

PROGRAM 2014

UNIVERSITY OF WISCONSIN—MADISON

Undergraduate Symposium

Celebrating research,
creative endeavor and
service-learning



 an **ideas**
to Excellence event

Undergraduate Symposium 2014

Celebrating Research, Creative Endeavor and Service-Learning

University of Wisconsin–Madison
Union South
April 10, 2014

9:00 a.m. – 5:00 p.m. Registration – Varsity Hall Entrance
Noon – 12:25 p.m. Welcome Remarks and Awards – Varsity Hall

Welcome to Student Participants
Celebrating Undergraduate Education at a Research University
Presentation of Undergraduate Student Mentoring Awards
Christopher Olsen, Interim Vice Provost for Teaching and Learning

Undergraduate Research Awards
Kelli Hughes, Public Services Librarian
College Library

12:30 – 1:45 p.m. Session I: Talks, Project Displays, and Posters
2:00 – 3:15 p.m. Session II: Talks, Project Displays, and Posters
3:30 – 4:45 p.m. Session III: Talks, Project Displays, and Posters
5:00 – 5:30 p.m. Performance Workshop, The Marquee
5:30 – 6:30 p.m. *Ideas to Excellence Reception* – Varsity Hall

Refreshments will be available in Varsity Hall during Sessions I-III.
Light hors d'oeuvres will be served during the *Ideas to Excellence* reception.

We would like to thank our major sponsors and partners:

<i>Brittingham Trust</i>	<i>Undergraduate Academic Awards Office</i>
<i>General Library System</i>	<i>Undergraduate Research Scholars Program</i>
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<i>McNair Scholars Program</i>	<i>Wisconsin Union</i>
<i>Morgridge Center for Public Service</i>	<i>The Writing Center</i>
<i>Office of the Provost</i>	

2014 Undergraduate Symposium Organizing Committee: Jane Harris Cramer, Maya Holtzman, Svetlana Karpe, Kelli Hughes, Linda Kietzer, Laurie Mayberry, Aaron Miller, Christopher Olsen, Janice Rice, Amy Sloane, Julie Stubbs, Malika Taalbi, Beth Tryon, and Berit Ness (coordinator). A special thanks is also extended to Stephanie Diaz de Leon of The Wisconsin Union; Rosemary Bodolay, Patricia Iaccarino, Carrie (Carolyn) Kruse, and Pamela O'Donnell at College Library; and Jeff Crucius of the Division of Information Technology.

Cover photos courtesy Office of University Communications and the Undergraduate Symposium Committee



Performance Workshop

Performance: 5:00 – 5:30 p.m.

MARQUEE THEATRE

Title	Presenters and Mentors
Caregivers' Stories: Successes and Misses in Interactions with Professionals	Andalusia Masad, Elizabeth Larson (Mentor)
Shades	Tiffany Merritt-Brown, Katherine Corby (Mentor)

Key

Format

DI	Digital Salon
PF	Performance
PS	Poster
PR	Project Display
T	Talk

Session Time

I	Session 1: 12:30–1:45 p.m.
II	Session 2: 2:00–3:15 p.m.
III	Session 3: 3:30–4:45 p.m.
PW	Performance Workshop: 5:00–5:30 p.m.

Room

5Q	Fifth Quarter Studio
Ag-A,B	Agriculture-A,B
AL	Alumni
F	Forward
GV	Governance
IN-A,B	Industry-A,B
LM-A,B	Landmark-A,B
MT	Marquee Theatre
NW-A,B	Northwoods-A,B
SC	Scholars
SW	Sift & Winnow
TR	Traditions
VH	Varsity Hall
WI	Wisconsin Idea

Index

Last Name, First	Format	Time	Room	#
Badger, Buckingham	PS	III	VH	123

In this example, Bucky Badger will be presenting a poster during session III from 3:30–4:45 p.m. in Varsity Hall. The poster number is 123.

Talks

Session 1: 12:30 – 1:45 p.m.

SIFT & WINNOW

Title	Presenters and Mentors
Managing the Perception of Foreign Influence on Women's Rights in Morocco	Kaylah Cruz-Herrera, Aili Tripp (Mentor)
Post-Conflict Influences on Gender-Based Violence Legislation in Sub-Saharan Africa	Miriam Kelberg, Aili Tripp (Mentor)
Health by Motorbike	Aubrey Winkie, Araceli Alonso (Mentor)
Fortalezas Familiares: Making Families Stronger	Karina Ovalle Carmen Valdez (Mentor)
A Theoretical Approach to Social Justice	Marriel White, Stephen Quintana (Mentor)

TRADITIONS

Title	Presenters and Mentors
Finding a Better Tool for Nitrogen Determination	Kim Chung, Troy Runge (Mentor)
Mathematical Models for Recombinant Microorganisms Fermentation Processes	Ronghui Zhu, Gheorghe Craciun (Mentor)
Manufacture and Applications of Ultrafiltered, Direct Salted Block Gouda Cheese	Nicholas Lepak, Selvarani Govindasamy-Lucey (Mentor)
Sediment Delivery from Small Agricultural Watersheds During Frozen and Non-Frozen Ground Periods	Daniel Linton, Anita Thompson (Mentor)
Characterization of the Enzyme 3-Dehydroquinate Synthase in the Shikimate Pathway in Plants	Zoe Retzlaff, Hiroshi Maeda (Mentor)
Bumblebee Preference of Novel Colors	Joshua Kluever, Johanne Brunet (Mentor)

WISCONSIN IDEA

Title	Presenters and Mentors
Impact of Natural Organic Matter on the Zeta Potential and Hydrodynamic Diameter of Nanoparticles	Vong Lor, Arielle Mensch (Mentor)
Millimeter-Wave Rotational Spectroscopy and DC Glow Discharge Chemistry of Pyridazine	Joshua Shutter, Brent K. Amberger, Brian J. Esselman, Robert J. McMahon (Mentor), R. Claude Woods (Mentor)
The Effect of Different Pretreatment Methods on Biomass Conversion by Enzymatic Hydrolysis	Shu-Ching Yang, Xuejun Pan (Mentor)
Experimental and Numerical Investigation of Small Solute Chemical Interactions	Lixue Cheng, M Thomas Record (Mentor)
Enabling Iron Pyrite Single Crystals for Solar Energy Conversion Application	Hong-En Chen, Miguel Caban-Acevedo, Song Jin (Mentor)
Separating Hofmeister and Coulombic Effects of Salts on DNA Helix Formation	Yurun Zhang, M Thomas Record (Mentor)

ALUMNI

Title	Presenters and Mentors
Exploring the Cognitive and Neural Foundations of Developmental Dyscalculia	Taylor Shiff, Edward Hubbard (Mentor)
Effect of Globe Enlargement on the Retinal Nerve Fiber Layer of the Eye Using OCT Imaging in Felines	Rachel Sossaman, Gillian McLellan (Mentor)
Directing Axonal Growth and Directionality Using Injectable Neurotrophic Gradient Scaffolds	Susanna Kwok, Matthew Jensen (Mentor)
Methodology of Reactive Astrocyte Model In Vitro	Jin Kwon, Matthew Jensen (Mentor)
Structure/Function Analysis of CIP4 Using Chimeric Proteins Constructed by Gene Soeing	Amanda Price, Erik Dent (Mentor)
The TCDD Induced Activation of Aryl Hydrocarbon Receptor (AHR) Creates Neurovascular Malformations	Erica Christensen, Jessica Plavicki (Mentor)

Talks *continued*

AGRICULTURE A

Title	Presenters and Mentors
Subjective Memory Complaints, Cortical Thinning, and Cognitive Dysfunction in Middle-Aged Adults	Stephanie Schultz, Ozioma Okonkwo (Mentor)
Improvements in the Delivery of Radionuclide Therapy	Sarvesh Periyasamy, Bruce Thomadsen (Mentor)
Evaluation of Fbxo10 as a Candidate Gene of the Breast Cancer Susceptibility Locus Mcs5a	Rachael Baird, Michael Gould (Mentor)
Cellular Reprogramming by Introduction of <i>Erα</i> , FOXA1 and GATA3 to Create Estrogen Responsiveness	Nina Anbouba, Elaine Alarid (Mentor)
Aldehyde Dehydrogenase as Biomarker for Cancer Stem Cells in Head and Neck Squamous Cell Carcinoma	Ebony Carson, Randall Kimple (Mentor)

LANDMARK A

Title	Presenters and Mentors
The Effects of Induced Constitutive Over-Expression and Knockdown of ATF2 in <i>Aedes aegypti</i> Adults	Peter Monteagudo, Susan Paskewitz (Mentor)
Effect of Estradiol on the Organization of Arginine Vasopressin in the Amygdala	Jingyi Chi, Anthony Auger (Mentor)
Comparison of Behavioral Tasks for Quantifying Whisker Function in Rodents: A Systematic Review	Jacob Richie, Matthew Jensen (Mentor)
Social Effects on Parasitic Infection in Nigerian Red-Capped Mangabays	Mason Saari, Julia Slezak, Nick Segel, Sagan Friant (Mentor)

FIFTH QUARTER STUDIO

Title	Presenters and Mentors
Literacy Learning and Identity Construction Over Space and Time	Briana Schwabenbauer, Catherine Lilly (Mentor)
Assessing Assigned Peer Mentor Benefits by Tracking Weekly Interactions	Irene Ford, Ann Haase Kehl (Mentor)
Changing the Way Students Conserve	Colin Higgins, Sabrina Bradshaw (Mentor)
Disclosing Information About Peers to Parents	Kealty Aaryn, B Brown (Mentor)
Influence of Immigrant Background on Literacy and Identity on Children	Gbemi Famule, Catherine Lilly (Mentor)
Student Employment Work Model (SEWM)	Briana Miller, Zoe Dixon, Anna Golackson, Briana Miller, Winston Vakunta, Angela Rosas (Mentor)

LANDMARK B

Title	Presenters and Mentors
Inhibitory Signaling Pathways in the Pancreatic Beta-Cell: Relevance to Diabetes?	Harpreet Brar, Michelle Kimple (Mentor)
Predictors of Refractory Asthma in Obese Patients	Jarjeh Fang, Lawrence Hanrahan (Mentor)
Role of Brain Stearoyl-CoA desaturase-1 in Metabolism, Obesity, and Glucose Homeostasis	Kristin Harrington, James Ntambi (Mentor)
Roles of E-Prostanoid Receptor Isoforms in Insulin Secretion	Zach Dumar, Michelle Kimple (Mentor)

INDUSTRY A

Title	Presenters and Mentors
Negotiating Costa Rican Culture from an American Perspective Towards Global Proficiency	Nicole Pandl, Emily Fahl, Eleanor Gehin, Lucero Serna, Caroline Stevens, Ksenija Bilbija (Mentor)
Decayed, Missing, and Filled Teeth Count in Olanchito, Honduras	Emily Carroll, Carina Lasee, Graham Michaels, Amit Nimunkar (Mentor)
Step-Up: Skills Training in Emergency Practices—UW–Madison Partnerships	Elizabeth Wendt, Heidi Busse (Mentor)
Latin American Mental Health Providers	Luis Gonzalez, Stephen Quintana (Mentor)
Approaches to Vitamin A Deficiency in Sub-Saharan Africa	Melissa Ptak, Heidi Busse (Mentor)

NORTHWOODS B

Title	Presenters and Mentors
Dissent and Discipline: Strategies for Coalition Maintenance in the United States Congress	Andrew Bulovsky, Katherine Walsh (Mentor)
Searching for Native American Sites in Wisconsin Townships	Gideon Hoekstra, Sissel Schroeder (Mentor)
Political Humor and Networks on Twitter	Alisa Lollino, David Lassen (Mentor)
2014 Tribal Environmental Summit	Brittany Cobb, Larry Nesper (Mentor)
The Use of Ciceronian Rhetoric in the American Presidency	Nora Conneely, Daniel Kapust (Mentor)

INDUSTRY B

Title	Presenters and Mentors
Phonological Similarity in the Onset of Compound Words and Human Language Production Choices	Emily Lindeman, Maryellen MacDonald (Mentor)
Audio Visual Integration Training (AVIT)	Alix Ginsburg, Michael Kiewe (Mentor)
Wordlikeness Judgments with Multiple Speakers	Kelly Jorgensen, Jan Edwards (Mentor)
What Do Naming Errors Tell Us About Lexical Abilities of Bilingual and Monolingual Children?	Ellen Anderson, Margarita Kaushanskaya (Mentor)

NORTHWOODS A

Title	Presenters and Mentors
Finding What Sticks. Enhancing Clinical Data to Improve Health Care.	Brian Jun, Lawrence Hanrahan (Mentor)
Communication of Care Needs for Patients with Dementia and Hip Fracture Upon Hospital Discharge	Michelle Burns, Lydia Lemmenes, Andrea Gilmore Bykovskiy (Mentor)
Research on the Influence of the Length of Stay on Residents' Long Term Care Facility Adjustment	Zhiyuan Yu, Ju Yoon (Mentor)
Assessing Patient Education Material on Healthcare-Associated Infections Using a Systematic Approach	Caroline Zellmer, Nasia Safdar (Mentor)
Use of Cognitive Interview in the Development of the Nurse Self-Efficacy with Ambulating Older Patients	Daniel Liebbeit, Barbara King (Mentor)
Is Prenatal Yoga Safe?	Olushola Olukoga, Gudrun Buhnemann (Mentor)

Session 2: 2:00 – 3:15 p.m.

