

# Chemistry Department

# Senior Thesis



FRIDAY

DECEMBER 2, 2011

WICK SCIENCE BUILDING

ROOMS 119 & 122

ST. CLOUD STATE UNIVERSITY

CORNER OF EIGHTH STREET AND FIRST AVENUE SOUTH

4:00 P.M. — 7:00 P.M.

## Chemistry Senior Thesis Presentations

Session # 1 WSB-119		
4:00– 4:45	Keun bae Choi	PARAFAC Modeling of Gasoline Composition using TLC Separation and Time-Resolved Fluorescence
4:45 – 5:30	Kayla Helmberger	The Synergistic Effects of Cocktail Medications in HIV Treatment
5:30 – 6:15	Shiva Shrestha	Characterization of DNA Interaction with Metal Complexes by AFM and Characterization of Lignocellulose by IR

Session # 2 WSB-122		
4:00– 4:45	Michael Workman	Novel CAFM Method Developed for Magnetite Surface Topography
4:45 – 5:30	Jeremy Waldner	Androgenetic Alopecia
5:30 – 6:15	Christopher Brezina	Pyrosequencing: DNA Sequencing by Detection of Pyrophosphate Release
6:15 – 7:00	Elizabeth Ong'era	Effects on Activity of ALDH1A1 and ALDH3A1 by Identified ALDH2 Inhibitors