



JOHN WESLEY HONORS COLLEGE

Celebration of Scholarship Poster Presentations

April 16-17, 2013

Barnes Student Center Commons and Hallway above the Commons

Indiana Wesleyan University

Note: Natural Science poster presentations will take place from 4:00-5:00 pm on

Poster #	Student	Poster Title	Division
1	Kyla Galyan	Game Theory as Decision Making	Mathematics
2	Evelyn Walker	Knot Theory	Mathematics
3	Tyler Cooper	Artificial Intelligence	Computer Science
4	John-Peter Reiland	RESTful Web APIs	Mathematics and Computer Information Sciences
5	Sarah Bergen	Voronoi Diagrams	Mathematics
6	Seth Douwsma	Use and Implementation of a Content Management System throughout CIS-480 Applied Software Development Project	Computer Science
7	Emily Smith	A New Home	Interior Design
8	Emily Smith	A New Home	Interior Design
9	Tiffany LeFever	Exploring Reasons for Student Attrition Through Phone Surveying	AIRCats
10	Alicia Feuling	English Acquisition of Korean Speakers of English	MLL: TESOL
11	Courtney Bidwell	From Richard Rolle's Psalter to the King James Version: Religious and Political Dialogue in Early English Translations of the Bible	Modern Languages and Literature
12	Christina Banker	Motivational Interviewing for Academic Improvement in Secondary Students	Graduate Counseling
13	Margaux Green, Jamie Aardema, Ashley Meldahl, and Elizabeth Cousino	Neonatal resuscitation in Africa: The experiences of health care workers using Helping Babies Breathe	Nursing

Poster #	Student	Poster Title	Division
14	Heather Anderson, Lindsay Britton, Amber Kasnick, and Samantha Wright	The Relationship Between Coffee Consumption and Amount of Sleep among Nursing Students at a Private Midwestern University	Nursing
15	Jamaica Westfall, Ariel Princell, Craig King, and Whitney Wenger	Effectives of Alternative Therapies on Anxiety/Depression	Nursing
16	Daniel Hoerig, Jenna Kuipers, Meredith Lemley, and Gloria Tatum	How effective are alternative therapies for pain management?	Nursing
17	Amber Borden, Katelynn Hale, Bethany Nelsen, and Laura Tepner	SN to RN: Successful Transition of Student Nurse to Registered Nurse	Nursing
18	Jaimee Cichowitz, Abby Laidig, Haley Herr, and Hannah Cromer	Best Strategies for Success on the NCLEX-RN	Nursing
19	Maria Pelance, Jessalyn Smith, and Yi Yi	Telehealth Care and Heart Failure Outcomes	Nursing
20	Jody Hartman, Cindy Mangan, Ruth Tepes, and LeAnn Ward	What Piece is Missing?	Nursing
21	Courtney Maas, Hannah Wilkins, and Kara Lepkowski	The Effects of Media on Young Women and Their Body Image	Nursing
22	Alyssa Schrock, Jamie Daniel, Miriam Monroe, and Samantha Vangundy	Stress management methods for nurses	Nursing
23	Andie Rempel, Lauren Hendricks, Rachael Weinmann, and Lauren Bedinghaus	Oral Contraceptives: What Users May Not Realize	Nursing
24	Danielle Hainley, Brittany Workman, Brittany Vannarsdall, and Joel Anderson	The effect of peer mentoring on nursing student stress	Nursing
25	Ellen Essink, Rebekah Delicath, Pauline Locktefeld, and Lauren Vermilion	Equipping Nurses to Identify and Care for Drug Seeking Patients in the Healthcare Setting	Nursing
27	Andie Rempel, Lauren Hendricks, Rachael Weinmann, and Lauren Bedinghaus	Oral Contraceptives: What Users May Not Realize	Nursing