GOVERNANCE

Title	Presenters and Mentors
Beyond the Shadows of Auschwitz: Israel, Iran and the Nuclear Middle East	Jacob Beckert, Rachel Brenner (Mentor)
Jewish Activism at Its Finest: March on Washington 1987	Rebecca Schwab, Rachel Brenner (Mentor)
Antisemitism and the Integration of Holocaust Survivors Into the Madison Community	Eliana Goodman, Rachel Brenner (Mentor)
"Barriers" of Peace? the Impact of Israel's Anti-Terror Strategies on the Peace Conflict	David Glickstein, Katherine Walsh (Mentor)

AGRICULTURE A

Title	Presenters and Mentors
Selective Isolation of Phylogenetically Close Streptomyces with Varying Filament Morphology	Xiaoyang Serene Hu, Kalin Vetsigian (Mentor)
Long Term Population Dynamics of Two "Candidatus Accumulibacter" Clades in EBPR Systems	Yujin Lee, Ben Oyserman (Mentor)
Everyday Traces: Soil Chemistry of Activity in Domestic and Non-Domestic Spaces in Bronze Age Scotland	Joanna Lawrence, Sarah Clayton (Mentor)
Storage and Chemistry of Soil Carbon in Post-Agricultural Forests	Nawaf Alghamdi, Emily Atkinson (Mentor)
Tyrosine Biosynthesis in <i>Medicago truncatula</i> : Characterization of Arogenate Dehydrogenase Activities	Kelly Wallin, Hiroshi Maeda (Mentor)

NORTHWOODS A

Title	Presenters and Mentors
Investigation of the Tribological Properties of Bio-Based Materials Compared to Synthetic Lubricants	Cole Hess, Melih Eriten (Mentor)
Exchange Network for Expanded Polystyrene Bio-Shipping Containers	Jenna Walsh, Emily Baumann, Katelyn Budke, Jared Ottmann, Craig Benson (Mentor)
Wild Yeast Program and Biofuels	Ryan Moriarty, Christopher Hittinger (Mentor)
Utilizing 3D Printing for Recycling	William Milner, Duncan Carlsmith (Mentor)
Comparison of Plastic Deformation Between Aggregate and Recycled Asphalt Pavement (RAP)	Mark Bodnar, Jongwan Eun (Mentor)

LANDMARK A

Title	Presenters and Mentors
Victorian Visual Seriality	Brontë Mansfield, Nancy Marshall (Mentor)
Sap the Cove: Digging Deep	Jenny Quilty, Fred Stonehouse (Mentor)
African American Librarians	Taiyani Hennings, Ethelene Whitmire (Mentor)
Underwood Font Specimen	Jacob Berchem, Dennis Miller (Mentor)
Madison Ghost Walks: A Case Study of Supernatural Tourism in Wisconsin's Capitol	Kylie Schroeder, James Leary (Mentor)
Displaying Hummingbirds: Imitating Nature and Performativity of Collecting Culture in 19th-century Britain	Sur-Han Chang, Nancy Marshall (Mentor)

LANDMARK B

Title	Presenters and Mentors
Claudia Llosa's Films: Caught Between the Local and the Global Market Forces	Nina Longinovic, Guido Podesta (Mentor)
Dane County Community Action Coalition and Its Benefits to Community Gardeners	Caisey Griffith, Erin Skalitzy, Alfonso Morales (Mentor)
A Geography of Violence: A Study Into the Role of Violence in the U.S.-Mexico Border Theater	Christopher Serna, Paola Hernandez (Mentor)

LANDMARK B CONTINUED

Title	Presenters and Mentors
It's Not Cricket: A Cross-Nation Comparison of Online Political Discourse in Sports Forum	Meghan Padron, Gayathri Sivakumar (Mentor)
"On Wisconsin" on WSUM Madison Student Radio	Stephanie Awe, Sarah Hopefl, David Black (Mentor)
Predicting Physical Discomfort Associated with Viewing 3D Films	Taylor Hanley, Christopher Green (Mentor)

NORTHWOODS B

Title	Presenters and Mentors
Characterization of Sox9b Expression and Function in Zebrafish Neural Development	Kevin Miller, Jessica Plavicki (Mentor)
Watching Nascent Protein Release from the Ribosome in Real Time	Brian Arnold, Silvia Cavagnero (Mentor)
The Proliferative Effects of Electroconvulsive Therapy on MBD1 Deficient Mice	Janessa Mladucky, Xinyu Zhao (Mentor)
Characterization of the Effects of Trar, a Regulator of Ribosome Biosynthesis, in <i>Escherichia coli</i>	Tianxiao Han, Saumya Gopalkrishnan (Mentor)
The Dynamic in Vivo Interactions Between PP2A A and B Subunits	Tongyu Wu, Hui Chen (Mentor)
Thermal Analyses of NADPH Binding to Dhfr4 Explores the Effects of Phosphorylation at S221	Drew Gunderson, David Pagliarini (Mentor)

WISCONSIN IDEA

Title	Presenters and Mentors
Young Science Scholars: Putting the "Science" Back in Science Education	Kelsey Melah, Leigh Danner, Dorothea Ledin (Mentor)
Effectiveness of Alternative Schooling	Maxwell Courtright, Kimber Wilkerson (Mentor)
Undergraduates Invested in Improving Biocore Cell Biology Lab Curriculum: A New Approach to Teaching	Chayanne Rosado, Michelle Harris (Mentor)
Toddlers' Learning from Touchscreens	Sarah Crook, Clare Demberger, Fatima Jallow, Emily Kitzerow, Mary Matoba, Heather Kirkorian (Mentor)
Fish for Dummies: Creating an Illustrated Training Manual for Fluorescence In-Situ Hybridization	Bailey Marquardt, Kim Ebner, Chi Hunyh, Nichole Springer, Jasmine Clay (Mentor)
Write to Learn: Combining Nutrition Lessons and Creative Writing for Youth in Ethiopia	Hanna Vadeboncoeur, Jessica Lyga, Heidi Busse (Mentor)

ALUMNI

Title	Presenters and Mentors
Trace and Major Element Variations in a Hydrothermal Alteration Halo	Kyle Erdmann, Paul Brown (Mentor)
Assessing Cloud and Sea Ice Effects on the Arctic Radiation Budget in the Cmp5 Models	Marian Mateling, Tristan L'Ecuyer (Mentor)
Mineralization and Alteration of the Lynne VMS Deposit from Oneida County, Wisconsin	Lauren Lande, Philip Brown (Mentor)
The Effect of Ph on Stable Fe Isotope Exchange and Fractionation Between Aqueous Fe(II) and Goethite	Thiruchelvi Reddy, Clark Johnson (Mentor)
Investigation Into the Distinctions Between Synoptic and Lake Effect Snow Near Marquette, Michigan	Mitch Ziesemer, Tristan L'Ecuyer (Mentor)
Hydraulic Conductivity of Geosynthetic Clay Liners to Synthetic Coal Combustion Product Leachates	Nicholas Jordan, Jiannan Chen (Mentor)

Continued on next page

Talks *continued*

SIFT & WINNOW

Title	Presenters and Mentors
The Relationship Between Selective Attention and Creative Achievement	Ishaan Guptasarma, Igor Lupyán (Mentor)
Strategies to Support Family Mealtimes for Children with ASD	Erin Bradley, Karla Ausderau (Mentor)
The Impact of Children with Autism Spectrum Disorder on the Quality of Marital Interactions	Jasmine Braithwaite, Vincent Sirocchi, Sigan Hartley (Mentor)
Comparison of Behaviors in Adolescent Males and Females with ASD	Sarah Laudon, Leann Smith (Mentor)
Effect of Methylphenidate on Impulsivity and Temporal Discounting	Sarah Weber, Luis Populin (Mentor)
Viewing Emotional Faces Influences Sensory Judgments	Crystal Hanson, Paula Niedenthal (Mentor)

TRADITIONS

Title	Presenters and Mentors
Episodic 5-HT Induces Long-Term Facilitation in Neonatal Rats in Cervical Spinal Cord in Vitro	Nolan Kuenster, Stephen Johnson (Mentor)
Remembering Being: Biotechnology and the Meaningful Life	Benjamin Pauley, Richard Avramenko (Mentor)
The Use of Ocular Hydrogels in Descemet Membrane Endothelial Keratoplasty (DMEK) Surgery	Jacob Blitstein, Matthew Parlato (Mentor)
Alternative Approaches to Surgical Reconstruction of Key Pinch Following Spinal Cord Injury	Stephanie O'Leary, Joseph Towles (Mentor)
Examining the Severity of Surgical Complications from the Perspective of the Patient	Alexander Siy, Emily Winslow (Mentor)
The Role of DNMT on Growth of Cultured DRG Axons After Spinal Cord Injury	Joslyn Strebe, Wil Gibb, Bermans Iskandar (Mentor)

SCHOLARS

Title	Presenters and Mentors
Observation of the Cosmic Ray Shadow of the Sun with Icecube	Geoffery Gilles, Juan Santander (Mentor)
Massive Starburst Galaxies at Intermediate Redshift	Connor Firth, Christina Tremonti (Mentor)
The Foucault Pendulum: A Demonstration of the Earth's Rotation	Joseph Sterle, Duncan Carlsmith (Mentor)
The Hunt for Metal Poor Galaxies in the SDSS-III's Baryon Oscillation Spectroscopic Survey	Tenzin Choedak, Christina Tremonti (Mentor)
High-Performance Computing and Large-Scale Data Challenges in Galactic Astronomy	Daniel Losiniecki, Elena Donghia (Mentor)

FORWARD

Title	Presenters and Mentors
Expression of FABP7, HPGD, or GALNT12 Might Distinguish Murine Colonic Adenomas from Carcinomas	Devon Miller, Richard Halberg (Mentor)
Prevention Healthcare Experiences for Hmong Patients with Limited English Proficiency (LEP)	Tounhia Khang, Elizabeth Jacobs (Mentor)
A Novel Approach to Evaluating the Radial Distensibility of the Large Pulmonary Artery Branches	Joseph Henningsen, Naomi Chesler (Mentor)
Characteristics of Radiation-Induced Changes in Cultured Human Vocal Fold Fibroblasts	Gabrielle Enos, Elizabeth Levendoski (Mentor)
Development of a Pig Model to Study Human Pancreatic Secretory Function and Acute Pancreatitis	Calvin Nauer, Guy Groblewski (Mentor)

FIFTH QUARTER STUDIO

Title	Presenters and Mentors
Delayed Aging in a Pill: Metabolic Analysis of Caloric Restriction Mimetics in Mice	Monica Chou, Rozalyn Anderson (Mentor)
The Role of Gαz in B-Cell Survival and Proliferation During the Development of Diabetes	Mary Thompson, Michelle Kimple (Mentor)
Identification and Characterization of THG-1 as a Trα Coactivator in Expression of AMCH	Drew Birrenkott, Eugene Kaji (Mentor)
Evaluation of Cholecystokinin Activation by Cyclic AMP as a Function of Glucose Dependency	Therese Battiola, Dawn Davis (Mentor)
The Effects of Dynamine Strain on Type 2 Diabetes	Choua Kha, Juliana Maedke, Fan Fan (Mentor)

AGRICULTURE B

Title	Presenters and Mentors
The Accord or the Alliance: Which Agreement Tackles Unsafe Factories?	Pavel Shmelov, Stephen Young (Mentor)
Society of American Indians Research	Rachel Smitz, Larry Nesper (Mentor)
Society of American Indians Members Accomplishments	Yackeline Gonzalez, Larry Nesper (Mentor)
The Short and Difficult Life of Wales' Devolved Government: Was It Always a Legitimate Institution?	Lucille Abrams, Yoshiko Herrera (Mentor)
Black Farmers Contribution to the Black Freedom Movement	Tasi-Jo McFarlane, Monica White (Mentor)

INDUSTRY A

Title	Presenters and Mentors
Our Canid Neighbors: Investigating Coyote and Fox Usage of the UW-Madison Campus	Holly Hovanec, David Drake (Mentor)
Associations Between Body Temperature and Willingness to Approach an Object or Human in Calves	Amy Moy, Amy Stanton (Mentor)
Potential Drivers of Extinction of Mammuthus Primigenius, St. Paul Island, Pribilof Islands, Alaska	Angela Ingrassia, John Williams (Mentor)
Using Archaeological Sites and Past Climatology Data to Predict Mastodon Ecology	Gabriel Valdes, Warren Porter (Mentor)
Optimizing Characteristics of Foraging Devices for the Enrichment of Rhesus Macaques (Macaca mulatta)	Parker Tenpas, Peter Pierre (Mentor)
Grassland Bird Nesting Chronology in Wisconsin	Olivia Cottrell, Michael Guttery (Mentor)

INDUSTRY B

Title	Presenters and Mentors
To Characterize a Novel Retroviral Vector for Studying MBD1 Function in Neuronal Maturation	Laurel Kelnhofer, Xinyu Zhao (Mentor)
RNA Binding Protein HuD Regulates Proliferation and Differentiation of Adult Neural Stem Cells	Eric Polich, Xinyu Zhao (Mentor)
Creation of Novel Human Pluripotent Stem Cell Lines Using RNA-Guided Gene Editing	Ryan Prestil, Krishanu Saha (Mentor)
Studying the Role of Oxidative Stress in Trisomy 21 Neurons Using Induced Pluripotent Stem Cells	Rebecca Reese, A Bhattacharyya (Mentor)
Characterization of Induced Pluripotent Stem Cells from a Down Syndrome Individual	Margaret Medo, A Bhattacharyya (Mentor)

Session 3: 3:30 - 4:45 p.m.

