

Poster Session 2: Sunday Morning 9:00 - 10:15 am

Presenters Name(s)	Consortium College or University Affiliation	Poster Assignment	Presentation Title
Michelle Logsdon	St Olaf College	P2.1	Alzheimer's Associated Amyloid Precursor Protein Affects Tissue Macrophage and Microglial Levels
Kristian Coerper	University of Chicago	P2.2	Efficacy of Novel Therapy Based in Mirror-Neuron System in Recovery of Motor Deficits after Ischemic Stroke
Tim Lohr	Colorado College	P2.3	Effects of Phytochrome on Photosynthesis, Growth and Reproduction under different light treatments in <i>Arabidopsis thaliana</i>
Stephanie Loria	Augustana College	P2.4	Parental involvement influences satisfaction with major and learning or grade orientation
Beth Lyon and Amanda Muruato	Augustana College	P2.5	Visual interference disrupts intentional remembering, but not forgetting, of images
David Meltzer	Beloit College	P2.6	Effects of Cancer Chemotherapy Drugs on CREB and MAPK Pathways in B Lymphoma Cells
Sarah Mitchell	St Olaf College	P2.7	Stable Isotope Analysis of Niche Specialization in a Hybridizing Complex of Turtles
Robert Muterspaugh	Hope College	P2.8	Isolating pure compounds from seeds of <i>Bocconia frutescens</i> to test for anti-fungal activity
Milan Neeley	University of Chicago	P2.9	When Prey Fight Back: An Analysis of Functional Variation in Passerine Mobbing Calls
Kathryn Nellett	Knox College	P2.10	Juvenile and adults rats do not respond to desipramine or S-citalopram in Forced Swim Test
Shannon Newman	Lawrence University	P2.11	Purification, Function, and Structural Determination of the NBCe1 Transporter, N-terminal isoforms
Nguyen Nguyen	Colorado College	P2.12	Isolation of antibiotic eating bacteria and transformation into <i>Acinetobacter baylyi</i>
SoYeon Park	Knox College	P2.13	Relationship of Amphipods Found in Fire Sponge to the Host Sponge
Marie Pichler	Carthage College	P2.14	Distribution and abundance of aquatic invasive species in Kenosha County, Wisconsin
Ankita Pradhan	University of Chicago	P2.15	The Effect of Bacterial Lysate on Inflammatory Response in Immature Intestinal Epithelial Cells

Nicole Ridgwell	University of Chicago	P2.16	A Basal Thyreophoran (Dinosauria, Ornithischia) from the Tiouraren Formation of the Niger
John Rindfleisch	Beloit College	P2.17	Dividing Embryonic Epithelia: Centroidal Voronoi Analysis of Multiple Divisions
Shane Root	St Olaf College	P2.18	Classical Genetics Approach to the Development of a Tetrahymena thermophila Triple Mutant
Marlene Salgado Ferrer	Grinnell College	P2.19	The effect of high-fat diets on hippocampal leptin-resistance and spatial learning and memory
Holly Schroeder	Lawrence University	P2.20	Identifying Nuclear Protein Targets of Angiogenin
Anne Short	Hope College	P2.21	Identification of Fungistatic Compounds in the Seeds of Phytolacca rivinoides, a Costa Rican Cloud Forest Plant
Robert Sjöholm	Hope College	P2.22	Acetyl Analogs of the Anticancer Agent Combretastatin A4: Synthesis and Biological Evaluation
Ingrid Slette	Hope College	P2.23	Isolation and Identification of Fungistatic Compounds from Seeds of Guettarda poasana
Adam Strick	Beloit College	P2.24	Regulation of CREB Activation in B Lymphocytes by Reactive Oxygen Species
Zheng Su	Grinnell College	P2.25	PGE ₂ -glycerol enhances neurotransmitter release at the vertebrate neuromuscular junction via activation of the TRPV1 receptor
Vijay Tandukar	Grinnell College	P2.26	Optimization of Mass Spectrometric Analysis of proteins
Stephen Thornquist	Washington University	P2.27	Pharmacological Activation of Na ⁺ -Activated K ⁺ Channels to Protect Neurons against Hypoxia-Ischemia
Nathan Treichel	Augustana College	P2.28	The influence of body mass on ammonia excretion rates in Bluegill
Valeriya Vasenina	Beloit College	P2.29	Alterations in the CaV2.1 channel degradation pathway in individuals affected by Spinocerebellar Ataxia Type 6
Erin Voelschow	Luther College	P2.30	Investigating the fruit fly Drosophila melanogaster for use as a model host for Vibrio parahaemolyticus pathogenesis
Alex Wendling	St Olaf College	P2.31	Vertical Movement in Larval Zebrafish
Morgan Wiechmann	Carthage College	P2.32	Distribution and dispersal of invasive plants in Kenosha, WI

Huchuan (Cedric) Xia	Washington University	P2.33	Biomarkers Investigation for Parkinson's Disease: Positron Emission Tomography(PET) Imaging-based Radiotracers
Yang Yang	Beloit College	P2.34	Explore Community Ecology: Analyze Food Webs with Biographer and JavaFoodWeb
JaeHyung Lee	Knox College	P2.35	Structural and Functional Brain Changes Due to Highly Active Antiretroviral Therapy
Yufei Zhu	Washington University	P2.36	Methylation of ARF Tumor Suppressor Promoter in Human Breast Cancer
Kimberly Klein	Augustana College	P2.37	Coactivation may cause interference in second language learners' speech