

Fall 2014

September 12	FLC Students	"Undergraduate Summer 2014 Research and Intern Experiences"
September 19	Dr. Andrew Cavanagh, CU - Boulder	"In Situ Characterization of Plasma-Assisted Pt ALD on W ALD Adhesion Layers with Spectroscopic Ellipsometry"
September 26	Dr. Richard Finke, Colorado State University	"Critical Reading and Analysis Skills via a Proper Scientific Method"
October 10	Dr. Florence Paillard, FocusBiocom	"From Morphine to Oxycodone – the Biochemical History of Opioid Analgesics and Opioid Addiction"
October 17	Dr. Christopher Palmer, Montana State University	"Particulate Matter Composition as a Measure of Residential Wood Stove Emissions: Analytical Methods and Measurements in Impacted Air Sheds"
October 24	FLC Chemistry Department	"How to Get a Summer Research Position - REU's and Beyond!"
November 10	Callie Cole, CU - Boulder	"Laboratory Astrochemistry: Reaction Kinetics and Dissociation Mechanisms"
November 17	Dr. Ryan Thalman, Brookhaven National Lab	"From the Amazon to the Laboratory: Studies of Atmospheric Gases and Particles"
November 21	Dr. Lisa Ott, California State University - Chico	"Waste Glycerol From Biodiesel: Problem or Opportunity?"
December 5	Dr. Katrina Forest, Univ. of Wisconsin - Madison	"Colorless Green Ideas Sleep Furiously: Structure/Function Studies on a Bacterial Photoreceptor"

Spring 2015

January 23	Ashlee Robison Fort Lewis College	"The Future of Electronic Information Storage: Single Molecule Magnets"
January 30	Isaac Segura Fort Lewis College	"Photodynamic Therapy & Singlet Oxygen: Perhaps There Is Something New Under The Sun"

Spring 2015 (Cont.)

February 6	Atma Spring Fort Lewis College	"Polycondensation of Polymer Brushes via DNA Hybridization: Morphologies' Effect on Nanoscale Delivery Systems for Nucleic Acids"
February 13	Jasmine Park Fort Lewis College	"The Limitations and Advancements of Current Color Reflecting Materials"
	Cooper Semple Fort Lewis College	" μ -Conotoxins: An Exploration into Structure and Interactions with Skeletal Muscle Sodium Channels"
February 20	Melvina Lake Fort Lewis College	"A Look At How Insulin Binds To Its Receptor"
	Audrianna Lee Fort Lewis College	"Copper Transporting ATPase: The Role of ATP7A and ATP7B in Diseases"
February 27	Codie Gaffri Fort Lewis College	"Inhibition of Cathepsin B Decreases Amyloid- β plaques, Thus Improving Memory in Alzheimer's"
	Jason T. McKenzie Fort Lewis College	"Vapor Depositions of Peptide Nanostructures for the Detection of Dopamine Signals"
March 6	Stephanie Williams Fort Lewis College	"Differing Effects of OPRM Variants on the Function of the Mu Opioid Receptor and Its Effect on Addiction and Withdrawal"
	Tehya Smith Fort Lewis College	"Coffee, Caffeine, and Melatonin to Inhibit BACE1 and Delay Alzheimer's Disease"
March 13	Madeline Memovich Fort Lewis College	"Design of Energy Efficient Blue OLED Host Materials"
April 3	Kolette Dayish Fort Lewis College	"Cytotoxic Activity on a Steroidal Glycoside Extracted from <i>Yucca glauca</i> "
	C. Shaun Loveless Fort Lewis College	"Nanomedicine in the 21st Century: Actinium-225 Gold Nanogenerators as a Novel Cancer Intervention"

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