AGRICULTURE B

Title	Presenters and Mentors
Mechanistic Insight Into RtcB - Archease Increases RNA Ligation and Expands NTP Specificity of RtcB	Chin Leng Cheng, Ronald Raines (Mentor)
Fish for Dummies: Creating an Illustrated Training Manual for Fluorescence In-Situ Hybridization	Douglas Chalmers, Francisco Moya Flores (Mentor)
Structural Investigation of the U6/Prp24 Complex	Honghong Liao, Samuel Butcher (Mentor)
Notch1 Expression During Wound Healing is Validated Through Duplicate Experiments	Taylor Lecy, Madhuchanda Roy (Mentor)

LANDMARK A

Title	Presenters and Mentors
How Children Learn Patterns: Directed vs. Exploratory Learning	Carol Coutinho, Charles Kalish (Mentor)
Vanishing Mountains: A History of the Ceramic Industry in Jiajiang, China	Ran Luo, Judd Kinzley (Mentor)
Divine Attributes: Exploring the Nature of God	Hivot Adilow, Jesse Steinberg (Mentor)
Proteomics, Mass Spectrometry, and the Search for Ancient Troy	Cora Betsinger, William Aylward (Mentor)
Troy Project	Bai Yang Wang, Anna Christenson, Duncan Carlsmith (Mentor)

GOVERNANCE

Title	Presenters and Mentors
Sequence Variation and Its Effect on Oxidative Stress Protection in the Retina	Xu James, Akihiro Ikeda (Mentor)
An Application of Metal-Mediated Synthetic Symmetrization in the Study of the Sigma 1 Receptor	Hannah Meddaugh, Brian Fox (Mentor)
Role of PIP ₂ in Vesicle Trafficking	Cesar Martinez, Xuelin Lou (Mentor)
Effect of Blocking Estrogen Related Receptor Alpha on (Ca ²⁺ +i) Oscillations in GnRH Neurons	Samantha Holten, Ei Terasawa-Grilley (Mentor)
Role of Calcium Binding in the Activation of Synaptotagmin I	Stefan Elde, Chantell Evans (Mentor)

SCHOLARS

Title	Presenters and Mentors
Identification of Putative Biomarkers Expressed in Lower Urinary Tract Symptoms Using a Mouse Model	Anatoliy Nechyporenko, Lingjun Li (Mentor)
Decreased Urethral Lumen and Increased Prostatic Ducts in T+E2 Treated Mice Determined by 3D Recon	Qican Weng, Maximiliano Cisneros, William Ricke (Mentor)
The Roles of Aryl Hydrocarbon Receptors on Placental Vessel Formation and Fetal Development	Sohum Mansukhani, Jing Zheng (Mentor)
The Role of NKB and the KNDy Neuronal Network in the Onset of Puberty in the Female Rhesus Monkey	Dustin Richter, Ei Terasawa-Grilley (Mentor)
Avian Cisgenic Modification of MX Gene to Confer Resistance to Avian Influenza	Alissa Milonczyk, Mark Berres (Mentor)

ALUMNI

Title	Presenters and Mentors
The Waterways Project: Providing Arts Integration in Public Education	Allison Levin, Karen McShane-Hellenbrand (Mentor)
Think College Wisconsin	Jesse Galvan, Molly Cooney (Mentor)
Closing the Gender Gap in Math Performance with a Social-Psychological Intervention	Jilana Boston, Judith Harackiewicz (Mentor)
Media Coverage of Cheating in Atlanta Public Schools	Angela Moynan, Erica Turner (Mentor)
Using Drama to Promote Language Development in Elementary ELL's	Amy Bahr, David Furumoto (Mentor)
Individual Differences in Spacing: Promoting Children's Memory by Distributing Learning Across Time	Carla Kraft, Katherine Dunne, Natalie Mickola, Haley Vlach (Mentor)

WISCONSIN IDEA

Title	Presenters and Mentors
Implicit Mindsets' Impact on Personal Beliefs and Academic Performance	Alexander Ash, Bonnie Doren (Mentor)
Cardiorespiratory Fitness, Brain Structure, and Cognition in Adults at Risk for Alzheimer's Disease	Elizabeth Boots, Ozioma Okonkwo (Mentor)
The Effects of Sleep Deprivation on Synaptic Plasticity and Neuronal Excitability	Kalene Jasso, Jeremy Williams, Rama Maganti (Mentor)
Effect of Gaze Direction and Culture on Face Perception	NianJun Shi, Paula Niedenthal (Mentor)
Psychological and Physiological Effects of Stress: Bench to Bedside Implications	Elizabeth Sargent, Andrew Endsley, Benjamin Kopitzke, Natasha Mason, Elizabeth Sargent, Claire Skille, Marcia Slattery (Mentor)

NORTHWOODS B

Title	Presenters and Mentors
The Effect of TGF-Beta on the Growth of the FTC 133 Cell Line	Michelle Pardo, Ricardo Lloyd (Mentor)
Phospholipid Ether Analogs for the Detection of Colorectal Tumors	Molly Maher, Dustin Deming (Mentor)
Wisconsin Brachytherapy Robot Development Project	Jennie Ayling, Andrew Shepard, Bruce Thomadsen (Mentor)
MRI-Derived Numerical Breast Models Suitable for Rapid 3-D Prototype Printing	Adam Strebel, Susan Hagness (Mentor)
Laminin β 2's Interaction with Motorneurons	Zeeshan Yacoob, Randolph Ashton (Mentor)
Histological Methods for Ex Vivo Axon Tracing	Cassandra Heilingoetter, Matthew Jensen (Mentor)

AGRICULTURE A

Title	Presenters and Mentors
Prefrontal Cortical Mu-Opioid Blockade Reverses Motivation and Impulsivity Under High-Hunger States	Curtis Lake, Ryan Selleck, Brian Baldo (Mentor)
Mapping a Drosophila Mutation Associated with the Loss of Dopaminergic Neurons	Kaitlin Weissappel, Daniel Babcock (Mentor)
Localization of GSK-3 β in Response to Rapamycin Treatment	Niraali Lad, Rozalyn Anderson (Mentor)
White Matter Hyperintensities and Physical Activity	Claire Fernandez, Elisa Torres (Mentor)
Treatment-Related Factors and Infections Following Hematopoietic Stem Cell Transplantation	Emily Hussinger, Erin Costanzo (Mentor)

Continued on next page

Talks *continued*

INDUSTRY A

Title	Presenters and Mentors
Hydraulic Conductivity of Polymer-Modified Geosynthetic Clay Liners Using Permeant Salt Solutions	Kori Black, Sabrina Bradshaw (Mentor)
The Effect of Ammonium on the Exchange Complex of Sodium-Bentonite Geosynthetic Clay Liners	Samuel Wilson, Sabrina Bradshaw (Mentor)
Visualization of the 3-Dimensional Structure of Clouds and Water Vapor in the Hurricane Environment	Genevieve Burgess, Robert Knuteson (Mentor)
Sedimentary Carbonate Rocks with Dolomite / Calcite Micro-Laminae: Indicator for Seasonal Change	Yihang Fang, Huifang Xu (Mentor)
Laboratory Apparatus for Evaluating Critical Temperature	Hannah Podzorski, Brett Kravitz, William Likos (Mentor)
Quasi-Geostrophic Role of Shear and Curvature Vorticity Advection in North American Trough Mergers	Zachary Murphy, Jonathan Martin (Mentor)

INDUSTRY B

Title	Presenters and Mentors
Discrimination Lawsuits and Their Outcomes: A Study of Lawsuits in the U.S. from 1991 to 2013	Diane Kee, Mary Triana (Mentor)
Variations in Pay What You Want and Its Effects on Charitable Giving	Daniel Li, Xiang Li (Mentor)
Measuring Emergency Savings	Isaiah Stock, Leah Gjertson (Mentor)
The Effects of Devil's Advocate, Natural Dissent, and Dissent from an Advisor in a Conversation	Cory Washington, Lyn Van Swol (Mentor)
What's in a Name?: Elite Families and Names in American Politics	Caroline Cromer, Jennifer Williams (Mentor)

SIFT & WINNOW

Title	Presenters and Mentors
The Cost of Transferring a Hukou in China	Ling Lei, Samantha Vortherms (Mentor)
China's Authoritarian Regime Against Uyghur Ethnic-Minority Provokes Terrorism	Andrew Park, Katherine Robiadek (Mentor)
Hard and Soft Power in Roman Imperialism	Hanna Schieve, Daniel Kapust (Mentor)
To Open the Grave Or Not? Youth Activism in Post-Dictatorship Argentina and Spain	Cole Bryant, Ksenija Bilbija (Mentor)
Jyotirao Phule's Influence on the Untouchables in India	Benjamin Schneider, James Klausen (Mentor)

NORTHWOODS A

Title	Presenters and Mentors
Research on the Correlation Between Obstructive Sleep Apnea and Asthma	Nicolas Fesser, Oleg Broymann (Mentor)
Application of the Patient Activation Measure (PAM): A Literature Review	Kelly Mcginn, Andrea Gilmore Bykovskiy (Mentor)
Individualized Quality of Life of Hispanics with Heart Problems	Nicole Cancel, Melissa Kadlec, Hector Salazar, Catherine Virnich, Beth Fahlberg (Mentor)
The Sexual Concerns of Kidney and Simultaneous Pancreas and Kidney Transplant Recipients	Jessica Martell, Tasha Crooks, Dami Ko, Rebecca Muehrer (Mentor)
Gender, Gender Expression and Supportive Care in Couples Facing a Cancer Death	Kelly Strawman, Sabeena Cheema, Eunjin Lee, Linda Roberts (Mentor)
Cultivating Elder Independence	Erin Cawley, Anne Ali, Susan Bright, Stephen Campbell, Jenna Ische, Kristin Ksobiech, Erika Marshall, Allison McDonald, Lilia Mendoza, Ellen Neal, Heather O'donnell, Laura Priddy, Ashley Reno, Hannah Stellpflug, Scott Tortomasi, Carolyn Toth, Yvette Egan (Mentor)

FIFTH QUARTER STUDIO

Title	Presenters and Mentors
Effects of Giving Versus Receiving Social Support Among Stem Cell Transplant Recipients	Zhan Luo, Erin Costanzo (Mentor)
Who Knows Best? An Alternative to the Top-Down Approach of Evaluating Medical Technology	Janerra Allen, Linda Hogle (Mentor)
Differentiation of Human Pluripotent Stem Cells Shown to Generate Otic Progenitor Cells	Rebecca Brodziski, Parul Trivedi (Mentor)
Exploring the Mechanisms of MSC-Derived Baff Regulation of IDO Expression	Claudia Goodsett, Peiman Hematti (Mentor)
Micropatterned hESC-Derived Cardiomyocytes Display an Organized Sarcomere Structure	Brett Napiwocki, Wendy Crone (Mentor)

LANDMARK B

Title	Presenters and Mentors
AdPads	Christian Opacich, Kyle Hinke, Katie Shinkle, Brent Hueth (Mentor)
Project HealthDesign	Mulki Nur, Gail Casper (Mentor), Patricia Brennan (Mentor)
Analyzing Flu Trends on UW-Madison Campus Using Smartphone App, Outsmart Flu	Konstantin Rosich, Ajay Sethi (Mentor)
Ubiquitous Keyboard for Small Mobile Devices: Harnessing Multipath Fading for Fine-Grained Keystroke	J.J. Wang, Kaichen Zhao, Xinyu Zhang (Mentor)
Sound Health: Bringing Music to Medicine	Meredith Smalley, Alex Dwyer, Mary Perkinson (Mentor)
Program Evaluation of the eSchoolcare Project	Marley Blood, Michaela Cline, Emily Richards, Danielle Sendelbach, Lori Anderson (Mentor)

TRADITIONS

Title	Presenters and Mentors
Making Receipt Reduction at University of Wisconsin-Madison a Reality	Rachel Feil, Kyla Kaplan, Duncan Carlsmith (Mentor)
prINkart	Minghui Wu, Dan McCammon (Mentor)
Putting Waste in Its Place	Miles Tryon-Petith, Jacob Kositzke, Sabrina Bradshaw (Mentor)
Campus Energy Project: The Fundamentals of Energy Used by the University of Wisconsin-Madison	Eleanor Bloom, Angela Pakes Ahlman (Mentor)
Exploring Mobile Technologies to Support Coastal Heritage Tourism	Ivan Pereda-Zorrilla, David Hart (Mentor)
Decomposing Organic Waste in a Continuous Flow Stirred Tank Reactor	James Olson, Daniel Noguera (Mentor)

FORWARD

Title	Presenters and Mentors
Corn and Soybean Seed Sales: Revenue Analysis	Michael Cayemberg, Brent Hueth (Mentor)
Novel Method for Accelerated Biennial Vegetable Crop Seed Production	Lauren Brzozowski, Irwin Goldman (Mentor)
Dissecting Plant Viral Translation of Triticum Mosaic Virus in Oat Protoplast	Nicole Mihelich, Aurelie Rakotondrafara (Mentor)
Constructing Rescue Vectors for Nod Gene Mutants in Rhizobium Sp. Strain IRBG74	Charles-Etienne Sauve, Matthew Crook (Mentor)
Interactions Between Aromatase Expressing Cells and GnRH Neurons in the Monkey Stalk-Median Eminence	Taylor Cesarz, Ei Terasawa-Grilley (Mentor)

Session 1: 12:30 - 1:45 p.m.

