

Indiana Wesleyan University 
The John Wesley Honors College Present:

Celebration of Scholarship

April 1-2, 2008, 8:00 AM to 5:00 PM

*Poster Presentations (By Poster Number)—IWU Student Center,
Commons—Please See the Posters for Times When
Presenters Will Be Available for Questions*

Poster Number—Presenter(s) Name(s), Poster Title

1 – Matthew Nygaard, “United States Democracy Promotion in Africa: Does it Actually Exist?”

2 – Alicia Cruce, “Schizophrenia and Working Memory”

3 – Linden Kurtz, “The processing of emotional cues, verbal and visual, in Autism Spectrum Disorders and the mirror neuron system's response”

4 – Linden Kurtz, “The treatment of Alzheimer's disease using rivastigmine (Exelon), a cholinesterase inhibitor”

5 – Jeremy Chilson, “Development of Fosmidomycin analogs as DOXP/MEP pathway inhibitors against resistant strains of *Plasmodium Falciparum*”

6 – Brittany Mead, “NF-kB Inhibition and Osteoporosis”

7 – Stacey Michaelis, “Induced Glaucoma Resulting in Apoptosis of Retinal Ganglion Cells”

8 – Alicia Brewer, “EgA31 and Eg95 Vaccines Against *Echinococcus granulosus* to Prevent Transmission of Hydatid Disease: a comparative study”

9 – Chris Sloan, “The Prevention and Treatment of Dengue Fever and Dengue Hemorrhagic Fever by Vaccination with Interferon Alpha, Beta, and Gamma”

10 – Chris Sloan, “Gamma aminobutyric acid regulating medications are acceptable for the treatment of mesial temporal lobe epilepsy in spite of working memory inhibiting side-effects”

11 – Jonathan Rittichier and Joshua Foss, “Degradation of Folic Acid and Niacinamide in the Presence of Select Excipients”

12 – Lindsay Bernardy, Laina Hershberger, Morgan Wheeler, and Krystin Coleman, “Ipsilateral and Bilateral Comparison of External Rotation and Internal Rotation of the Shoulder in Collegiate Softball Athletes”

13 – Laura Tedeschi, “The neurophysiological effects of cortisol and norepinephrine coactivation in victims of rape leading to retrograde amnesia, episodic memory loss and psychopathology”

14 – Ben Yoder, “The efficacy and benefits of acetylcholinesterase inhibitors on mild to moderate Alzheimer’s disease: a meta-analysis for Exelon, Razadyne and Aricept”

15 – Ryan and Sarah Heck, “Spirituality and 12-Step Recovery”

16 – Nate Young, “Degradation of Aspirin”

17 Jon Steele, “Medial Prefrontal Cortex Activity as Related to Musical Spontaneity and Unique Self-Expression”

18 – Tynan Wilson, “Examining the pathophysiology of mild traumatic brain injury with emphasis on the working memory of athletes with a history of sports-related concussion”

19 – Hope Taylor, Tom Cully, and Brady Cooper, “Isolation of the Various Types of Retinal Cells from Catfish and Goldfish”

20 – Brittany Mead, “NF-kB Inhibition and Osteoporosis”

21 – Laura Tedeschi, “An investigation of the in vitro induction of osteoclast apoptosis related to the treatment of osteoporosis by Estrogen, Reveromysin A and Orientin”

22 – Jordan Mast, “A closer look at gross temporal and frontal lobe activity that influences insight and the creative drive”

23 – Jordan Mast, “The Signal Transduction Pathway of Tumor Necrosis Factor -
α as Relates to Osteoclastogenesis”

24 – Morgan Ravare, “Clearance of Amyloid-
β Deposits in PDAPP Mice Treated with Monoclonal Antibody, 10D5”

25 – Ashley Davison, Michelle Sobon, Sami Shields, Tasha Cappella, and Lauren Snider, “Career-Sustaining Behaviors among Addiction Counselors”

26 – Bethany Kline, “Do You Mind If We Focus on Me? Brain Activity During Self-Reference”

27 – Spenser Lang, “The Role of Bcl-xL in the Apoptosis of Osteoblasts and Osteoclasts”

28 – Daniel Seitz, “The molecular biology of cocaine addiction in the brain”

