

Tuesday, November 5, 2019

4:00 p.m. **Professor Katherine Mirica**
Chevron 150 Dartmouth College
Molecular Engineering of Materials for Chemical Sensing & Microelectronics

Thursday, November 7, 2019

2:30 p.m. **Professor Darren Derksen** **Colloquium**
Chevron 150 University of Calgary
*Targeting Protein Function Using Proteolysis-Targeting Chimeras (PROTACs)
-Synthesis and Structure-Activity Relationship Studies*

38th Annual
PITTSBURGH CONFERENCE LECTURE
Professor James Landers
University of Virginia

Thursday, November 14, 2019

Chevron 150 **Colloquium**
2:30 p.m. *Harnessing Microfluidics for a Small Portable, Cost-Effective
System for Ultrafast Forensic DNA Analysis*

LAKSHMI RAMAN LECTURE
Professor Adrian Mulholland
University of Bristol

Tuesday, November 19, 2019

Eberly 307
2:30 p.m. *Multiscale Simulation for Chemical Biology: From Enzyme
Evolution to Interactive Drug Design in Virtual Reality*

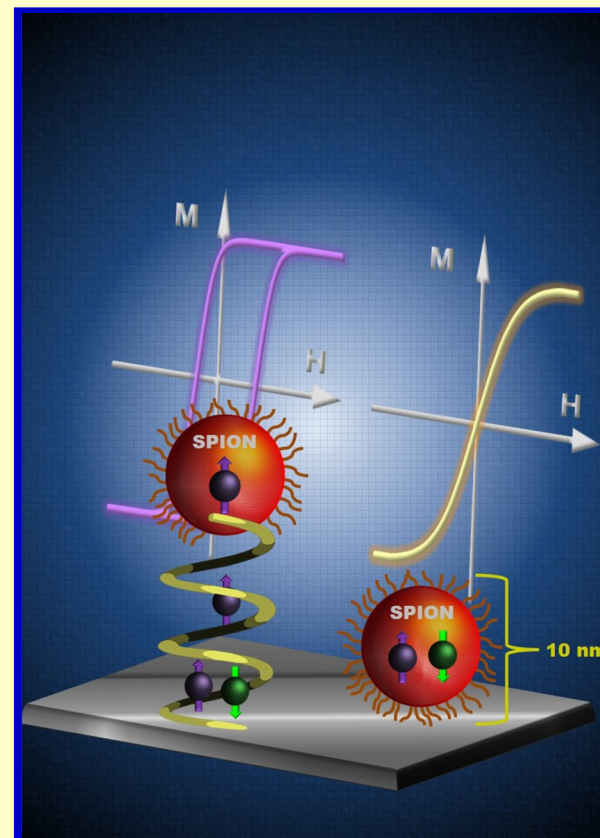
Thursday, November 21, 2019

2:30 p.m. **Professor William Dichtel** **Colloquium**
Chevron 150 Northwestern University
*Dynamic Bonds & Assemblies in 2D Covalent Organic Frameworks &
Related Nanomaterials*

Front Page: This work shows that the assembly of superparamagnetic iron oxide nanoparticles (SPIONs) on chiral polyalanine films creates single domain ferromagnetic nanoparticles. The ferromagnetism is stable at room temperature and represents a novel approach for the miniaturization of ferromagnets (*ca*10 nm) using previously established synthetic protocols. **David Waldeck Group**

Changes in seminar dates, times and location are not unusual. Before visiting the University of Pittsburgh Department of Chemistry for a seminar, please call 412-624-8200 or check www.chem.pitt.edu

University of Pittsburgh Department of Chemistry



CHEMISTRY COLLOQUIA & SEMINARS *September through December* 2019

CHEVRON SCIENCE CENTER
Ashe Auditorium 150

Tuesday, September 3, 2019

2:30 p.m. **Professor Jonathan Sczepanski**
Eberly 307 Texas A&M University
Synthetic Chromatin and Mirror Image Oligonucleotides

Tuesday, September 10, 2019

2:30 p.m. **Professor Martin Kirk**
Eberly 307 University of New Mexico
Donor-Acceptor Systems Provide Insight into Charge Separation, Charge Transport, and Excited State Processes

Thursday, September 12, 2019

4:00 p.m. **Professor Lawrence Ziegler** **Colloquium**
Chevron 150 Boston University
Ultrafast 2DIR Spectroscopy in Dense Gas and Near-Critical Fluids: J-Scrambling, Rovibrational Dynamics and the Onset of Liquid Character

Tuesday, September 17, 2019

2:30 p.m. **Dr. Jonathan Reeves**
Chevron 150 Boehringer Ingelheim
New Reactions from the Process Development of a BACE-1 Inhibitor

Thursday, September 19, 2019

2:30 p.m. **Professor Carolyn Anderson**
Chevron 150 University of Pittsburgh
Metal-Chelate Chemistry and its Impact on Molecular Imaging & Other Diseases

9th Annual
HENRY FRANK LECTURES
Professor Michel Sprik
University of Cambridge

Thursday, September 26, 2019 **Colloquium**
Chevron 150
2:30 p.m. *Electromechanics of the Water Vapour-Liquid Interface*

Friday, September 27, 2019

Benedum 157
2:30 p.m. *From Electrode to Interface Potentials*

Tuesday, October 1, 2019

2:30 p.m. **Professor Nikhil Koratkar**
Eberly 307 Rensselaer Polytechnic Institute
Lithium-Sulfur Batteries: The Next Frontier in Energy Storage

Wednesday, October 2, 2019

2:30 p.m. **Professor Corey Hopkins**
Eberly 307 University of Nebraska
Discovery and Characterization of Novel Small Molecules as Potential First-in-Class Therapeutics

Thursday, October 3, 2019

2:30 p.m. **Professor Shelley Minteer** **Colloquium**
Chevron 150 University of Utah
Enzymatic Bioelectrocatalysis for Electrosynthesis

Tuesday, October 8, 2019

2:30 p.m. **Professor Jefferson Chan**
Eberly 307 University of Illinois, Urbana-Champaign
Expanding the Chemical Toolbox for Non-Invasive Molecular Imaging

Tuesday, October 15, 2019

2:30 p.m. **Professor Qiu Wang**
Chevron 150 Duke University
Leveraging Chemistry for Biology and Therapy: New Strategies to Access Biologically Important Nitrogen-Containing Molecules

Tuesday, October 22, 2019

2:30 p.m. **Dr. Thomas Colacot**
Chevron 150 Millipore Sigma
Emerging Technologies in Cross Coupling and C-H Activated Borylations

Thursday, October 24, 2019

2:30 p.m. **Professor Connie Lu** **Colloquium**
Chevron 150 University of Minnesota
Innovating Bimetallic Active Sites for Small Molecule Activation

Tuesday, October 29, 2019

2:30 p.m. **Professor Sharon Neufeldt**
Eberly 307 Montana State University
Controlling Site Selectivity in Cross Coupling Reactions

33rd Annual
FREDERICK KAUFMAN MEMORIAL
LECTURE SERIES
Professor Barbara Finlayson-Pitts
University of California, Irvine

Thursday, October 31, 2019 **Colloquium**
Chevron 150
2:30 p.m. *Atmospheric Chemistry in the Anthropocene: Sox, NOx and Rocks*

Friday, November 1, 2019

Eberly 206
11:00 a.m. *Melding of Experiment and Theory as the Bedrock of Understanding Current Atmospheric Chemistry Problems*