PS#	Title	Presenters and Mentors
1	Political Humor on Twitter	Kyle Acevedo, David Lassen (Mentor)
2	Analysis of Co-Culture Derived Natural Product	Srikar Adibhatla, Navid Adnani (Mentor)
3	Perceiving Fraction Magnitudes	Harim Ahn, Percival Matthews (Mentor)
4	Evaluating Nonstructural Carbohydrates in Cranberry (<i>Vaccinium macrocarpon</i> Ait.) Cultivars and their Role in Fruiting	Emily Beaver, Laura Jull (Mentor)
5	A Society of Inequity	Emma Becher, Emilie Klos, Taylor Robbins, Zack Stachowiak, Audrey Trainor (Mentor)
6	The Role of Regional Dialectal Variation on Lexical Categorization	Rachel Beletti, Emma Fricke, Haley Vlach (Mentor)
7	The Effect of MSN Derivatives on the Mechanical Properties of Acrylic Bone Cement	Christopher Besaw, Juan Vivanco (Mentor)
8	Function and Mechanism of FMRP in Neural Stem Cell Maintenance	Ismat Bhuiyan, Xinyu Zhao (Mentor)
9	Determination If Location of Endometriosis Risk Is at Same Locus in Rhesus Monkeys and Humans	Jack Brady, Joseph Kemnitz (Mentor)
10	Sex Differences in Toddlers with ASD	Anna Bridgeforth, Susan Ellis Weismer (Mentor)
11	Are There Sex Differences in Motivators for OR Engagement in Cardiac Rehabilitation?	Elizabeth Brzycki, Yacob Tedla, Diane Lauver (Mentor)
12	The Role of Chondroitin Sulfate Proteoglycans in Recovery After Focal Cerebral Infarction	Claire-Marie Canda, Matthew Jensen (Mentor)
13	Arogenate and Prephenate Dehydrogenases Involved in Tyrosine Biosynthesis in Soybean	Siyu Chen, Hiroshi Maeda (Mentor)
14	Feasibility Pilot Using iPads for Symptom Management Data Collection	Neal Cragg, Karen Kehl (Mentor)
15	Natural and Human Factors Negatively Affecting the Beluga Whale Populations in North America	Wynn Diels, Amit Nimunkar (Mentor)
16	Management of Mouth Sores in Hematology Patients Receiving Chemotherapy	Stephanie Dinse, Kristine Kwekkeboom (Mentor)
17	Using Different Cell Types to Help Delineate Reprogramming to an Induced Pluripotent State	Michael Diny, Khoa Tran (Mentor)
18	Effects of Aerosols on Radiation	Alyson Douglas, Tristan L'Ecuyer (Mentor)
19	Genomic Editing of Alexander Disease IPS Cell to Generate Isogenic Control Line	Marina Dubovis, Su-Chun Zhang (Mentor)
20	Investigating the Relationship Between Bicaudal-C and Cnot7 in Translational Repression	Thomas Feustel, Michael Sheets (Mentor)
21	Effects of Resveratrol on Glioblastoma Cells	Jonathan Fiala, Arthur Polans (Mentor)
22	Nurses' Experience Caring for Patients with an Implantable Cardioverter Defibrillator	Therese Gedemer, Beth Fahlberg (Mentor)
23	Human Implications of Aging Trends and End of Life Conditions in Rhesus Monkeys	Sheila Ghaniyan, Joseph Kemnitz (Mentor)
24	Differences in Parental Ratings of Child Behavior Problems and the Association with Marital Adjustment	Greta Goetz, Sigán Hartley (Mentor)

PS#	TITLE	Presenters and Mentors
25	Importance of Sleep Quality for the Positive Affect of Mothers of Children with Autism	Megan Gray, Samantha Hageman, Sigán Hartley (Mentor)
26	Why Don't Patients Engage in Cardiac Rehabilitation as Recommended?	Kelly Hanson, Yacob Tedla, Diane Lauver (Mentor)
27	Palmyrene Onomastics	Katelynn Healey, Jeremy Hutton (Mentor)
28	Periodicity of Molluscan Shell Growth Banding	Steven Henning, Benjamin Linzmeier (Mentor)
29	Quantitative Analysis of Artifacts in Volumetric DSA	James Hermus, Charles Mistretta (Mentor)
30	Tyrosine Biosynthesis in Plants: Characterization of Arogenate Dehydrogenase Function in Arabidopsis	Xing Jin, Hiroshi Maeda (Mentor)
31	Exploring Thai Culture Through Costume: Researching Rama's Journey Through Material Culture Analysis	Alexandra Jordee, Emma Noffsinger, Danielle Benden (Mentor)
32	Parents' Perception on the Relationship Between Nutrition and Health in Young Children with ASD	Esha Kamath, Karla Ausderau (Mentor)
33	Converting Wisconsin Geospatial Data to RDF Format	Andrew King, Nancy Wiegand (Mentor)
34	Importance of Anti-Nuclear Power Plant Motivation	Jennifer Le, Toshihiro Higuchi (Mentor)
35	Experimental Investigation of the Copper Catalyzed 1, 3-Halogen Migration Mechanism	Gabriel Le Gros, Nicholas Dolan (Mentor)
36	Biophysical Approach to the Leading Cause of the Breast Cancer: SND1 and MTDH Interaction	Woojong Lee, Yongna Xing (Mentor)
37	Social Discrimination in the Workplace	Silun Li, Mary Triana (Mentor)
38	Investigating Mental Health Symptoms and Treatment Utilization in an Adolescent Twin Sample	Spencer Liebl, Mollie Moore (Mentor)
39	Sleep Quality Predicts Psychological Functioning Following Hematopoietic Stem Cell Transplantation	Alicia Luedtke, Erin Costanzo (Mentor)
40	Slow Food UW Community Partnerships: Strengthening Community Through Healthy Eating in South Madison	Oona Mackesey-Green, Rebecca Wasserman-Olin, Margaret Nellis (Mentor)
41	The Smart Dummy: A Pacifier Design Proposal	Jasmine Maclaughlin, Heidi-Lynn Ploeg (Mentor)
42	Evaluation of the Use of Anti-GD2 BNF Nanoparticles to Selectively Target Neuroblastoma	Meghan McElreath, Dana Baiu, Mario Otto, Dana Baiu (Mentor)
43	Twitter and Politics	Tierra Merritt, David Lassen (Mentor)
44	Comparison of Dried Plasma Spots and Dried Blood Spots for Use in Phenylketonuria Diet Monitoring	Jackson Moran, Mei Baker (Mentor)
45	Beckhoff Safety Designs: Theater Project Display	Nick Munger, Daniel Lisowski (Mentor)
46	Safety Concerns in Cancer Patients Reporting Chemotherapy-Induced Peripheral Neuropathy	Megann Mussatti, Kristine Kwekkeboom (Mentor)
47	Reality-Based Learning Program for Medical Residents/Professionals	Alyx Vogle, Aditya Dewanjee, Saha Sumona (Mentor)
48	Efficacy of a Novel Drug Against Human Prostate Cancer Xenografts	MaryAnne Naundorf, George Wilding (Mentor)

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Posters *continued*

PS#	TITLE	Presenters and Mentors
49	Modulation of Laryngeal Mechanosensory Detection Thresholds with Voice and Interrupted Voice	Stephanie Palm, Michael Hammer (Mentor)
50	Epigenetic Regulation of MMPs by Folic Acid to Alleviate Spinal Cord Injury-Induced Neuropathic Pain	Kush Patel, Jillian Joslin, Lisa Liu, Carrie Nacht, Steven Siegel, Alice Wnuk, Gurwattan Miranpuri (Mentor)
51	Caregiver Disclosure of Parental Incarceration and Children's Attachment Security	Kierra Pettit, Julie Poehlmann (Mentor)
52	Parental Psychosocial Effects of Newborn-Screening and the Intermediate Class of Cystic Fibrosis	Amy Plaza-Baji, Audrey Tluczek (Mentor)
53	Utilizing 19F NMR to Study Ubiquitin Chain Topology	Prashanth Prabakaran, Hongngoc Pham (Mentor)
54	The Impact of TG α and IGF1 on Serous Ovarian Cancer Cell Invasion	Olivia Rice, Pamela Kreeger (Mentor)
55	Role of Synaptotagmin VII in Membrane Repair of Polarized Epithelial Cells	Charles Rodenkirch, Aparna Lakkaraju (Mentor)
56	Children's Thinking Lab: Pattern Recognition	Jessica Rodriguez, Charles Kalish (Mentor)
57	Early Life Stress Exposure and Brain Regions Related to Reward Processing and Inhibitory Control	Alex Rokni, Joanna Swinarska, Seth Pollak (Mentor)
58	Prediction of Vascular Access Dysfunction: Can It Be Taught?	Joel Rosenberg, Alexander Yevzlin (Mentor)
59	Competition as a Learning Motivator in Multiplayer Games	Emanuel Rosu, Constance Squire (Mentor)
60	Evidence-Based Protocol to Prevent Pour	Inna Rybakova, Robin Appel, Karie Zimmerman, Susan Heidrich (Mentor)
61	Sexual Concerns in Gynecological Cancer Survivors: Identifying Needs and Self-Care Strategies	Tara Schuster, Kristine Kwekkeboom (Mentor)
62	Methods of Analyzing Soil Carbon Turnover Rates and Pool Sizes as a Result of Biofuel Crop Treatment	Megan Seeley, Laura Szymanski (Mentor)
63	Enhancing Fluorescence of Wisconsin Infrared Phytofluor?Wi-Phy for Potential Use in Infrared Imaging	Jerad Simmons, Katrina Forest (Mentor)
64	Campus Climate Change Resource	Kyle Smith, Sabrina Bradshaw (Mentor)
65	Quantifying Functional Group Effects of Glycerol and Oligoethylene Glycols on CRO Repressor Folding	Matthew Sternke, M Thomas Record (Mentor)
66	Measurement of the Transmembrane Helix Association in E.Coli Via TOXCAT Assay	Chin Huat Tan, Alessandro Senes (Mentor)
67	Efficient Simulation of Endpoint Conditioned Continuous Time Markov Chains	Yin Tang, Bret Larget (Mentor)
68	Double Dose of MSCs Via IV and Transendocardial Injection on an Acute Myocardial Infarction in a Swine	Nicole Terry, Eric Schmuck (Mentor)
69	Immunotherapeutic Strategies to Improve Allogeneic Bone Marrow Transplant for Neuroblastoma	Kyle Terry, Paul Bates (Mentor)
70	Obesity and Volumetric/Structural Brain Differences	Michelle Tong, Stacey Schaefer (Mentor)
71	Attack Mechanism of the Antimicrobial Peptide Indolicidin on the Cytoplasmic Membrane of E. Coli	Meghan Turner, James Weisshaar (Mentor)
72	Services to Address Feeding Challenges in Young Children with ASD	Sara Twadell, Karla Ausderau (Mentor)
73	Beetles as a Model for Climate Change Responses in Natural Ecosystems	Troy Valle, Sean Schoville (Mentor)

PS#	TITLE	Presenters and Mentors
74	Viral Population's Effect on Candidatus Accumulibacter Phosphatis Clade IA and IIA	Aldo Ventura, Francisco Moya Flores (Mentor)
75	Long:Short RNA Ratios Produced in Transcription Initiation by E. Coli RNA Polymerase	Si Wang, M Thomas Record (Mentor)
76	Sulfur and Calcium's Effects on Alfalfa and Its Common Pathogen Aphanomyces Euteiches	Quinn Watson, Damon Smith (Mentor)
77	Reduced Diphtheria Antibody Concentrations in Lung Transplant Patients	Matt Williams, Mary Hayney (Mentor)
78	The Mechanism of Dosage Compensation in Wild Yeast Strains	Mun Hong Yong, Audrey Gasch (Mentor)
79	Rational Design of H2S Fluorescent Probes from Quantum Chemical Calculations	Yacong Zhou, Donna Bates (Mentor)
80	A Rapamycin-Releasing Perivascular Polymeric Sheath Produces Highly Effective Inhibition of Intimal	Yifan Zhou, Lianwang Guo (Mentor)
81	The Role of Nervous Wreck in Dendritic Branching and Growth in Drosophila	Gregory Zilberg, Kathaleen O'Connor-Giles (Mentor)

Session 2: 2:00 – 3:15 p.m.

PS#	Title	Presenters and Mentors
82	Characterization of Irx4+ Cardiac Progenitors	Luke Adesso, Daryl Nelson (Mentor)
83	Evolution of the Dark Supernatural	Ellen Atterbury, Tomislav Longinovic (Mentor)
84	Perception of Accented vs. Non-Accented Speech by Monolingual and Bilingual Children	Michelle Batko, Margarita Kaushanskaya (Mentor)
85	Understanding Brain Development Through Human Embryonic Stem Cell Gene Knock Out	Michael Battistoni, Jingyuan Cao (Mentor)
86	Generating Stable Cell Lines of HPV-16 E7 Mutants in Human Oral Epithelial Cells Using Vectors	Divya Bhat, Randall Kimple (Mentor)
87	Effects of Estrogen on Pulmonary Vascular Structure and Function in Pulmonary Arterial Hypertension	Madison Boston, Aiping Liu (Mentor)
88	Isolation of Ventricular Progenitor Cells Using Antibody Targeting Cells	Audrey Brown, Mitch Biermann (Mentor)
89	Electrophilic Fluorination of Ynamides	Daniel Bruckbauer, Zhi-Xiong Ma (Mentor)
90	Variation of Blood Flow in Patients with Portal Hypertension	Camilo Campo, Alejandro Roldan (Mentor)
91	5-Fluorouracil Effect on Colon Cancer Cells in Response to Aryl Hydrocarbon Receptor Expression	Patrick Carney, Gregory Kennedy (Mentor)
92	Identifying and Understanding the Mechanisms of Proteins That Interact with Bicaudal-C Protein	Nithin Charly, Michael Sheets (Mentor)
93	The Emergence of the Precedence Effect in Normal Hearing Toddlers	Alexandra Clark, Erin Shannon, Ruth Litovsky (Mentor)
94	The Effect of PGD2 on Insulin Secretion in Beta Cells	Kelsey Connors, Michelle Kimple (Mentor)
95	Nanostructured Layered Dichalcogenides as Catalysts for Hydrogen Evolution	Andrew Daniel, Song Jin (Mentor)
96	The Role of Collapsin Response Mediator Protein 4 (CRMP4) in Axonal Development	William Davis, Mary Halloran (Mentor)
97	Evolution of Phenylalanine Biosynthesis in Plants	Camilla Dornfeld, Hiroshi Maeda (Mentor)
98	Effects of Acute GVHD on Physical and Psychological Functioning After Stem Cell Transplantation	Mackenzie Erdmann, Erin Costanzo (Mentor)

