

**CHEMISTRY SEMINAR SCHEDULE · Fall 2015**

<u>Date &amp; Details</u>	<u>Speaker</u>	<u>Title</u>
Thursday 3 September Prof. Warren Reiss 112, 2:00 pm	Professor Arkadi Vigalok Tel Aviv University, Israel	"Organometallic Fluorine Chemistry: New Reactions and Mechanisms"
Thursday 10 September Prof. Tong Reiss 112, 2:00 pm	Dr. Stephen DeVience University of Maryland	"Nanoscale NMR Spectroscopy and Imaging using Nitrogen Vacancies in Diamond"
Thursday 17 September Prof. Ichiye, Yang & Stoll Reiss 112, 2:00 pm	7th Semester Seminar Talks Georgetown University	Ms. Qiu Huang "Life in Extreme Environments: High Pressure Effects on Proteins"
		Ms. Susette Ingram "Synthetic approaches to iron selenide nanostructures"
		Ms. Bok-Eum Choi "Characterization of novel protein-protein interaction between methyltransferases and outer membrane protein B"
Tuesday 22 September Prof. Weiss & Tong Reiss 112, 2:00 pm	7th Semester Seminar Talks Georgetown University	Mr. Michael Bertocchi "Fluorescence Quenching of Pyrene in a Sterically Shielded Basin"
		Ms. Teresa Duncan "Addition of Short-Chain Glycol Ethers to Poly(vinyl acetate)-Borate Networks for Cleaning Objects of Cultural Heritage"
		Ms. Yanyan Wang "Mechanistic study of oxygen electro-reduction reaction on sulfide-modified Pt nanofilm by in-situ electrochemical infrared spectroscopy"
Thursday 24 September Prof. Tong Reiss 112, 2:00 pm	Dr. Glenn Paulson George Washington University	"The Chemical Control Corporation—A Near-Miss Mass Casualty Event"
Tuesday 29 September Prof. Stoll, Roepe, & Swift Reiss 112, 2:00 pm	7th Semester Seminar Talks Georgetown University	Mr. Vidumin Dahanyake "Metal-oxo Clusters as Potential MRI Contrast Agents"
		Ms. Elizabeth Koch "Temperature Dependent Phase Changes in Thymine Monohydrate Single Crystals"
		Mr. Matthew Hassett "The crucial role of Plasmodium falciparum's Phosphatidylinositol 3-kinase as a drug target"
Thursday 1 October Prof. Holman and Kertesz Reiss 112, 2:00 pm	7th Semester Seminar Talks Georgetown University	Mr. Joseph Ramirez "Reproducible Synthesis of the Elusive ZIF-10 via Introduction of an Apparent Double-Eight Ring (d8r) Template"
		Mr. Zhongyu Mou "Pancake Bonded Phenalenyls"
		Ms. Lili Qiu "The molecular structure and Raman spectra of Cycloparaphenylenes(CPPs) simulated under hydrostatic pressure"
Thursday 8 October Prof. Knope Reiss 112, 2:00 pm	Prof. Tori Forbes University of Iowa	Cancelled
Thursday 15 October Prof. Hahm Reiss 112, 2:00 pm	Prof. Jie Liu Duke University	"Carbon Nanomaterials in Metal Oxide Based Electrodes for Supercapacitors"

Thursday 22 October Prof. Maillard Reiss 112, 2:00 pm	Prof. Christian Kaiser Johns Hopkins University	"Coupling of protein synthesis and folding: Pulling on single nascent chains with optical tweezers"
Thursday 30 October Prof. Warren Reiss 112, 2:00 pm	Ms. Eun (Grace) Jang Thesis Seminar	"Mechanistic Insights into Copper Catalyzed $sp^3$ C-H Functionalization"
Thursday 5 November Prof. Weiss Reiss 112, 2:00 pm	Dr. Mukund Chorghade Chief Scientific Officer at THINQ Pharma	"Chemosynthetic Livers: Predict, Prepare and Prove the Structure, Activity and Toxicity of Drug Metabolites" TBA
Tuesday 10 November Prof. Kaveh Jorabchi Reiss 112, 2:00 pm	Ms. Carina Minardi Thesis Seminar	"Fundamental Investigations and Novel Applications of Electrospray and Gas-Phase Ionizations"
Thursday 12 November Prof. Jennifer Swift Reiss 112, 2:00 pm	Dr. Susan Rutze-Edens Senior Research Advisor at Eli Lilly & Company	"Progress towards in silico solid-state form design"
Thursday 19 November Prof. Tim Warren Reiss 112, 2:00 pm	Prof. Qadir Timerghasin Marquette University	"Molecules with Antagonistic Resonance Structures: S-Nitrosothiols and Beyond"