

Winter 2010

Fall 2009

September 11	FLC Students	"Undergraduate Summer Research & Intern Experiences"
September. 18	Dr. John Kozarich ActivX San Diego, CA	"From Enzyme Chemistry to Proteomic Chemistry – Recrafting Old Ideas into New Tools of Discovery"
October 9	Lucas Mason FLC Alumnus	"Exploring Microfluidic Analytical Chemistry at Colorado State University"
October 16	Dr. Jing Zhou University of Wyoming	"Growth and Morphology of Metal Nanoparticles on CeO _x (111) Thin Films"
October 23	Dr. Biswarup Mukhopadhyay Virginia Tech	"Coenzyme F420 in Microbial Sensing, Detoxification and Cell Wall Biosynthesis – Leads from Methanogenic Archaea and Mycobacteria"
November 6	Dr. Kenny Miller FLC	"The Twelve Principles of Green Chemistry: Applications in Organic Synthesis"
November 13	Dr. Jacqueline Kiplinger Los Alamos Laboratory	"Fun at the Bottom of the Periodic Table with Actinide Organometallic Chemistry"
December 4	Ms. Diane Neff University of Utah FLC Alumna	"Investigation of Electron Induced Disulfide Bond Cleavage Using <i>ab initio</i> Electronic Structure Calculations"

THE FOLLOWING SEMINARS WERE PRESENTED BY OUR SENIORS

Participation in the Seminar Program is a requirement for the Bachelor of Science Degree in Chemistry at Fort Lewis College

January 29	"The Science of Science Fiction: A Realistic Approach to the Existence of Antimatter"
February 12	"Speculative Quark Configurations of Dark Matter Particles Based on Fundamental Mechanisms of Atomic Matter Creation"
February 26	"Graphene: Silicon's Successor"
February 26	"Green Metrics and their Application to Organic Synthesis"
March 5	"The SERS Approach to Explosive Detection: Could it be the Perfect Detector?"
March 19	"Avoiding Disaster: A New and Promising Fluorescent Detection Method of High Explosives"
March 26	"High Bond Order Metal-Metal Interactions: Exploring Quadruple and Quintuple Bonds"
April 2	"Inorganic Polyhedral Metallacarborane Inhibitors of HIV Protease: A New Approach to Overcoming Antiviral Resistance"
April 9	"Magnetizing a Single Molecule"
April 9	"Windows To Tomorrow: Light Absorbing Dyes and Solar Concentrators"
April 16	"Bioinspired nanoengineered vehicles"
April 16	"Honey Bees in Crisis: A Biochemical Examination of the Possible Causes of Colony Collapse Disorder and Potential Cures"