PS#	TITLE	Presenters and Mentors
99	Development of the Hyoid Bone: Fusion and Bone Density	Ellie Fisher, Hourii Vorperian (Mentor)
100	Society of Native Americans 1914 UW-Madison Conference	Alaa Fleifel, Dania Shoukfeh, Larry Nesper (Mentor)
101	Nickel Catalyzed Alpha-Selective Hydroboration of Styrenes Under Mild Conditions	Michael Freidberg, Cale Weatherly (Mentor)
102	The Role of Lymphoid Tyrosine Phosphatase in Neutrophil Chemotaxis	Emily Gasteyer, Anna Huttenlocher (Mentor)
103	Cognitive and Neural Mechanisms of Multisensory Audio-Visual Integration of Number	Grace George, Edward Hubbard (Mentor)
104	Manufacturing of Micropellets Using Rayleigh Disturbances	Kevin Hernandez, William Aquite Aguilar (Mentor)
105	Functional Neural Correlates of Emotion Regulation in Pediatric Post-Traumatic Stress Disorder	Taylor Keding, Ryan Herringa (Mentor)
106	Compassionate Parenting: A Mindful and Caring Approach to Raising Children	Chelsea Kiecker, Colleen Gleason, Karen Krueger, Lindsay Weymouth (Mentor)
107	A Methods Comparison for Measuring Sun Exposure Relevant to Circulating Vitamin D	Taylor Kirby, Corinne Engelman (Mentor)
108	Summertime Response of Air Emissions to Ambient Temperature in the Eastern United States	Ryan Kladar, Teresa Holloway (Mentor)
109	Production of Workable Amounts of Juvenile Hormone Binding Protein	Alexander Koo, Walter Goodman (Mentor)
110	Comparison of Soil Processing Techniques on Potentially Mineralizable Nitrogen	Jake Kruse, Matthew Ruark (Mentor)
111	Aspen Phytochemistry Can Structure Insect Communities	Sophia Lawrence, Hilary Bultman (Mentor)
112	Socially Responsible Investing	Michele Lenz, Kathryn Carroll (Mentor)
113	Munc13-1 C2A Domain Regulates Protein Localization	Emily Lingeman, Thomas Martin (Mentor)
114	Development and Application of a Unified Wide-Angle Oblique Automated Streamflow Imaging System	Yuli Liu, Chin-Hsien Wu (Mentor)
115	Investigating the Role of Drosophila Gene Moody in Neuroprotection	Shu Hui Lye, Stanislava Chtarbanova-Rudloff (Mentor)
116	MBD1 Regulates Neuronal Maturation Through MicroRNA miR-182	Daniel Magyar, Xinyu Zhao (Mentor)
117	Regulation of Gene Expression Using Hypoxia Driven Viral Vectors	Bridget Mais, Corinna Burger (Mentor)
118	Computer Engineering X Jewelry Design: LED Light Pendant Project Display	Keith Maki, Joseph Krachey (Mentor)
119	Stepper Motor Driven Heat Switch for Cryogenic Applications	Brandon Melcher, Peter Timbie (Mentor)
120	Full-Length MHC Class I Novel Allele Discovery in Chinese Rhesus Macaques	Rebecca Morgan, David O'Connor (Mentor)
121	Beyond Intrathecal Pain Management: Targeted Delivery of Biologics within the Spinal Cord	Carrie Nacht, Jillian Joslin, Lisa Liu, Kush Patel, Steven Siegel, Vishavdeep Singh, Gurwattan Miranpuri (Mentor)
122	Investigating the Role of F-Box and SRO Genes in the Plant Innate Immune Response	Jackson Nyman, Brian Keppler (Mentor)
123	Characteristics of the First 10 Words Produced in Toddlers with ASD	Kylie O'Keefe, Susan Ellis Weismer (Mentor)
124	Probing the Relationship Between Promoter Sequence and Open Complex Lifetime and Structure	Trenton Persing, M Thomas Record (Mentor)

PS#	TITLE	Presenters and Mentors
125	PTSD and the Neuroplasticity of White Matter Fiber Tracts: The Effects of Mindfulness Training	Frank Prado, Jack Nitschke (Mentor)
126	Altered Functional Activation Maps in Stroke Patients Due to Neurovascular Uncoupling	Ryan Raut, Vivek Prabhakaran (Mentor)
127	Evaluating Dopamine in the Substantia Nigra of a PINK1 Knockout Rat Model of Parkinson Disease	Brooke Resch, Michelle Ciucci (Mentor)
128	Rural and Urban Cultural Perceptions of Traumatic Brain Injury	Sarah Riedeman, Lyn Turkstra (Mentor)
129	Teen Driving Safety	Bryant Robles, John Lee (Mentor)
130	Relationship Between BMI, Location of Physical Activity, and Gender in Wisconsin Fifth Graders	Melanie Roemer, John Bowser (Mentor)
131	Mutations of GFP to Produce Binding Variants with Cyan and Yellow Fluorescence	Claudia Roen, Eric Shusta (Mentor)
132	Histological Quantification of Neuroinflammation Post Focal Cerebral Infarction: A Systematic Review	Natanya Russek, Matthew Jensen (Mentor)
133	In Vivo Tracking of Human Natural Killer Cells Using Magnetic Resonance Imaging	Erbay Salievski, Christian Capitini (Mentor)
134	Predicting Growth in Lexical Density and Grammatical Complexity in Young Children with ASD	Jessica Schanker, Susan Ellis Weismer (Mentor)
135	Religion and Lawn Care Practices	Mackenzie Schnell, Michael Hernke (Mentor)
136	Production of Fatty Alcohols Using an Industrially Relevant Bacterial Strain	Haley Schoenberger, Mark Politz (Mentor)
137	Spanish-Speaking Patients' Barriers to Preventive Cancer Screening	Michelle Schroeder, Rebecca Schwei, Elizabeth Jacobs (Mentor)
138	Comparing Jailed Parent Offense to Amount and Type of Contact with Child	Abbey Seidel, Katherine Schroeder, Julie Poehlmann (Mentor)
139	Microparticles in Prion Disease Pathogenesis	Dania Shoukfeh, Alexandra Chesney, Hannah Kornely, Joel Pedersen (Mentor)
140	The Role of DNA Sequence in Cellular Localization of the Ribosomal RNA Operons in E.Coli	Alex Sliwicki, Richard Gourse (Mentor)
141	Effect of Global Climate Change and Insect Herbivory on VOC Emission in Populus Tremuloides	Heather Smaby, Kenneth Keefover-Ring (Mentor)
142	Increasing Basic Sanitation at Lweza Primary School, Uganda	Nikki Smith, Natalie Atchison, Stefan Elde, James Ntambi (Mentor)
143	Translating Clinical Guidelines About Calcium Intake Into Practice	Veronica Sommers, Diane Lauver (Mentor)
144	Transitioning Together: An Education and Support Program for Families with Adolescents with ASD	Rebecca Stadler, Catherine Beguin, Dakota Zarak, Leann Smith (Mentor)
145	A Systematic Review of Physical Activity and White Matter Hyperintensities	Emily Strack, Elisa Torres (Mentor)
146	Crosslinking Polymer Modified Magnetic Nanoparticles Using Click Chemistry	David Trebatoski, Donald Stone (Mentor)
147	Nanoparticle Fabrication and Aggregation for the Study of Metalloenzymes Using SERRS	Benjamin Van Domelen, Michelle Killian (Mentor)
148	Xenorhabdus Sp. and Its Insecticidal Effects on Aedes aegypti	Ross Vitek, Justin Clements (Mentor)

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Posters *continued*

PS#	TITLE	Presenters and Mentors
149	Who Uses a Parenting Website? Participation on Parenthetical	Heidi Voelker, Anne Clarkson (Mentor)
150	Can AHL Acylases of <i>P.Syringae</i> Degrade AHLs of Neighboring Microbes?	Rehan Tariq, Ryan Shepherd (Mentor)
151	"Calling All Couples!": Identifying Effective Recruitment Methods for the Study of Romantic Relation	Cecilia Winfield, Lauren Papp (Mentor)
152	Biomass Variation of Flying Insects Around Three Northern Wisconsin Lakes	Touyeng Xiong, Paul Schilke (Mentor)
153	Perceptions of Patients Regarding Transmission-Based Isolation Precautions: a Qualitative Study	Riley Young, Nasia Safdar (Mentor)
154	Mechanisms of DNA Mismatch Repair in <i>Bacillus Subtilis</i>	Elise Zamzow, Sabari Sankar Thirupathy (Mentor)
155	Lectins and the Human Innate Immune System	Luke Zarling, Darryl Wesener (Mentor)
156	Effects of Endothelin-1 and Loading on the Mechanical Properties of Ex Vivo Trabecular Bone	Ryley Zastrow, Aaron Bishop, Heidi-Lynn Ploeg (Mentor)

Session 3: 3:30 – 4:45 p.m.

PS#	Title	Presenters and Mentors
157	Tropical Cyclone Wind Structure Project	Mohamed Amin, Christopher Rozoff (Mentor)
158	High Pressure Carbon Dioxide in Situ Diffraction of Metal Organic Frameworks	Michael Arend, Paul Evans (Mentor)
159	Analysis of 3D-Bioplotting Process Parameters in Producing Scaffolds for Bone Fracture Healing	William Ault, Heidi-Lynn Ploeg (Mentor)
160	Net Zero Dairy Barn Project at UW Arlington Agricultural Research Station	Michael Beeler, V Venkataramanan (Mentor)
161	Afya Ukumbi - Health Theatre in Rural Kenya: A Health by Motorbike Initiative	Tracy Bennett, Brianna Backes, Alonso Araceli (Mentor)
162	Design of an Infant Cariorespiratory (CARE) Monitor for Use in Developing Countries	Drew Birrenkott, Catherine Finedore, Christine Morris, Amit Nimunkar (Mentor)
163	Dispelling the Gaydar Myth: Lesbian and Straight Women's Faces Are Not Visibly Distinct	Alyssa Bischmann, Patricia Devine (Mentor)
164	The Contribution of Neighborhood Built Environment Pollution to Health Disparities Among Children	Candace Bishop, Alexandra Wells (Mentor)
165	Root Colonization of Forage Legumes and Pasture Grasses by Environmental Isolates of <i>E. Coli</i>	Brianna Jeanne Bixler, Taylor Wahlig (Mentor)
166	Rhogdi and the Single Cell Wound Healing Process	Katie Brow, Kevin Sonnemann (Mentor)
167	Not Everything Is as It Seems: Perspectives of Immigrant Families in Life and Literature	Luis Cid-Ramirez, Catherine Lilly (Mentor)
168	Multi-Methods Approach for Domain-Specific Grounding: An ITS for Connection Making in Chemistry	Brady Cleveland, Martina Rau (Mentor)
169	Effects of Cortisol on Memory and Related Brain Activity	Mark Dennison, Heather Abercrombie (Mentor)
170	Development of a Xylose Fermenting Gamma-Valerolactone Resistant Yeast Strain	Quinn Dickinson, Jeffrey Piotrowski (Mentor)
171	Video Game Tutorials and Learning: An Analysis of Tutorial Game Design Using Gee's Learning Principles	Jonathan Elmergreen, Jacob Benford, Luca Brilli, Simon Casey, Kyle Ferris, Thai Thao, Mikaela Wallin, Annie Yang, Doris Yang, Jonathan Elmergreen (Mentor)
172	Internal Motivation to Respond without Sexism: Affect and Confrontation	Lynnsey Erickson, Patricia Devine (Mentor)

PS#	TITLE	Presenters and Mentors
173	Removal of Nitrogen Through a Photobioreactor	Lianne Estrella, Ben Oyserman (Mentor)
174	Comparing Systemic Cheating in Chicago and Atlanta School District Organizations	Benjamin Fan, Erica Turner (Mentor)
175	Defining Expertise Among Teachers of Students with Severe Disabilities and First-Year Teachers' Comfort	Remington Finn, Risharda Bond, Andrea Ruppap (Mentor)
176	Cranberry Pollination in Wisconsin: Does Hive Location Impact Honeybee Pollination Efficiency?	Tressa Franzmeier, Christelle Guedot (Mentor)
177	Cytoplasmic Interactions of the Antiviral Protein APOBEC3G with HIV-1: A Visual Approach	Stephanie Fricke, Nathan Sherer (Mentor)
178	Age-Related Biomarkers in Calorie Restricted and Unrestricted Populations of Rhesus Macaques	Jenna Green, Joseph Kemnitz (Mentor)
179	Synergy of Radiation and Immunotherapy in Syngeneic Murine Tumor Models	Monica Gressett, Paul Sondel (Mentor)
180	A Symbolic Revolution	Project Display Morgan Haefner, Funda Derin (Mentor)
181	What Is the Best Histological Method to Quantify Cerebral Infarction Volume?	Crystal Hall, Matthew Jensen (Mentor)
182	Mechanistic Exploration of Maternal Touch: Ligand Independent Activation of Estrogen Receptor Alpha	Margaret Hayne, Tyler Grawien, Anthony Auger (Mentor)
183	Novel MHC Class II Allele Discovery in Pigtail Macaques	Katelyn Heimbruch, Julie Karl (Mentor)
184	Production of Recombinant TEV Protease	Claire Hintz, Walter Goodman (Mentor)
185	Biopsychosocial Predictors of Pain Among Women Recovering from Surgery for Gynecologic Cancer	Kelsey Honerlaw, Erin Costanzo (Mentor)
186	Decision-Making: Motivations Behind Charitable Giving	Carrie Ip, Anya Samak (Mentor)
187	Sleep Quality Predicts Physical Functioning Following Hematopoietic Stem Cell Transplantation	Ashley Santilli, Erin Costanzo (Mentor)
188	Canine Ligament Degeneration	Lisa Kohli, Walter Block (Mentor)
189	Testing the Power of a Haplotype Sharing Statistic for Use in Population Genomics	Jeremy Lange, John Pool (Mentor)
190	Establishing Systems to Examine Anti-Tumor Efficacy and Immune Inhibition of TK Inhibitors	Lauren Lever, Paul Sondel (Mentor)
191	Indirect Photodegradation of Lampricides	Laura Linde, Christina Remucal (Mentor)
192	Visual Anonymity: Automated Human Face Blurring for Privacy-Preserving Digital Videos	Zihao Liu, Zexi Liu, Hao Meng, Yao Mu, Yu Hu (Mentor)
193	Challenges Faced by Young Children When Visiting an Incarcerated Parent	Rachel Massart, Stephanie Metz, Julie Poehlmann (Mentor)
194	The Social Dimension of Human Attachment	Pablo Montes, Alice Goffman (Mentor)
195	13C/12C Delta Value of Neonatal Breath as Early Biomarker of Infection Related to Chorioamnionitis	Allison Nackers, De-Ann Pillers (Mentor)
196	Best Green Practices Manual	Brenna O'Halloran, Laura Linde, Sabrina Bradshaw (Mentor)

