Chemistry and Environmental Sciences 2010 Senior Thesis Symposium
Poster Presentations: 3:00 p.m. Friday April 16, 2010
Crawford Hall Upstairs Gathering Space

Oral Presentations: 9:00 a.m. Saturday April 17, 2010
Crawford Hall Room 306

9:10-9:30 am
Chuck McCready, Sault Ste. Marie, MI
B.S. Applied Geographic Information Science

A Geospatial Distribution Analysis of Michigan Applicants to Lake Superior State University from 2003 through 2008

9:30-9:50 am
Melissa Makranyi, Lewiston, MI
B.A. Pre-Professional Chemistry

Making a Methyl Ester Surrogate of Microcystin-LR as a Standard for Environmental Samples

9:50-1010 am
Rachael Cunningham, Novi, MI
B.S. Environmental Chemistry

Detection of Blastomyces dermatitidis in Soil Using PCR

10:10-10:30 am
Tyler O’Dell, Saline, MI
B.S. Chemistry

High-yielding Synthesis of Chiral Imines Using a Spinning Tube-in-tube Reactor

10:30-10:50 am Break 3rd Floor gathering area; coffee and doughnuts

10:50-11:10 am
Kyle Stockdale, SouthLyon, MI
B.S. Forensic Chemistry

Detection of Ephedrine Concentration in Dietary Supplements

11:10-11:30 am
Leslie Dowell, Burlington, MI
B.S. in Criminal Justice- B.S. Criminalistics and B.S. Forensic Chemistry

A Test for the Presence of Melamine in Pet Food
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11:30-11:50 am
**Marci Savage**, Sault Ste. Marie, ON
B.S. Environmental Chemistry

*Standardization of a Method to Detect PPCPs Using a Fluorescent Derivative*

11:50-12:10 pm
**Matt Deere**, Detroit, MI
B.S. Chemistry

*Quantification of Total Microcystin in Tissue and Sediments Using MMPB*

12:10-12:30 pm
**Chris McKeachnie**, Sault Ste. Marie, ON
B.S. Environmental Health

*Geospatial Analysis of Radon in the State of Michigan*

**Note:** April 22, 2010 12:00 pm Room 304 CRW
**Justin Wilson**, Sault Ste. Marie, MI
B.S. Environmental Health

*Creation and Evaluation of Reed Canary Grass*