29 – Tynan Wilson, “Examining the Role of the Non-NMDA Glutamate Receptor Antagonist CNQX in Retinal Neuron Morphology”

30 – Kelly Day, “International Equations”

31 – Laurinda Rapp, “The Effects of Post Traumatic Stress Disorder on the Regulation of the Hypothalamic Pituitary”

32 – Elise Chupp, Michelle Belford, Lisa Cobleigh, Rachel Hornickel, and Bryan Kerby, “The Effects of Color on Working Spatial Memory”

33 – Kevin Frecker, “The morphological effects of intracellular calcium on the horizontal cells of the outer plexiform layer of the catfish retina”

34 – Tess Czerwinski, Kelli Nagle, Shon McIlrath, and Andy Rdzok, “Post Season Isokinetic Hamstrin to Quadriceps Strength Ratio in Starting and Non-starting Intercollegiate Male Soccer Athletes”

35 – Chris Peters, Kyle Mazellan, “Using Cellular Co₂+ Uptake to Functionally Characterize Kainate and AMPA Receptors”

36 – Laurinda Rapp, “The Effects of Prescribed-Fire Restoration on the Avian Community”

37 – Stephanie Brooks, Marci Vasaris, Lindsey Philley, “The Effectiveness of Wii Fit® Balance Training”

38 – Joshua Pattengale, “The validity of TRAP staining for interpreting differentiation of RAW264.7 cells by RANK L”

39 – Aaron McRorie, “Polymerization of Sodium-10-Undecenoate”

40 – Adam Dancer, “Exploration into the Gamma Function”

41 – Caleb Keller, “Examining Exito-toxicity in Retinal Cells”

42 – Stacey Michaelis, Luke Menner, “Goldfish Retina provides an Ideal Model for Visual Processing Exploration”

43 – Bethany Kline, “CD40 Ligand Does Not Significantly Reverse the Apoptotic Effects of Dexamethasone in Osteoblasts in vitro”

44 – Austin Gerber, “PATHOPHYSIOLOGICAL MECHANISMS OF SEGAWA DISEASE”

45 – Austin Gerber, “Mesenchymal Stem Cell Therapy as a Proposed Treatment Method for Remyelination, Immunomodulation, and Increased Axonal Protection in Multiple Sclerosis”

46 – Josh Anderson, “The effect of a home library, parent involvement, and instructional support on the reading development of children in poverty from birth to five years.”

47 – Joe Winger, Seth Ragsdale, Jon Pfleegor, Chris Haak, “Cyberporn and Loneliness”

48 – Anthony Pappas, “Evaluation of Myostatin Inhibition in Muscular Disease”

49 – Allison Ballard, Lydia Fath, Carly Linn, Melissa Chisholm, Megan Epp, and Julie Rasor, “Spirituality and Body Image”

50 – Meghan Ferguson, “Preferential Selection of a Th2 over a Th1 Response in Infants Born to Microfilaremic Mothers”

51 – Alyson Kracke, “Monoclonal Antibody 15B3 is Effective in Selectively Precipitating Misfolded Proteins in Prion”

52 – Jeffrey Simmons, “My Roommate's Closet Website”

53 – Hope Taylor, “The Association of Ivermectin, an Anthelmintic Drug, with Hemorrhages of the Palpebral Conjunctiva and Retinal Lesions in Patients Diagnosed with Loa loa Filariasis”

54 – Matt Shirey, “Senior Project Presentation”

55 – Deborah Rohde, “Techniques for Teaching Mathematically Gifted Students”

56 – Jennifer Hutchinson, “REST Ministries, Inc. Daily Devotionals”

57 – Travis Bryant, “Software Development Project”

58 – Brian Mahoney, “The Aldersgate Counselor's System”

59 – David Radcliffe, “Everything Burns”

60 – Joseph Hyde, “Thesis, Anithesis, and Synthesis: Battle Formations of the Early 16th Century”

61 – Joshua Tyler Flick, “CIS & Math Reporting Database”

62 – Drew Simmons, “Gradebookkeeper”

63 – Jeremy Hampton, “Use of Ethidium Bromide to Test for the Presence of P2X7 Receptors on the Surface of NK92MI Cells”