

Augustana Symposium Schedule, Madsen Center, Augustana College 2010

Time	Session 1 Madsen 201	Session 2 Madsen 202	Session 3 Madsen 253	Session 4 Madsen 257	Session 5 Madsen 264
	Chair: Dr. Lerseth	Chair: Dr. Thompson	Chair: Dr. Miller	Chair: Dr. Weisshaar	Chair: Dr. Wanous
1:00 – 1:15 (15 min)	Peter Schultz, Shelly Hubbling, and Rachel Nelson “What Eases the Agony of Defeat? Comparing Strategies for Sparing Outperformed People's Feelings” Dr. Anne Zell	Zachary Ludens “Who Was in Charge?: Uncovering Evidence of Misadministration in the Bureau of Indian Affairs in the 1870s” Dr. Harry Thompson	Ian Malloy “A Formal Approach to Consciousness” Dr. David O’Hara	Justin Grassmeyer “Synthesis of a Novel Lacto-Isoxazole: A Potential Anti-Fungal Agent” Dr. Jetty Duffy-Matzner	Jared Drenkow “Synthesis and Characterization N-Containing Diarylacetylenes and Their Derivatives” Dr. Barrett Eichler
1:20 – 1:50 (30 min)	Erin Brenden, Livia Fisher, and Ruth Burgers “Elder Service Learning Project” Dr. Mary Isaacson and Vicki Reiff	Rebecca Nelson “China's String of Pearls: China's Power Expansion from the Indian Ocean to the South China Sea” Dr. Joel Johnson	Megan Hasche “Le Surveillant d'absurité; une analyse des contes de Gaëtan Brulotte” Dr. Scott Fish	MacKenzie Beukelman “Comparing Health Systems: A World Power vs. A Struggling National” Dr. Paul Eglund	Heidi Sens and Meredith Reynolds “Identification of chromosome arms influencing expression of the A genome copy of Agp-L in Wheat” Dr. Michael Wanous
1:55 – 2:10 (15 min)	Jesi Palank and Megan Wulf “Effects of Elaboration Style on Vocabulary Acquisition in Preschoolers” Dr. Olivia Lima	Michael Stutelberg “An Alternate Synthesis of Bis(8-quinolinyl) acetylene” Dr. Barrett Eichler	Ian Malloy “A Formal System of Natural Language Processing” Dr. Daniel Swets	David Swanson “Synthesis and Characterization of 1-Butyl-3-Methylimidazolium Derivatives” Drs. Duane Weisshaar and Gary Earl	BreAnna Petersen and Melissa Ulbricht “The Bair Hugger: Effective Warming or Hazardous to Health?” Dr. Mary Isaacson
2:15 – 2:45 (30 min)	Marcia Van Arkel, Rachel Ballard, Renee Martin, and Stephanie Rust “Culturally Competent Sex Education for Native American Adolescents” Dr. Mary Isaacson	Matthew Braithwaite and Jordan Anderson-Daniels “Mechanisms of Platelet Release and Proplatelet Formation from Mature Megakaryocytes” Dr. Mark Larson	Chris Johnson “ <i>Delicatessen</i> de Jeunet et Caro; Les échos inconscients de Vichy sortis d'un enfer filmique intemporel” Dr. Scott Fish	Amy Hulstein “Persecution Stories and the Resurrection Within” Dr. Richard Swanson	Connor Lamberson “Synthesis of One Oxysterol from 7-Dehydrocholesterol Oxidation: A Biologically Active Biomarker for Smith-Lemli-Opitz Syndrome” Dr. Ned A. Porter (off-campus mentor)