Poster #	Student	Poster Title	Division
28	Rebecca Goshorn, Hannah Hiscoe, Kayla Korporal, and Jenna Van Kampen	Human Papillomavirus (HPV) Vaccine Status among Nursing and Non-nursing Major Students at Indiana Wesleyan University	Nursing
29	Courtney Crouse, Jennifer Domanski, Teresa Kirisits, Christina Miser	Understanding Accelerated BSN Student Programs	Nursing
30	Kerri Culley, Sean Devlin, Rich Esters, Katie Reiff, Elizabeth Waggle	Perceptions Regarding Accelerated Nursing Students: A Literature Review	Nursing
31	Tyler Ashley, Akil Foderingham, Abby Masters, Kara Parsons	The Impact of Hospital Visiting Policies in the Adult ICU	Nursing
32	Kayla Marko, Brittney Stebbins, Hannah Lewis, Autumn Snead	Religious Beliefs and Health Habits	Health and Human Performance
33	Andy Lipiec, Brenden Frank, and Nicole Daake	The Different Modes of Exercise and their Effects on Cognitive Function	Health and Human Performance
34	Kelsey Johnston, Jamie Speidel, Daniel Paul, Cathy Redlien	The Effects of Music Tempo on Exercise Performance	Health and Human Performance
35	Lauren Wilson	Tennis Ranking Correlation with Arm Ergometer VO2 Max Test	Health and Human Performance
36	Jonathan Coates and David Johnson	A Detailed Analysis of the Handwriting of Papyrus 39	Theology and Ministry
37	Matthew Morley and Zach Pattison	A Historical and Ecclesial Look at Ancient Oxyrhynchus	Theology and Ministry
38	Samantha Hemming, Alyssa DeKock, Robbie Campbell, Bethan Gustafson, Abner Rivera, Racquel Rossbach	Gratitude and Happiness: A Study of the Effects of Daily Gratitude on Mood	Behavioral Sciences-Psychology
39	Renee Shipton	Measuring the Effectiveness of the First Light Child Advocacy Center	Behavioral Sciences
S1	Kelsey Davitt	Reveromycin A does not appear to cause apoptosis or necrosis in the ATDC5 chondrocyte cell line at physiological pH	Natural Sciences

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S2	Emily Sloane	Murine chondrocytes do not exhibit a high percentage of apoptosis when treated with Reveromycin A as measured by the TUNEL assay	Natural Sciences
S3	Anna Cunningham	Isolation and Characterization of 8 strains of heterotrophic bacteria from Lake Fryxell, Antarctica	Natural Sciences
S4	Nicole Vander Schaaf	Characterization of Six Strains of Heterotrophic Bacteria from Lake Vanda, Antarctica	Natural Sciences
S5	Robin Bullman	Vegetarian athletes in comparison to Omnivorous athletes based on performance, body composition and overall health	Biology
S6	David Peters	Medical Applications of Moringa	Biology
S7	Kirsten Roe	Evaluation of Natural Methods for Whitefly Control in Greenhouse Conditions	Biology
S8	Nicole Lautensack	Antibacterial Effects of <i>M. oleifera</i> and <i>M. stenopetala</i>	Biology
S9	Jaki Richter	Recovery of visual perception following monocular deprivation	Natural Sciences
S10	Ashlyn Gibson	Comparison of leaf protein and calcium content of <i>Moringa oleifera</i> leaves grown in different environments	Biology
S11	Reid Yoder	Reducing and Eliminating Variability in the Radiation Therapy Treatment Process	Biology
S12	Josh Ostrander	Demonstrations of Variables Affecting the Rate of Unimolecular Substitution	Natural Sciences
S13	Yui Iwase	Antibacterial Effects of <i>Moringa oleifer</i> and <i>Moringa Stenopetala</i> Using Different Extraction Methods	Biology

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S14	Conner Cunningham	Nucleophilic Reaction POGIL Activity Development for Integrated Laboratory and Lecture	Chemistry
S15	Ellen Steinke	Glutamate and Depolarization-dependent pH Effects on Muller Cells in Bicarbonate Buffer	Natural Sciences
S16	Lisa Humrighouse, Heath Rose	Assembly of Pot1a and Pat1 Synthetic Constructs for the LoxP-Cre Recombinase System	Natural Sciences
S17	Leah Rasmussen	Cell Isolation: Isolation of Retinal Muller Cells from the Tiger Salamander for Studying Extracellular pH Changes Involved in Neuronal Processing	Natural Sciences
S18	Blair Skinner	Glutamate and KCl effects on bicarbonate and HEPES buffered tiger salamander Muller cells	Natural Sciences
S19	David Percy	Three-Dimensional Fluorescence Imaging of Co-localized Acetylcholine Receptors and Lipid Rafts at the Neuromuscular Junction	Natural Sciences
S20	Jeff Ringenberg	Antibiotic Resistance in Staphylococcus aureus	Biology
S21	Kyle Varoskovic	A Study of Lactase Persistence: Including Causation, Evolutionary History, and Correlation with Other Health Conditions	Biology
S22	Hannah Newton	Single Telomere Length Analysis (STELA) in Tetrahymena	Natural Sciences
S23	Brooke Johnson	BRONJ	Natural Sciences
S24	Bryttany Van Vliet	Household Items Effect on Bloomsdale Spinach	Biology
S25	Katie Miller	Analysis of Manual and Automatic Water Faucets at Indiana Wesleyan University	Natural Sciences
S26	Meredith Osborn	Retinal pH Dynamics in the Outer Plexiform Layer	Natural Sciences