

Fall 2007

September 14	FLC Students	"Undergraduate Summer 2007 Research & Intern Experiences"	February 15	"Photoactive Dendrimers"
September 21	Dr. David 'Tony' Hostutler Director, High Power Gas Laser Center of Excellence	"Diode Pumped Alkali Lasers / Research Opportunities at the Center of Excellence"	February 15	"Light, Matter, and the Future of Materials Design"
October 5	Ron Estler Fort Lewis College	"Bob, Joe and Me" or " Wood, Beetles, Butterflies, Birds, and Nanophotonics"	February 22	"Physical Measurements of Resorcinol, Formaldehyde and Carbon Aerogels"
October 12	Professor Christian Hilty Texas A&M University	"NMR with Hyperpolarized Nuclei"	February 22	"Examination of Lithium Selective Compounds"
October 19	Professor Marion Cass (FLC Alumna, '80) Carleton College	"Animating Molecular Motions to Gain Understanding about Chemical Processes"	February. 29	"Piracetam"
November 2	Professor Tony Rappe Colorado State University	"Theoretical Studies of TiO ₂ Photoreduction of CO ₂ by H ₂ O: Toward a Plausible CO ₂ Sequestrian Model"	March 14	"Photodynamic Therapy"
November 9	Professor Anne Katherine Jones Arizona State University	"Exploring and Exploiting Redox Enzymes"	March 14	"Expanding the use of the Apoptosis Mechanism to Fight Cancer by the Systematic Killing of Cells"
			March 21	"Inhibition of Heat Shock Protein 90 in Cancer Combat"
			March 21	"Reducing Mercury Emissions from Coal Fired Power Plants"
			March 28	Kiumars Shahrokh (FLC Alumni, '03) Dept of Pharmacology and Toxicology University of Utah "The Contribution of Electronic and Conformational Constraints to the Selectivity of P450-catalyzed Oxygenation vs. Dehydrogenation Reaction Mechanisms During Tamoxifen Metabolism"
			March 28	"Ovarian Cancer Relationship with Talc as Compared to Asbestos"
			March 28	"Building Functional Nanowires for Integration into Electronics"
			April 4	"Mesoporous Silica: Medical Applications and Possibilities for the Future"

Winter 2008

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

February 1	"Protein Imposter: Posttranslation Modifications"
February 8	"Ozone on a Plane"
February 8	"Reverse Micelles: Biophysical Tool for Studies of Protein Structure and Dynamics"