

2003 Summer Research at St. Olaf Research Plans Symposium

<i>Time</i>	<i>Presenter(s)</i>	<i>Advisor</i>	<i>Title</i>
8:00	Breakfast Treats in SC Lobby		
8:20	Erin Telste and Laura Berntson	Muth	Investigations of RNA tertiary structure
8:34	Jessica Burtneess and Graeme McAlister	Kandl	What is the reaction between elongation factor EF1A and actin in <i>Saccharomyces cerevisiae</i> ?
8:48	Sara Champlin and Yvonne Yang	Schwinefus	The effects of cosolvents on DNA helix stability
9:02	Karen Galles	Van Wylen	Adenosine-mediated cardioprotection in H9c2 Cells
9:10	Jared Irwin and Bryan Anderson	Hanson	Programming for the NMR spectrometer
9:24	Logan Smith, Erin Peterson, Knut Christianson, Kieran Cofell-Dwyer, Mike Helgen, and Matt Bills	Jacobel and Welch	Summers on ice -- remote sensing studies of ice and climate.
9:41	Johanna Savage, Sarah Solarz, and Liz Ross Cole		Ciliates as model organisms for studies in developmental genetics
10:00	Poster Session (with Food and Drink) in Lobby		
	Will Kleiber, John Nichol, and Mike Bongard	Cederberg, and Nitz	High resolution molecular beam spectroscopy
	Kyle Halvorson & Kirsten Rittenbach	Jackson	Caffeine tracers and personal care product level analyses throughout the Canon River Watershed
	Matt Nyflot and Mike Erickson	Engbrecht	Positronium scattering in gasses
	Alec Otteman and Nguyen-Ngoc Pham	Walter	A fluorescent probe's response to oleic acid and lyso-lipid over a range of pH
	Laura Taylor	Miessler	Synthesis and characterization of molybdenum-tungsten heterodimers involving the ligands [S2C2(CF3)2] (tfd) and [S2CN(CH3)2] (dtc)
	Katherine Van Heuvelen	Miessler	Mixed marriages of the molecular world: synthesis of chromium-molybdenum heterodimers
10:40	Mike Olson and Erica Savage	Rutherford	Using genomics to build a fish experimental model for tuberculosis
10:54	Matt Berkseth	Porterfield	Intraspecific phylogenetic analysis of darter populations
11:02	Katie Huber	Porterfield	Lollipop darters: whose mitochondrial DNA is this
11:10	Jared Walker Smith	Angell	The effects of prairie burning and habitat fragmentation on small mammals.
11:18	April Graves and Lauren Lucas	Swift	Phylogenetic relationships among <i>Chaoborus</i> species
11:32	Bunkhuon Chhun	Henry	The learning ability of <i>Eristalis tenax</i>
11:40	Leah Gross and Alyssa Anderson	Kermott	House Wrens -- the continuing saga
11:54	Leigh Cooper and AmberBeth VanNingen	Shea	Growth of St. Olaf conifers
12:15	Lunch (Quizmo's Subs)		