PS#	TITLE	Presenters and Mentors
197	Peer Network and Peer Support Interventions to Enhance Relationships and Involvement in High School	Manjari Ojha, Estefanie Becerra, Colleen Moss (Mentor)
198	Assessment of the Difference in Bee (Bombus) Use of Foraging Areas by Time and Habitat Type	Jay Osvatic, Johanne Brunet (Mentor)
199	The Effect of Iron Deficiency on Auditory Evoked Potentials in Infant Rhesus Monkeys, Macaca Mulatta	Emma Svenson, Christopher Coe (Mentor)
200	Maximization of Natural Killer Cell Killing in Tumor-Peripheral Blood Mononuclear Cell Co-Culture	Emily Phillips, Paul Sondel (Mentor)
201	It's Not Cricket: A Cross-Nation Comparison of Online Political Discourse in a Sports Forum	Olivia Pitzo, Gayathri Sivakumar (Mentor)
202	Factors Affecting Growth in a High Tunnel Raspberry System	Michael Polkoff, Beth Workmaster (Mentor)
203	Differentiating Induced Pluripotent Stem Cells of Down Syndrome Patients Into Gaba Interneurons	Project Display Aisha Prasad, A Bhattacharyya (Mentor)
204	The Escherichia Coli Tol-Pal Complex Is Essential for the Positioning of Proteins at the Cell Poles	Madhusudan Rajendran, Douglas Weibel (Mentor)
205	The Relationship of Mindful Eating with Healthy Lifestyle Factors and Emotion	Ellen Ringle, Lisa Flook (Mentor)
206	Screening Drosophila Embryonic-Viable Deficiencies for Defects in Synaptic Growth	Elizabeth Roeske, Kathaleen Oconnor-Giles (Mentor)
207	Role of TFG Oligomerization in Cell Transformation	Alexander Salmon, Anjon Audhya (Mentor)
208	Estrogen Attenuates Pulmonary Artery Remodeling in a Mouse Model of PAH	Tony Schmitz, Aiping Liu (Mentor)
209	High Speed Radio Frequency Detection of Bilipid Membrane Formation and Ion Channel Actuation	Arjun Seshadri, Robert Blick (Mentor)
210	The Effect of CLR1404 on Cell Viability in Human Neuroblastoma Tumor Cell Lines	Sorabh Singhal, Dana Baiu, Mario Otto, Dana Baiu (Mentor)
211	Functional Significance of Nervous Wreck and Sorting Nexin Interaction at Drosophila NMJ	Samantha Sison, Fiona Ukken (Mentor)
212	Memory Formation: Moments Matter	Chelsea Siwik, Heather Abercrombie (Mentor)
213	Acceptability of Long-Acting Reversible Contraception (LARC) Among Young Women in Dane County	Grace Skarda, Jennifer Higgins (Mentor)
214	Does Soy Infant Formula Exacerbate Seizures in Fragile X Mice?	Lauren Steinberg, Cara Westmark (Mentor)
215	Sexexpectations Part II - Young Adult Females' Responses to Male "Sexexpectations" Online	Mara Stewart, Heather Royer (Mentor)
216	Active Student Emergency Response Team Youth Conference	Zoe Storck, Rachel Brodhead, Jason Dietz, Sean Fleming, Sam Grow, Katja Kane Foempe, Abby Schenian, Joshua Ross (Mentor)
217	How Cortical Thickness Correlates to Executive Function Through HVLt, BVMT, and Trails Making Test	Maggie Sundstrom, Vivek Prabhakaran (Mentor)
218	Speech Acoustics and Anatomy in Typically Developing Children and Children with Down Syndrome	Allison Petska, Houri Vorperian (Mentor)
219	Speech Intelligibility and Vowel Acoustic Space in Speakers with Down Syndrome	Alyssa Wild, Houri Vorperian (Mentor)
220	Children's Understanding of Disability	Ana Thormann, Stephen Quintana (Mentor)

PS#	TITLE	Presenters and Mentors
221	Systematic Review of Physical Activity and White Matter Hyperintensities in Depression	Tyler Tumej, Elisa Torres (Mentor)
222	The Effects of CCKA-Receptor Knockdown on Er-Stress Induced Apoptosis of Beta Cells	Heidi Umhoefer, Dawn Davis (Mentor)
223	The Isolation and Identification of the Mosquito Larvicidal Protein Secreted by Xenorhabdus Sp.	Elizabeth Vang, Que Lan (Mentor)
224	Immunity in Accumulibacter Phosphatis: Characterization of Crispr-Systems and Analysis of Phage	Daniel Vigil, Francisco Moya Flores (Mentor)
225	Membrane Bioreactor Method of EBPR Research	Mark Vogt, Ben Oyserman (Mentor)
226	Characterizing Dopaminergic Neuron Loss in Drosophila Scarlet Mutants	Katherine Waldeck, Daniel Babcock (Mentor)
227	Age-Dependent Microglial Activation and Response to Minocycline Treatment After Hypoxic-Ischemia	Alex Waldman, Peter Ferrazzano (Mentor)
228	Determining Gestational Age of Canine Fetuses Using Ultrasonography: A Data Comparison	Alicia Walker, Celina Checura (Mentor)
229	Osmolyte Releasing Protein Transfection Agents	Kevin Walters, Matthew Aronoff (Mentor)
230	Hivemind	Tenzin Wangdhen, Duncan Carlsmith (Mentor)
231	ASCT Narratives: Children with Incarcerated Parents	Nicole Wargon, Melissa Hantman, Hilary Runion (Mentor)
232	Cell-To-Cell Variability in Cardiomyocyte Contractile Properties: Effects of Age and Substrate	Mac Weninger, Gary Diffeo (Mentor)
233	Characterizing Functions of the Proline-Rich-Repeat Domain in UBQLN2	Logan Wilz, Randal Tibbetts (Mentor)
234	A Retrospective Analysis of the Oncept Melanoma Vaccine for Canine Oral Melanoma: an Interim Report	Stephanie Woodfill, Michelle Turek (Mentor)
235	Cherenkov Telescope Array: a Next-Generation Telescope for Very-High-Energy Gamma Ray Photons	Tianyao Wu, Laura Brandt, Justin Vandenbroucke (Mentor)
236	Super Efficient Way to Save Lives in OR Room	Jie Wu, Jiamin Chen, Bingjie Liu, Tingmao Wang, Jingshan Li (Mentor)
237	Reviewing Different Methods of Analyzing Hand Level Activity	Linda Yang
238	Pollen Viability of Conventional and Roundup Ready Alfalfa Varying with Temperature and Time	Ross Ziobro, Johanne Brunet (Mentor)
239	The Effect of Climate Warming on Tree Growth and Foliar Nitrogen	Patrick Bass, Mary Jamieson (Mentor)
240	Photocatalytic Synthesis of Dihydrobenzofurans by Oxidative [3+2] Cycloaddition of Phenols	Sarah Nordeen, Tehshik Yoon (Mentor)
241	Letter Categorization: A Neglected Hurdle in Learning to Read	Megan O'Callaghan, Mark Seidenberg (Mentor)
242	Effect of TBI on Disease Progression in a Drosophila Model of Tauopathy	Pamela Xiyao Song, Carin Loewen (Mentor)
243	American Black Bear Aging and Diet	Cecilia Mecozzi, Rebecca Kirby (Mentor)
244	Excavating in Collections: A Re-discovery and Analysis of Archaeological Guatemalan Ceramics	Tasia Williams, Danielle Benden (Mentor)
245	Vitamin A Levels in Piglet Tissues as a Function of Dose Time	Nivedita Nair, Michael Grahn (Mentor)

2014 Student Presenters

Last Name, First	Type	Time	Room	Poster#	Last Name, First	Format	Time	Room	Poster#	Last Name, First	Format	Time	Room	Poster#
Aaryn, Kealty	T	I	5Q		Bishop, Candace	PS	III	VH	164	Cheng, Lixue	T	I	WI	
Abrams, Lucille	T	II	Ag B		Bixler, Brianna Jeanne	PS	III	VH	165	Cheng, Chin Leng	T	III	Ag B	
Acevedo, Kyle	PS	I	VH	1	Black, Kori	T	III	IN A		Chesney, Alexandra	PS	II	VH	139
Addesso, Luke	PS	II	VH	82	Blitstein, Jacob	T	II	TR		Chi, Jingyi	T	I	LM A	
Adibhatla, Srikar	PS	I	VH	2	Blood, Marley	T	III	LM B		Choedak, Tenzin	T	II	SC	
Adilow, Hiwot	T	III	LM A		Bloom, Eleanor	T	III	TR		Chou, Monica	T	II	5Q	
Ahn, Harim	PS	I	VH	3	Bodnar, Mark	T	II	NW A		Christensen, Erica	T	I	AL	
Alghamdi, Nawaf	T	II	Ag A		Bond, Risharda	PS	III	VH	175	Christenson, Anna	T	III	LM A	
Ali, Anne	T	III	NW A		Boots, Elizabeth	T	III	WI		Chung, Kim	T	I	TR	
Allen, Janerra	T	III	5Q		Boston, Jilana	T	III	AL		Cid-Ramirez, Luis	PS	III	VH	167
Amberger, Brent K.	T	I	WI		Boston, Madison	PS	II	VH	87	Cisneros, Maximiliano	T	III	SC	
Amin, Mohamed	PS	III	VH	157	Bradley, Erin	T	II	SW		Clark, Alexandra	PS	II	VH	93
Anboubia, Nina	T	I	Ag A		Brady, Jack	PS	I	VH	9	Cleveland, Brady	PS	III	VH	168
Anderson, Ellen	T	I	IN B		Braithwaite, Jasmine	T	II	SW		Cline, Michaela	T	III	LM B	
Appel, Robin	PS	I	VH	60	Brandt, Laura	PS	III	VH	235	Cobb, Brittany	T	I	NW B	
Arend, Michael	PS	III	VH	158	Brar, Harpreet	T	I	LM B		Conneely, Nora	T	I	NW B	
Arnold, Brian	T	II	NW B		Brennan, Patricia	T	III	LM B		Connors, Kelsey	PS	II	VH	94
Ash, Alexander	T	III	WI		Bridgeforth, Anna	PS	I	VH	10	Cottrell, Olivia	T	II	IN A	
Atchison, Natalie	PS	II	VH	142	Bright, Susan	T	III	NW A		Coutinho, Carol	T	III	LM A	
Atterbury, Ellen	PS	II	VH	83	Brilli, Luca	PS	III	VH	171	Cragg, Neal	PS	I	VH	14
Ault, William	PS	III	VH	159	Brodhead, Rachel	PS	III	VH	216	Cromer, Caroline	T	III	IN B	
Awe, Stephanie	T	II	LM B		Brodziski, Rebecca	T	III	5Q		Crook, Sarah	T	II	WI	
Aylyng, Jennie	T	III	NW B		Brow, Katie	PS	III	VH	166	Crooks, Tasha	T	III	NW A	
Backes, Brianna	PS	III	VH	161	Brown, Audrey	PS	II	VH	88	Cruz-Herrera, Kaylah	T	I	SW	
Bahr, Amy	T	III	AL		Bruckbauer, Daniel	PS	II	VH	89	Daniel, Andrew	PS	II	VH	95
Baird, Rachael	T	I	Ag A		Bryant, Cole	T	III	SW		Danner, Leigh	T	II	WI	
Baiu, Dana	PS	I	VH	42	Brzozowski, Lauren	T	III	F		Davis, William	PS	II	VH	96
Baiu, Dana	PS	III	VH	210	Brzycki, Elizabeth	PS	I	VH	11	Demberger, Clare	T	II	WI	
Bass, Patrick	PS	III	VH	2239	Budke, Katelyn	T	II	NW A		Dennison, Mark	PS	III	VH	169
Batko, Michelle	PS	II	VH	84	Bulovsky, Andrew	T	I	NW B		Dewanjee, Aditya	PS	I	VH	47
Battiola, Therese	T	II	5Q		Burgess, Genevieve	T	III	IN A		Dickinson, Quinn	PS	III	VH	170
Battistoni, Michael	PS	II	VH	85	Burns, Michelle	T	I	NW A		Diels, Wynn	PS	I	VH	15
Baumann, Emily	T	II	NW A		Campbell, Stephen	T	III	NW A		Dietz, Jason	PS	III	VH	216
Beaver, Emily	PS	I	VH	4	Campo, Camilo	PS	II	VH	90	Dinse, Stephanie	PS	I	VH	16
Becerra, Estefanie	PS	III	VH	197	Cancel, Nicole	T	III	NW A		Diny, Michael	PS	I	VH	17
Becher, Emma	PS	I	VH	5	Canda, Claire-Marie	PS	I	VH	12	Dixon, Zoe	T	I	5Q	
Beckert, Jacob	T	II	GV		Carney, Patrick	PS	II	VH	91	Dornfeld, Camilla	PS	II	VH	97
Beeler, Michael	PS	III	VH	160	Carroll, Emily	T	I	IN A		Douglas, Alyson	PS	I	VH	18
Beguina, Catherine	PS	II	VH	144	Carson, Ebony	T	I	Ag A		Dubovis, Marina	PS	I	VH	19
Beletti, Rachel	PS	I	VH	6	Casey, Simon	PS	III	VH	171	Dumar, Zach	T	I	LM B	
Benford, Jacob	PS	III	VH	171	Casper, Gail	T	III	LM B		Dunne, Katherine	T	III	AL	
Bennett, Tracy	PS	III	VH	161	Cawley, Erin	T	III	NW A		Dwyer, Alex	T	III	LM B	
Berchem, Jacob	T	II	LM A		Cayemberg, Michael	T	III	F		Ebner, Kim	T	II	WI	
Besaw, Christopher	PS	I	VH	7	Cesarz, Taylor	T	III	F		Elde, Stefan	T	III	GV	
Betsinger, Cora	T	III	LM A		Chalmers, Douglas	T	III	Ag B		Elde, Stefan	PS	II	VH	142
Bhat, Divya	PS	II	VH	86	Chang, Sur-Han	T	II	LM A		Elmergreen, Jonathan	PS	III	VH	171
Bhuiyan, Ismat	PS	I	VH	8	Charlly, Nithin	PS	II	VH	92	Endsley, Andrew	T	III	WI	
Birrenkott, Drew	T	II	5Q		Cheema, Sabeena	T	III	NW A		Enos, Gabrielle	T	II	F	
Birrenkott, Drew	PS	III	VH	162	Chen, Hong-En	T	I	WI		Erdmann, Kyle	T	II	AL	
Bischmann, Alyssa	PS	III	VH	163	Chen, Siyu	PS	I	VH	13	Erdmann, Mackenzie	PS	II	VH	98
Bishop, Aaron	PS	II	VH	156	Chen, Jiamin	PS	III	VH	236	Erickson, Lynnsey	PS	III	VH	172

