

Fall 2013

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| September 13 | FLC Students | "Undergraduate Summer 2013 Research and Intern Experiences" |
| September 20 | Dr. Trisha Andrew Univ. of Wisconsin - Madison | "Organic Chromophores for Optoelectronic and Spintronic Devices" |
| September 27 | Dr. Jeffrey Kieft Univ. of Colorado School of Medicine | "Molecular Trickery: How a viral RNA can manipulate a cellular machine" |
| October 11 | Andrea Widstrom Fort Lewis College | "How Form Affects Function: Crystal Polymorphism in CL-20" |
| October 18 | Dr. Erik Alexanian Univ. of N. Carolina at Chapel Hill | "New Strategies for Hydrocarbon Functionalization" |
| October 25 | Dr. Michael Findlater, Texas Tech University | "p-Xylene: A Case Study in Organometallic Catalysis" |
| November 8 | Dr. Carla Mattos Northeastern University | "Ras GTPase in the Cell Signaling World: Chemistry, Regulation, and Cancer" |
| November 15 | Dr. Chris Ackerson Colorado State University | "Three Vignettes on the Structure and Reactivity of Ligated Magic Number Gold Clusters" |
| December 6 | Dr. Schuyler van Engelenburg NIH | "Fooling Abbe: How Superresolution Imaging Bypasses the Diffraction Limit Using Chemical Tools" |

Winter 2014

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| January 24 | Allison Knewitz Fort Lewis College | "Bone Augmentation Materials used in Orthopedics with Implementation of Newer Bone Cements" |
| | Amanda Broad Fort Lewis College | " <i>Mycobacterium tuberculosis</i> , A Microbial Killer" |
| January 31 | Pariss Trujillo Fort Lewis College | "Calcium Overload Surrounding A β Plaques May Be an Aberrant Promoter for Progressive Dementia in Alzheimer Disease" |
| | Kayla Allen Fort Lewis College | "Accelerator Production of Alpha Radionuclides" |

Winter 2014 (Cont.)

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| February 7 | Spencer Huffman Fort Lewis College | "A Manifestation of the Law of Moore: Integrating Organic Switches into Molecular Electronics" |
| | Dan Yeager Fort Lewis College | "Innovative New Genetic Therapy Methods Involving Viral Vectors for the Treatment of Type I Diabetes" |
| February 14 | Shawn GreyEyes Fort Lewis College | "Highly Ordered Silica Polymer Synthesis Through Enzymatic Catalysis" |
| | Nick Riley Fort Lewis College | "Optimizing Metal Organic Frameworks for Carbon Dioxide Adsorption" |
| February 21 | Quinton Goffinet Fort Lewis College | "Metamaterials Synthesized via DNA-Programmed Self-Assembly" |
| | Jon Ogle Fort Lewis College | "The Magical Science of Artificial Muscles" |
| February 28 | Summer Davis Fort Lewis College | "A Non-amyloid Based Approach to Treat Alzheimer's Disease Utilizing Phosphodiesterase Inhibition" |
| | Vanessa Charles Fort Lewis College | "The Unique Thermophysical Surface Properties of Nanodiamond Particles and Their Role in the Development of Cancer Drug Delivery Systems" |
| March 7 | Francine Hatathlie Fort Lewis College | "Trichloroethylene Induces Parkinson Disease" |
| | Trevor Doty Fort Lewis College | "Complexation-Ultrafiltration: The Removal of Heavy Metals from Water" |
| March 14 | Antonia Atene Fort Lewis College | "Propofol: Early Mechanism Theories Lay the Foundation for the Discovery of the Binding Site on Mammalian GABAA Receptors by Photolabeling" |
| | Jordan Stelmaszek Fort Lewis College | "Roundup: A Safe or Poisonous Herbicide?" |
| April 4 | Nathaniel Hurd Fort Lewis College | "Ionizing Radiation and You: Ionizing Radiation Induced Pathways that Cause DNA and RNA Strand Breaks" |
| April 11 | Kaila Hart Fort Lewis College | "Advanced Fuel Cells: Metal-Organic Frameworks" |

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