



JOHN WESLEY HONORS COLLEGE

Celebration of Scholarship Poster Presentations April 20-21, 2016 Barnes Student Center Commons

Students of Dr. Sarah Jones' PSY 276 course will be presenting from 2:00-3:00 pm on Thursday, April 21st.

Times when presenters will be available for questions are listed on their posters.

Poster #	Presenter	Topic	Division/Dept.
1	Chris Foss	Connecting Stirling Numbers to Differences of Powers	Math & Computer Information Sciences
2	Zachariah Alber	Karate Tournament Utility: Turning unorganized into organized	Math & Computer Information Sciences
3	Jeremy Davis, Kyle Huber, Taylor Landes, Tyler Thompson	Inventory Management App	Math & Computer Information Sciences
4	Morgan Bailey	Human Computer Interaction: The Value of User Interfaces	Math & Computer Information Sciences
5	Erik Vanlandingham	Encryption: How Did the Second World War Influence Modern Computing	Math & Computer Information Sciences
6	Bethany Westbrook, Morgan Richardson, Katie Arden, Aaron Thompson	The Impact Whole-body Vibration Training has on Muscle Activation and Flexibility	Health and Human Performance
7	Paige Cole, Mac Gearheart, Sarah Severn	Muscle Activation During Front and Back Squat	Health and Human Performance
8	Nicole Turcotte, Nicole Biggs, Benjamin England	Effects of Simulated Altitude with the use of Altitude Training Masks on Maximal Oxygen Uptake and Inspiratory Fitness	Health and Human Performance
9	Kaitlyn Baker, Kelly Cypher, Jen Tomal	Dance Dance Revolution: Exergaming	Exercise Science
10	Paul Hooker, Kyle Lamason, Sarah Homme, Lauren Gray	Nurse/Patient Ratios and the Effect on Patient Care and Hospital Costs	Nursing
11	Cort-Lyn Perez, Rebecca Koch, Lindsay Willams	Implementing Quiet Hours in an Intensive Care Unit	Nursing
12	Keith Enterline, Kelsie Graber, Katey Holler, Neil McDevitt	Sharps Injuries In Healthcare Employees	Nursing
13	Madeline Livingston, Katelyn Mathison, Madeline Stohler	What is the best way for a BSN-nursing program to prepare students for NCLEX-RN success?	Nursing
14	Kayla Hall, Kara Wise, Natalie Theriot, Abbie Groelsema	Efficacy of Baccalaureate Transcultural Programs on Cultural Competency in Nursing	Nursing
15	Kasie Stoller, Nicki Wilhelm, Laura Cherry, Sarah Stoesz	Autism and the MMR Immunization: Is there a connection?	Nursing
16	Kara Korson, Bethany Cummins, Lisa Hauer, Kati Lindgren	Therapeutic Touch and the ICU Patient	Nursing
17	Asa Eisenhauer, Scott Reeder, Veronica Leman	Benefits of working as an aid before becoming a registered nurse	Nursing
18	Emily Peach	Music Therapy in Correctional Settings: The Need and the Solution	Music
19	Lydia Flynn	Assessing Variables Related to Major-Changing Among Undergraduate Students	Institutional Research
20	Charlie Hurlocker	Addressing Communities and Examining Satisfaction Inventory Responses	Institutional Research
21	Michelle King	Assessing Levels of International and Domestic Current Event Awareness Among College Students	Institutional Research
22	Jaclyn Story	The Impact of General Education Courses on a Student's Major	Institutional Research
24	Emma White	Looking Hot, Feeling Hot: An Exploration of the Relationship Between Self-Perception and Temperature	Behavioral Sciences
25	Haley Platt	Examining Outcomes and Treatment Fidelity of Behavioral Couples Therapy for Drug Court Participants	Behavioral Sciences
26	Gabriela Garver	America's New Internationalists?: Evangelical Transnational Activism, U. S. Foreign Policy and Human Trafficking	Social Sciences
27	Maddie Tipple, Jaime Roberts	Developing Play Skills in Children with Autism	School of Teacher Education
28	Kristen Morris, Julie Jenkins	Peer Tutoring: How Students Helping Students Benefits Everyone	School of Teacher Education
29	Julie Forrest	Sensory Integration & Self-Injurious Behavior: How the use of sensory integration decreases self-injurious behavior	School of Teacher Education
30	Kaley Thompson	Peer Buddies	School of Teacher Education
31	Heather Maloy, Brooklyn Culborn	Benefits of Video Modeling	School of Teacher Education
32	Steven Smallwood, Carter Screeton, Kelsey Key	Disabilities in Sports	School of Teacher Education
33	Rachel DiSalle	Kaleidoscope: Inside the ADHD Mind	School of Teacher Education
34	Andrew Hamilton	Working with Individuals with Intellectual Disabilities	School of Teacher Education
35	Abigail Dawson, Josh Ormord, Bekah Woeste, Kara Zollinger	ASD in the Foster Care System	School of Teacher Education



