

*Indiana Wesleyan University &
The John Wesley Honors College Present*

*Celebration of Scholarship
Poster Presentations*

March 24-25, 2010

Student Center Commons

Please See the Posters for Times When
Presenters Will Be Available for Questions

Poster #	Presenter	Topic	Division/Dept.
1	Anthony Pappas	New Roles for Depenezil in Treatment for Alzheimer's Disease	Biology
2	Ashley Dyer	The Effect of OPRM1 on Biological Predisposition to Addiction	Biology
3	Bethany Newhouse	Dietary Fat: Reevaluating Recommendations	Biology
4	Brady Cooper	The Effects of Music Therapy in Alzheimer's Patients: A Review of the Literature	Biology
5	Brent Crabtree	Common Canine Intestinal Parasites and the Efficacy of Various Treatments	Biology
6	Brittany Mead	The Role of Ik-B α ; in Reveromycin A-Induced Osteoclast Apoptosis	Biology
7	Caleb Keller	Examining Excito-Toxicity in Retinal Cells	Biology
8	Chris Devries	Effects of Sleep Deprivation on Hippocampal-Neocortical Communication in Declarative Memory Consolidation	Biology/Psychology
9	Chris Peters	Using CO ₂ ⁺ Uptake to Study the Role of KA/AMPA Receptors in Ca ²⁺ Permeability, Cell Signaling, and Excitotoxicity	Biology
10	Colt Cansler	The Effects of Nitric Oxide on the Behavior of Aurelia aurita	Biology

11	Colt Cansler	The Effects of Tourette's Syndrome on Brain Function and Treatment by Deep Brain Stimulation	Biology
12	Esther Winteregg	Renewing Science to Science Education	Biology
13	Heather Morgan	Preliminary Investigation of Apoptosis Induction in Osteoclasts by the Flavonoid, Glucoluteolin	Biology
14	Kyle Mazellan	Using Fluorescence Microscopy and Oregon Green 488 BAPTA-1 AM to Visualize Calcium Influx in Catfish Horizontal Cells	Biology
15	Luke Menner	Müller Cell Progenitor Characteristics and Possible Mechanisms	Biology
16	Luke Menner	The Amygdala and Insular Cortex Play Critical Roles in Recognizing Emotional Faces	Biology
17	Michelle Barlow	Inhibition of DOXP Reductoisomerase as a Novel Target for Malaria	Biology
18	Richard Barfell	Prion Diseases	Biology
19	Thomas Cully	An Overview of H ⁺ Concentration in Horizontal Cell Induced Lateral Feedback Inhibition	Biology
20	Richard E. Davis	The Impact of Couples Communication on Differentiation	CAS, Graduate Counseling
21	Brad Thada	Corn Field to Gas Tank	Chemistry
22	Matt Mindach	Anti-Malarial Drugs	Chemistry
23	Chad Waddington	Sinks, Saddles, Sources, the Path to Chaos	Mathematics
24	Nathan Fast	Ant Colony Optimization	Mathematics
25	Brent Jones	Bessel's Equation	Mathematics/CIS
26	Victoria Fabry	Chronic Lymphatic Leukemia T Cell Dysfunction Leads to Aberrant Synapse Formation that can be Reversed Through Immunomodulatory Therapy	Natural Science
27	Victoria Fabry	Homeostatic Imbalance in Post Traumatic Stress Disorder Leads to Immune System Dysfunction	Natural Science
28	Grace Sauvie	Magnetic Resonance Imaging in Patients with Tourette's Syndrome and Detecting Differences in Brain Morphologies and Region Connectivity	Natural Sciences

29	Grace Sauvie	Methods for Cultivating an Interest in Science in Secondary School Students	Natural Sciences/Biology
30	Hadassah Maddela	Flo peptide from Moring olefera seed kernels aids wastewater treatment in developing countries	Natural Sciences
31	Hadessah Maddela	Fear Memory Consolidation induced by Auditory cues in the Lateral Amydala and Auditory Thalamus is dependend on Nitric Oxide signaling	Natural Sciences
32	Spenser Lang	Ethe Effect of Bcl-xL on Osteoclast Survival and Function	Natural Sciences
33	Tara Fuller	Investigation into the Molecular and Behavioral Aspects Involved in Hemispatial Neglect and How It Affects Visual Attention	Natural Sciences
34	Bob Furlong	Role of S. aureus Penicillin Binding Protein 4 in Beta-lactam Resistance of Community-Acquired MRSA	Natural Sciences and Mathematics
35	Britton Gibson	HIV and Tuberculosis Coinfection in Developing Nations	Natural Sciences/Biology
36	Katie Oke	Patronage and the Grace of God in Augustine's Sermon 131	Religion and Philosophy
37	Gale Sewell	Success of Nursing Students at the Sophomore Level	School of Nursing
38	Travis Cooper	Obsessive-Compulsive Disorder: A Review between the Physiology Involved with Conscious Action and that Thought to be Involved in Compulsive Behavior	Psychology
39	Nenetzin Reyes, Dentia Hudson, Ethan Davis, Amy Terrell Dawn Echert, Nellie Farnsworth	Developing and Delivering Culturally Sensitive Counseling: Faculty and Student Research Experiences	Graduate Counseling
40	Chris Devries	Characterization of Bone Cells in Osteoporosis: Use of the Bradford Assay in Cell Extract Protein Quantitation	Biology