real-Time Health Monitoring"**Ms. Khoi Nguyen (Nikki) Hoang  
UIUC  
**"Tip-enhanced Raman Spectroscopy for 2D materials"**4:00 PM, 116 RAL