2:45 – 3:30	POSTER SESSION Madsen Rotunda See Page 3 for list of speakers/titles				
Time	Session 6 Madsen 201	Session 7 Madsen 202	Session 8 Madsen 253	Session 9 Madsen 257	Session 10 Mad264
	Chair: Lisa Brunick	Chair: Dr. Matzner	Chair: Dr. Isaacson	Chair: Dr. Lerseth	Chair: Dr. Rives
3:25 – 3:40 (15 min)	Bethany D. Zogg and Katie C. Behrens “Investigation of the Stability of Methylcarbonate” Drs. Duane Weisshaar and Gary Earl	Mauri Becker “Investigation of Optimism and Control Within Dental Health Facilities” Dr. Christina DeVita	Bailey Jackson “CIRCLE-cell Infrared Quat Research” Dr. Barrett Eichler	Spencer Ferrell “It's Not Lupus, It's the Whale: A Comparison of <i>House M.D.</i> and <i>Moby-Dick</i> ” Dr. Darcie Rives-East	
3:45 – 4:15 (30 min)	Zachary Ludens “Protecting the Most Precious Gift: How the Forefathers Saw the Natural Aristocracy and Created a Government that Would Provide for its Flourishing” Dr. Joel Johnson	Michael Swanson and Melanie Henry “Nursing Goes to Potsdam (presentation in German and English)” Drs. Stephen Lhotzky and Pamela Schroeder	Thomas Alexander “A Possible Explanation for NuTeV's Anomalous Dimuon Events” Dr. Drew Alton	Jacinta Sutphin “That I May Find You on the Far Horizon” Dr. Scott Fish	John Hokanson “EpEtE and EET Effects on Cardiomyocyte Conractility” Drs. Gregory Shearer and Michael Wanous
4:20 – 4:50 (30 min)	Dani Doran and Hannah Lincoln “Voices of Freedom: Willa Cather, Djuna Barnes, and Dietrich Bonhoeffer” Dr. Darcie Rives-East	Bethany Jochim and Russ Averin “Using Velocity Map Imaging to Understand Controlled Molecular Dynamics” Dr. Eric Wells	Kathryn Olson, Melissa Svartoi, and Crystal Dvoracek “Anorexia Nervosa” Dr. Mary Isaacson	Eric Swanson and Erika Jacobson “Expanding Retrieval's Effectiveness in Aiding Working Memory Capacity in Name Recall for Both Young and Older Adults” Dr. Elizabeth Babcock	
4:55 – 5:10 (15 min)	Brian Juber “Using site-directed mutagenesis to mimic phosphorylation of a DNA photolyase from <i>Chlamydomonas reinhardtii</i> ” Drs. Jason Peterson and Michael Wanous	Dane Rasmussen and Russ Averin “Conductivity of Quaternary Ammonium Ions” Dr. Barrett Eichler	Neal Gregerson “Analyzing the Effect of Shaped Ultra-Fast Laser Pulses on Molecular Fragmentation Using Principal Control Analysis” Dr. Eric Wells	Kenan Tokmic and Elliot Bloom “HPLC Investigation of Methyl Carbonate Stability” Dr. Duane Weisshaar	

List of Poster Presentations

1. Ben Jensen, Marissa Kern, and Blake Ridgway: “Induction of *S. gordonii* AmyB Results in Hydrolysis of Intracellular Stored Glycogen (Dr. Paul Eglund)
2. Rebecca Johnson: “Characterization of *LRP10*, *QSOX1* and *ST14*: MAPcL Genes that are Highly Expressed in Breast Tumors” (Dr. Kristi Eglund, off-campus mentor)
3. Marissa Kern, Ben Jensen, and Blake Ridgway: “GFP Codon Optimization for Expression in *Streptococcus gordonii*” (Dr. Paul Eglund)
4. Huy Nguyen: “Synthesis of a Highly Sensitive Fluorescent Chemosensory Polymer for Detecting Transition Metal Ions” (Dr. Jetty Duffy-Matzner)
5. Rachel Reynen and Mark Buboltz: “Developmental and Gender Differences in Kidney NMDA Receptor Subtypes” (Dr. Michael Wanous)
6. Kyle Tamminga: “Muscular Dystrophy and Skeletal Muscle Regeneration” (Drs. Steven Armstrong and Michael Wanous)
7. Gates Cook: “Identification and Sequencing of the Prairie Cordgrass Caffeate O-Methyltransferase Gene Using Comparative Genomics and Transcriptome Analysis” (Drs. Jose Gonzalez and Michael Wanous)
8. Neil Patel: “Obesity Linked Kidney Disease” (Drs. David Maddox and Michael Wanous)
9. Jeremy Erickson: “Synthesis of 2,3,4,5-Tetraarylsilacyclopentadienes” (Dr. Barrett Eichler)
10. Jonathon Hawkinson and Natalie Ronning: “Hydraulic acclimation and contrasting water use strategies in two cultivars of *Phaseolus vulgaris*” (Dr. Steven Matzner)
11. Jacob Anderson: “Prairie Restoration: Sumac Control at Newton Hills State Park, South Dakota” (Dr. Craig Spencer)
12. Jared Soundy and Jamie Horter: “Omega-3 Fatty Acids and Corticotropin Releasing Factor” (Drs. Patrick Ronan and Michael Wanous)
13. Casey Ortbahn: “Growth Inhibition Properties of Antiprogestin Mifepristone in Cancer Cells: Effect of Doubling Time” (Dr. Carlos M. Telleria, off-campus mentor)
14. Austin VandeBerg: “Polyploidization, Domestication, and Abiotic Stress in Wheat” (Drs. Steven Matzner and Michael Wanous)
15. Elizabeth Day: “Photoionization and photofragmentation of lanthanide chemical vapor deposition precursors in the gas phase” (Dr. Mary T. Berry, off-campus mentor)