Last Name, First	Format	Time	Room	Poster#	Last Name, First	Format	Time	Room	Poster#	Last Name, First	Format	Time	Room	Poster#
Esselman, Brian J.	T	I	WI		Han, Tianxiao	T	II	NW B		Kirby, Taylor	PS	II	VH	107
Estrella, Lianne	PS	III	VH	173	Hanley, Taylor	T	II	LM B		Kitzerow, Emily	T	II	WI	
Fahl, Emily	T	I	IN A		Hanson, Crystal	T	II	SW		Kladar, Ryan	PS	II	VH	108
Famule, Gbemi	T	I	5Q		Hanson, Kelly	PS	I	VH	26	Klos, Emilie	PS	I	VH	5
Fan, Benjamin	PS	III	VH	174	Hantman, Melissa	PS	III	VH	231	Cluever, Joshua	T	I	TR	
Fang, Jarjeh	T	I	LM B		Harrington, Kristin	T	I	LM B		Ko, Dami	T	III	NW A	
Fang, Yihang	T	III	IN A		Hayne, Margaret	PS	III	VH	182	Kohli, Lisa	PS	III	VH	188
Feil, Rachel	T	III	TR		Healey, Katelynn	PS	I	VH	27	Koo, Alexander	PS	II	VH	109
Fernandez, Claire	T	III	Ag A		Heilingoetter, Cassandra	T	III	NW B		Kopitzke, Benjamin	T	III	WI	
Ferris, Kyle	PS	III	VH	171	Heimbruch, Katelyn	PS	III	VH	183	Kornely, Hannah	PS	II	VH	139
Fesser, Nicolas	T	III	NW A		Henning, Steven	PS	I	VH	28	Kositzke, Jacob	T	III	TR	
Feustel, Thomas	PS	I	VH	20	Hennings, Taiyani	T	II	LM A		Kraft, Carla	T	III	AL	
Fiala, Jonathan	PS	I	VH	21	Henningsen, Joseph	T	II	F		Kravitz, Brett	T	III	IN A	
Finedore, Catherine	PS	III	VH	162	Hermus, James	PS	I	VH	29	Krueger, Karen	PS	II	VH	106
Finn, Remington	PS	III	VH	175	Hernandez, Kevin	PS	II	VH	104	Kruse, Jake	PS	II	VH	110
Firth, Connor	T	II	SC		Hess, Cole	T	II	NW A		Ksobiech, Kristin	T	III	NW A	
Fisher, Ellie	PS	II	VH	99	Higgins, Colin	T	I	5Q		Kuenster, Nolan	T	II	TR	
Fleifel, Alaa	PS	II	VH	100	Hinke, Kyle	T	III	LM B		Kwok, Susanna	T	I	AL	
Fleming, Sean	PS	III	VH	216	Hintz, Claire	PS	III	VH	184	Kwon, Jin	T	I	AL	
Ford, Irene	T	I	5Q		Hoekstra, Gideon	T	I	NW B		Lad, Niraali	T	III	Ag A	
Franzmeier, Tressa	PS	III	VH	176	Holten, Samantha	T	III	GV		Lake, Curtis	T	III	Ag A	
Freidberg, Michael	PS	II	VH	101	Honerlaw, Kelsey	PS	III	VH	185	Lande, Lauren	T	II	AL	
Fricke, Emma	PS	I	VH	6	Hopefl, Sarah	T	II	LM B		Lange, Jeremy	PS	III	VH	189
Fricke, Stephanie	PS	III	VH	177	Hovanec, Holly	T	II	IN A		Lasee, Carina	T	I	IN A	
Galvan, Jesse	T	III	AL		Hu, Xiaoyang Serene	T	II	Ag A		Laudon, Sarah	T	II	SW	
Gasteyer, Emily	PS	II	VH	102	Hunyh, Chi	T	II	WI		Lauver, Diane	PS	I	VH	26
Gedemer, Therese	PS	I	VH	22	Hussinger, Emily	T	III	Ag A		Lawrence, Joanna	T	II	Ag A	
Gehin, Eleanor	T	I	IN A		Ingrassia, Angela	T	II	IN A		Lawrence, Sophia	PS	II	VH	111
George, Grace	PS	II	VH	103	Ip, Carrie	PS	III	VH	186	Le, Jennifer	PS	I	VH	34
Ghanian, Sheila	PS	I	VH	23	Ische, Jenna	T	III	NW A		Le Gros, Gabriel	PS	I	VH	35
Gibb, Wil	T	II	TR		Jallow, Fatima	T	II	WI		Lecy, Taylor	T	III	Ag B	
Gilles, Geoffery	T	II	SC		James, Xu	T	III	GV		Lee, Yujin	T	II	Ag A	
Ginsburg, Alix	T	I	IN B		Jasso, Kalene	T	III	WI		Lee, Eunjin	T	III	NW A	
Gleason, Colleen	PS	II	VH	106	Jin, Song					Lee, Woojong	PS	I	VH	36
Glickstein, David	T	II	GV		Jin, Xing	PS	I	VH	30	Lei, Ling	T	III	SW	
Goetz, Greta	PS	I	VH	24	Jordan, Nicholas	T	II	AL		Lemmenes, Lydia	T	I	NW A	
Golackson, Anna	T	I	5Q		Jordee, Alexandra	PS	I	VH	31	Lenz, Michele	PS	II	VH	112
Gonzalez, Luis	T	I	IN A		Jorgensen, Kelly	T	I	IN B		Lepak, Nicholas	T	I	TR	
Gonzalez, Yackeline	T	II	Ag B		Joslin, Jillian	PS	I	VH	50	Lever, Lauren	PS	III	VH	190
Goodman, Eliana	T	II	GV		Jun, Brian	T	I	NW A		Levin, Allison	T	III	AL	
Goodsett, Claudia	T	III	5Q		Kadlec, Melissa	T	III	NW A		Li, Daniel	T	III	IN B	
Grawien, Tyler	PS	III	VH	182	Kamath, Esha	PS	I	VH	32	Li, Silun	PS	I	VH	37
Gray, Megan	PS	I	VH	25	Kane Koempe, Katja	PS	III	VH	216	Liao, Honghong	T	III	Ag B	
Green, Jenna	PS	III	VH	178	Kaplan, Kyla	T	III	TR		Liebl, Spencer	PS	I	VH	38
Gressett, Monica	PS	III	VH	179	Keding, Taylor	PS	II	VH	105	Liebzeit, Daniel	T	I	NW A	
Griffith, Caisey	T	II	LM B		Kee, Diane	T	III	IN B		Linde, Laura	PS	III	VH	191
Grow, Sam	PS	III	VH	216	Kelberg, Miriam	T	I	SW		Linde, Laura	PS	III	VH	196
Gunderson, Drew	T	II	NW B		Kelnhofe, Laurel	T	II	IN B		Lindeman, Emily	T	I	IN B	
Guptasarma, Ishaan	T	II	SW		Kha, Choua	T	II	5Q		Lingeman, Emily	PS	II	VH	113
Haefner, Morgan	PR	III	VH	180	Khang, Tounhia	T	II	F		Linton, Daniel	T	I	TR	
Hageman, Samantha	PS	I	VH	25	Kiecker, Chelsea	PS	II	VH	106	Liu, Lisa	PS	I	VH	50
Hall, Crystal	PS	III	VH	181	King, Andrew	PS	I	VH	33	Liu, Yuli	PS	II	VH	114