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Poster #	Presenter	Topic	Division/Dept.
36	Chad Jensen	Animal Therapy in Schools	School of Teacher Education
37	Holli Leslie	The Correlation Between Musicianship and Athletics: How Coaches and Teachers Can Understand One Another	School of Teacher Education
38	Tiffany Groen	Reciprocal Teaching	School of Teacher Education
39	Morgan Dirr, Madison Cook	Disabilities in the Church	School of Teacher Education
40	Makala Patterson, Brianna Snow, Miranda Middleton	Voicing the Voiceless in Media: Autism Awareness	School of Teacher Education
41	Nash Flanagin	Autism in the Church: Integrating people with Autism in Church	School of Teacher Education
42	Hannah Knotts, Hannah Hirschy, Miranda Paulus	ADHD in the Church: How to Worship in More Stimulating Ways	School of Teacher Education
43	Austin Todd	Music Therapy in Schools	School of Teacher Education
44	Makenzie King, Brooke Janowski	Autism on the Field	School of Teacher Education
45	Seth Wooten, Colton Patriquin	LD Lock Up	School of Teacher Education
46	Jessica Patton, Sydney Webb, Naomi Christensen	Increasing the Self-Efficacy of Individuals on the Autism Spectrum: Therapy Dogs	School of Teacher Education
47	Sydney Logee, Brooklyn Eckart	Social Skills and Autism: Increasing Social Skills of Children with ASD	School of Teacher Education
48	Charlie Hurlocker	Coptic Archives: Ancient Words in the Digital Era	Lilly Scholars
49	Becca Brunner	Sahidic Text of the Apocalypse	Lilly Scholars
50	Marla Richards	A Comparison of Two Reading Interventions for Adult Remedial Readers	Lilly Scholars
51	Kayla Sisson, Katie Jones, Hannah Alber, Madison Riddle	Effective Strategies for NCLEX success: A University's Approach	School of Nursing
52	Karen Hernandez	A Content Analysis of Websites of Hospitals Engaged in Medical Tourism: A Search for Common Themes	Communication and Theatre



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Natural Science poster presentations will take place from 3:00-4:00 pm on Thursday, April 21.

Poster #	Presenter	Topic	Division/Dept.
s1	Emily Olson	Essential Oil Diffuser's Effectiveness at Killing Airborne Bacteria: Antimicrobials of thyme, basil, oregano, and cilantro	Natural Sciences
s2	Annah Kalb, Renae Secrest	Development of Selective and Potent Bivalent Inhibitors of the Phosphatase SHP2 Using a Chemical-Genetic Technique	Natural Sciences
s3	Rachel Harper	Confocal Imaging of the Aurelia Nerve Net	Natural Sciences
s4	Zechariah Pfaffenberger	Probing for a Duplex DNA Binding Protein in Tetrahymena Thermophila	Natural Sciences
s5	Kelsey McMunn, Koby Buth	Optimization of a Genotyping Multiplex PCR for the VPAC2R Locus	Natural Sciences
s6	Blake Russell	Effect of auxins and cytokinins on callus formation of stems and leaves of Moringa oleifera	Natural Sciences
s7	Nathan Gerick	Studying Mueller Cell Morphological Changes in Intact Retinal Slices	Natural Sciences
s8	Ryan Kaufman	Regulation of Extracellular pH by Retinal Muller Cells Modulate Synaptic Transmission and Prevent Excitotoxicity	Natural Sciences
s9	Bethany Williams	Analysis and Comparison of the Three Most Common Shunting Systems for Hydrocephalus	Natural Sciences
s10	Nathan Van Grouw	The Simple Nervous System of Aurelia Aurita	Natural Sciences
s11	Bart Matney	Nitrogen Fixation	Natural Sciences
s12	Kayla Thomas	Pulses in jellyfish	Natural sciences
s13	Rachel Hartman, Hannah VanDusen	Production and purification of HIV virus-like particles (VLP) and analysis of the biochemical requirements for Nef-dependent packaging of Hck into HIV virions	Natural Sciences
s14	Marin Young, Chad Heer	Glial Cells in the Central Nervous System Control Synaptic Transmission by Regulating pH	Natural Sciences
s15	Emily Olson	The Use of Essential Oils to Treat Microbial Infections and Sick Building Syndrome	Natural Sciences
s16	Jenna Bradway	Caffeine Derivatives for Potential Solar Cell Applications	Natural Sciences
s17	Clarissa Burns, Hannah Parsons, Sydney Weghorst	The Methods of Measuring Extracellular pH and Intracellular Calcium Levels in the CNS	Natural Sciences
s18	Savannah Fichter	Water Quality Assessment of a Xenopus laevis Housing System	Natural Sciences
s20	Gabrielle Schwarte	Nerve conduction in Aurelia aurita	Natural Sciences
s21	Katelyn Cahill	Calcium and Protein Content Found in Moringa Leaves	Natural Sciences
s22	Austin Greer	Death Effects of Reveromycin A, a Potential Osteoporosis Therapeutic, in the Cells of the Joint	Natural Sciences
s23	Claire Hall	Acetylcholine Receptors Associate with Lipid Rafts in Cultured Xenopus Laevis Muscle Cells as Determined by Fluorescence Recovery After Photobleaching	Natural Sciences
s24	Tyler Laubach	Modulation of neuronal activity by retinal glial cell volume and pH responses in tiger salamanders	Natural Sciences
s25	Jessie Grimmer, Chelsea Deaton	Establishing the Gibson Assembly system for construction of a novel gene knockout method for Tetrahymena thermophila	Natural Sciences
s26	Alex George	Development of Environmental Sampling Techniques	Natural Sciences
s27	Seth Baker	Cathepsin K Gene Expression Measurement in Cartilage-Forming Cells	Natural Sciences
s28	Angela Davidson	Vitamin C Concentration	Natural Science
s29	Jennifer Baker, Austin Newell	Genomic analysis of Rhodospirillum rubrum, a cold-adapted photosynthetic bacterium from an Antarctic microbial mat	Natural Sciences