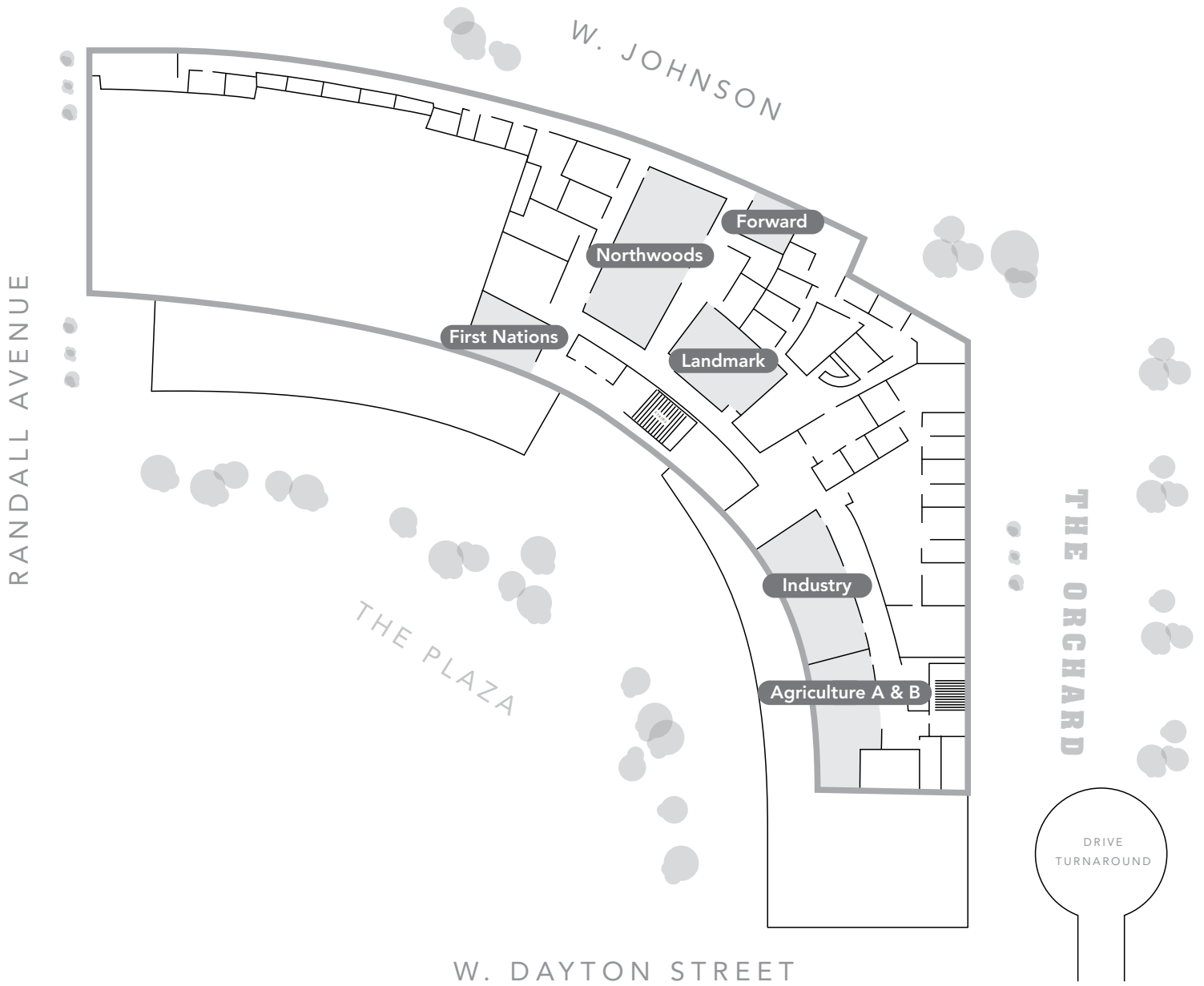
Last Name, First	Format	Time	Room	Poster#	Last Name, First	Format	Time	Room	Poster#	Last Name, First	Format	Time	Room	Poster#
Liu, Zexi	PS	III	VH	192	Mladucky, Janessa	T	II	NW B		Plaza-Baji, Amy	PS	I	VH	52
Liu, Zihao	PS	III	VH	192	Monteagudo, Peter	T	I	LM A		Podzorski, Hannah	T	III	IN A	
Liu, Bingjie	PS	III	VH	236	Montes, Pablo	PS	III	VH	194	Polich, Eric	T	II	IN B	
Lollino, Alisa	T	I	NW B		Moran, Jackson	PS	I	VH	44	Polkoff, Michael	PS	III	VH	202
Longinovic, Nina	T	II	LM B		Morgan, Rebecca	PS	II	VH	120	Prabakaran, Prashanth	PS	I	VH	53
Lor, Vong	T	I	WI		Moriarty, Ryan	T	II	NW A		Prado, Frank	PS	II	VH	125
Losiniecki, Daniel	T	II	SC		Morris, Christine	PS	III	VH	162	Prasad, Aisha	PR	III	VH	203
Luedtke, Alicia	PS	I	VH	39	Moy, Amy	T	II	IN A		Prestil, Ryan	T	II	IN B	
Luo, Ran	T	III	LM A		Moynan, Angela	T	III	AL		Price, Amanda	T	I	AL	
Luo, Zhan	T	III	5Q		Mu, Yao	PS	III	VH	192	Priddy, Laura	T	III	NW A	
Lye, Shu Hui	PS	II	VH	115	Munger, Nick	PR	I	VH	45	Ptak, Melissa	T	I	IN A	
Lyga, Jessica	T	II	WI		Murphy, Zachary	T	III	IN A		Quilty, Jenny	T	II	LM A	
Mackesey-Green, Oona	PS	I	VH	40	Mussatti, Megann	PS	I	VH	46	Rajendran, Madhusudan	PS	III	VH	204
MacLaughlin, Jasmine	PR	I	VH	41	Nacht, Carrie	PS	I	VH	50	Raut, Ryan	PS	II	VH	126
Maedke, Juliana	T	II	5Q		Nackers, Allison	PS	III	VH	195	Reddy, Thiruchelvi	T	II	AL	
Magyar, Daniel	PS	II	VH	116	Nair, Nivedita	PS	III	VH	245	Reese, Rebecca	T	II	IN B	
Maher, Molly	T	III	NW B		Napiwocki, Brett	T	III	5Q		Reno, Ashley	T	III	NW A	
Mais, Bridget	PS	II	VH	117	Nauer, Calvin	T	II	F		Resch, Brooke	PS	II	VH	127
Maki, Keith	PR	II	VH	118	Naundorf, MaryAnne	PS	I	VH	48	Retzlaff, Zoe	T	I	TR	
Mansfield, Bronte	T	II	LM A		Neal, Ellen	T	III	NW A		Rice, Olivia	PS	I	VH	54
Mansukhani, Sohum	T	III	SC		Nechyporenko, Anatoliy	T	III	SC		Richards, Emily	T	III	LM B	
Marquardt, Bailey	T	II	WI		Noffsinger, Emma	PS	I	VH	31	Richie, Jacob	T	I	LM A	
Marshall, Erika	T	III	NW A		Nordeen, Sarah	PS	III	VH	240	Richter, Dustin	T	III	SC	
Martell, Jessica	T	III	NW A		Nur, Mulki	T	III	LM B		Riedeman, Sarah	PS	II	VH	128
Martinez, Cesar	T	III	GV		Nyman, Jackson	PS	II	VH	122	Ringle, Ellen	PS	III	VH	205
Masad, Andalusia	PF	PW	MT		O'Callaghan, Megan	PS	III	VH	241	Robbins, Taylor	PS	I	VH	5
Mason, Natasha	T	III	WI		O'Donnell, Heather	T	III	NW A		Robles, Bryant	PS	II	VH	129
Massart, Rachel	PS	III	VH	193	O'Halloran, Brenna	PS	III	VH	196	Rodenkirch, Charles	PS	I	VH	55
Mateling, Marian	T	II	AL		Ojha, Manjari	PS	III	VH	197	Rodriguez, Jessica	PS	I	VH	56
Matoba, Mary	T	II	WI		O'Keefe, Kylie	PS	II	VH	123	Roemer, Melanie	PS	II	VH	130
Maxwell, Courtright	T	II	WI		O'Leary, Stephanie	T	II	TR		Roen, Claudia	PS	II	VH	131
McDonald, Allison	T	III	NW A		Olson, James	T	III	TR		Roeske, Elizabeth	PS	III	VH	206
McElreath, Meghan	PS	I	VH	42	Olukoga, Olushola	T	I	NW A		Rokni, Alex	PS	I	VH	57
McFarlane, Tasi-Jo	T	II	Ag B		Opacich, Christian	T	III	LM B		Rosado, Chayanne	T	II	WI	
McGinn, Kelly	T	III	NW A		Osvatic, Jay	PS	III	VH	198	Rosenberg, Joel	PS	I	VH	58
Mecozi, Cecilia	PS	III	VH	243	Ottmann, Jared	T	II	NW A		Rosich, Konstantin	T	III	LM B	
Meddaugh, Hannah	T	III	GV		Otto, Mario	PS	I	VH	42	Rosu, Emanuel	PS	I	VH	59
Medo, Margaret	T	II	IN B		Otto, Mario	PS	III	VH	210	Russek, Natanya	PS	II	VH	132
Melah, Kelsey	T	II	WI		Ovalle, Karina	T	I	SW		Rybakova, Inna	PS	I	VH	60
Melcher, Brandon	PS	II	VH	119	Padron, Meghan	T	II	LM B		Saari, Mason	T	I	LM A	
Mendoza, Lilia	T	III	NW A		Palm, Stephanie	PS	I	VH	49	Salazar, Hector	T	III	NW A	
Meng, Hao	PS	III	VH	192	Pandl, Nicole	T	I	IN A		Salievski, Erbay	PS	II	VH	133
Merritt, Tierra	PS	I	VH	43	Pardo, Michelle	T	III	NW B		Salmon, Alexander	PS	III	VH	207
Merritt-Brown, Tiffany	PF	PW	MT		Park, Andrew	T	III	SW		Santilli, Ashley	PS	II	VH	187
Metz, Stephanie	PS	III	VH	193	Patel, Kush	PS	I	VH	50	Sargent, Elizabeth	T	III	WI	
Michaels, Graham	T	I	IN A		Pauley, Benjamin	T	II	TR		Sauve, Charles-Etienne	T	III	F	
Mickola, Natalie	T	III	AL		Pereda-Zorrilla, Ivan	T	III	TR		Schanker, Jessica	PS	II	VH	134
Mihelich, Nicole	T	III	F		Periyasamy, Sarvesh	T	I	Ag A		Schenian, Abby	PS	III	VH	216
Miller, Briana	T	I	5Q		Persing, Trenton	PS	II	VH	124	Schieve, Hanna	T	III	SW	
Miller, Kevin	T	II	NW B		Petska, Allison	PS	III	VH	218	Schmitz, Tony	PS	III	VH	208
Miller, Devon	T	II	F		Pettit, Kierra	PS	I	VH	51	Schneider, Benjamin	T	III	SW	
Milner, William	T	II	NW A		Phillips, Emily	PS	III	VH	200	Schnell, Mackenzie	PS	II	VH	135
Milonczyk, Alissa	T	III	SC		Pitzo, Olivia	PS	III	VH	201	Schoenberger, Haley	PS	II	VH	136

Last Name, First	Format	Time	Room	Poster#	Last Name, First	Format	Time	Room	Poster#	Last Name, First	Format	Time	Room	Poster#
Schroeder, Kylie	T	II	LM A		Sternke, Matthew	PS	I	VH	65	Wang, J.J.	T	III	LM B	
Schroeder, Michelle	PS	II	VH	137	Stevens, Caroline	T	I	IN A		Wang, Si	PS	I	VH	75
Schroeder, Katherine	PS	II	VH	138	Stewart, Mara	PS	III	VH	215	Wang, Tingmao	PS	III	VH	236
Schultz, Stephanie	T	I	Ag A		Stock, Isaiah	T	III	IN B		Wangdhen, Tenzin	PR	III	VH	230
Schuster, Tara	PS	I	VH	61	Storck, Zoe	PS	III	VH	216	Wargon, Nicole	PS	III	VH	231
Schwab, Rebecca	T	II	GV		Strack, Emily	PS	II	VH	145	Washington, Cory	T	III	IN B	
Schwabenbauer, Briana	T	I	5Q		Strawman, Kelly	T	III	NW A		Wasserman-Olin, Rebecca	PS	I	VH	40
Schwei, Rebecca	PS	II	VH	137	Strebe, Joslyn	T	II	TR		Watson, Quinn	PS	I	VH	76
Seeley, Megan	PS	I	VH	62	Strebel, Adam	T	III	NW B		Weber, Sarah	T	II	SW	
Segel, Nick	??	?	???		Sundstrom, Maggie	PS	III	VH	217	Weissappel, Kaitlin	T	III	Ag A	
Seidel, Abbey	PS	II	VH	138	Svenson, Emma	PS	III	VH	199	Wendt, Elizabeth	T	I	IN A	
Selleck, Ryan	??	?	???		Swinarska, Joanna	PS	I	VH	57	Weng, Qican	T	III	SC	
Sendelbach, Danielle	T	III	LM B		Tan, Chin Huat	PS	I	VH	66	Weninger, Mac	PS	III	VH	232
Serna, Lucero	T	I	IN A		Tang, Yin	PS	I	VH	67	White, Mariel	T	I	SW	
Serna, Christopher	T	II	LM B		Tariq, Rehan	PS	II	VH	150	Wiegand, Nancy	PS	I	VH	33
Seshadri, Arjun	PS	III	VH	209	Tedla, Yacob	PS	I	VH	11	Wild, Alyssa	PS	II	VH	219
Shannon, Erin	PS	II	VH	93	Tenpas, Parker	T	II	IN A		Williams, Tasia	PS	III	VH	245
Shepard, Andrew	T	III	NW B		Terry, Nicole	PS	I	VH	68	Williams, Jeremy	T	III	WI	
Shi, NianJun	T	III	WI		Terry, Kyle	PS	I	VH	69	Williams, Matt	PS	I	VH	77
Shiff, Taylor	T	I	AL		Thao, Thai	PS	III	VH	171	Wilson, Samuel	T	III	IN A	
Shinkle, Katie	T	III	LM B		Thompson, Mary	T	II	5Q		Wilz, Logan	PS	III	VH	233
Shmelov, Pavel	T	II	Ag B		Thormann, Ana	PS	III	VH	220	Winfield, Cecilia	PR	II	VH	151
Shoukfeh, Dania	PS	II	VH	100	Tong, Michelle	PS	I	VH	70	Winkie, Aubrey	T	I	SW	
Shoukfeh, Dania	PS	II	VH	139	Tortomasi, Scott	T	III	NW A		Wnuk, Alice	PS	I	VH	50
Shutter, Joshua	T	I	WI		Toth, Carolyn	T	III	NW A		Woodfill, Stephanie	PS	III	VH	234
Siegel, Steven	PS	I	VH	50	Trebatoski, David	PS	II	VH	146	Wu, Tongyu	T	II	NW B	
Simmons, Jerad	PS	I	VH	63	Tryon-Petith, Miles	T	III	TR		Wu, Minghui	T	III	TR	
Singh, Vishavdeep	PS	I	VH	121	Turney, Tyler	PS	III	VH	221	Wu, Tianyao	PS	III	VH	235
Singhal, Sorabh	PS	III	VH	210	Turner, Meghan	PS	I	VH	71	Wu, Jie	PS	III	VH	236
Sirocchi, Vincent	T	II	SW		Twadell, Sara	PS	I	VH	72	Xiong, Touyeng	PS	II	VH	152
Sison, Samantha	PS	III	VH	211	Umhoefer, Heidi	PS	III	VH	222	Yacoob, Zeeshan	T	III	NW B	
Siwik, Chelsea	PS	III	VH	212	Vadeboncoeur, Hanna	T	II	WI		Yang, Shu-Ching	T	I	WI	
Siy, Alexander	T	II	TR		Vakunta, Winston	T	I	5Q		Yang, Annie	PS	III	VH	171
Skalitzky, Erin	T	II	LM B		Valdes, Gabriel	T	II	IN A		Yang, Doris	PS	III	VH	171
Skarda, Grace	PS	III	VH	213	Valle, Troy	PS	I	VH	73	Yang, Linda	PS	III	VH	237
Skille, Claire	T	III	WI		Van Domelen, Benjamin	PS	II	VH	147	Yong, Mun Hong	PS	I	VH	78
Slezak, Julia					Vang, Elizabeth	PS	III	VH	223	Young, Riley	PS	II	VH	153
Sliwicki, Alex	PS	II	VH	140	Ventura, Aldo	PS	I	VH	74	Yu, Zhiyuan	T	I	NW A	
Smaby, Heather	PS	II	VH	141	Vigil, Daniel	PS	III	VH	224	Zamzow, Elise	PS	II	VH	154
Smalley, Meredith	T	III	LM B		Virnich, Catherine	T	III	NW A		Zarak, Dakota	PS	II	VH	144
Smith, Kyle	PS	I	VH	64	Vitek, Ross	PS	II	VH	148	Zarling, Luke	PS	II	VH	155
Smith, Nikki	PS	II	VH	142	Voelker, Heidi	PS	II	VH	149	Zastrow, Ryley	PS	II	VH	156
Smitz, Rachel	T	II	Ag B		Vogle, Alyx	PS	I	VH	47	Zellmer, Caroline	T	I	NW A	
Sommers, Veronica	PS	II	VH	143	Vogt, Mark	PS	III	VH	225	Zhang, Yurun	T	I	WI	
Song, Pamela Xiyao	PS	III	VH	242	Waldeck, Katherine	PS	III	VH	226	Zhao, Kaichen	T	III	LM B	
Sossaman, Rachel	T	I	AL		Waldman, Alex	PS	III	VH	227	Zhou, Yacong	PS	I	VH	79
Springer, Nichole	T	II	WI		Walker, Alicia	PS	III	VH	228	Zhou, Yifan	PS	I	VH	80
Stachowiak, Zack	PS	I	VH	5	Wallin, Kelly	T	II	Ag A		Zhu, Ronghui	T	I	TR	
Stadler, Rebecca	PS	II	VH	144	Wallin, Mikaela	PS	III	VH	171	Ziesemer, Mitch	T	II	AL	
Steinberg, Lauren	PS	III	VH	214	Walsh, Jenna	T	II	NW A		Zilberg, Gregory	PS	I	VH	81
Stellpflug, Hannah	T	III	NW A		Walters, Kevin	PS	III	VH	229	Zimmerman, Karie	PS	I	VH	60
Sterle, Joseph	T	II	SC		Wang, Bai Yang	T	III	LM A		Ziobro, Ross	PS	III	VH	238

Union South Level 2



Union South Level 3



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Thursday, April 10, 2014

5:30 – 6:30 p.m.

Union South – Varsity Hall

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Christopher Olsen, Interim Vice Provost for Teaching and Learning

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