



IWU's Fourth Annual  
**Celebration of Scholarship**  
April 10 – 12, 2006

**Monday, April 10 – Tuesday, April 11**

**Student Center Mallway**

**Division of Art**

**Elizabeth Person**

***Successful Failures: The Infamous Years of Eight Famous Faces***

**Division of Behavioral Sciences**

**Jade Avelis, Rebecca Dailey, Heather Martin, Holly West & Ashley Whitney**

***Developing Faculty Through Character, Scholarship, and Leadership: A Case Study***

**Christina Banker**

***Labeling Practices of State Lotteries***

**Dr. Michael Boivin**

***Cerebral Malaria in Ugandan Children: Neuropsychological Effects***

**Bethany Chlasta**

***Addictions Counseling/Behavioral Science: Drug Court Data Analysis***

**Rebecca Daily**

***Cultural Evidence that Inter-Hemispheric Integration (IHI) May Mediate the Relationship Between Attention, Working Memory, and Fluid Intelligence in Children***

**Marissa Dadd, Ashley Douglas, Rebekah Perdue, Ashley Tessarolo & Kim Vanden Berg**  
***College Students' Perceptions and Motivations***

Shea Duggins, Mallory Glassburn, Kori Mahoney, and Erika Metzler  
*Examining Christian Students' Attitudes Towards Homosexual Behavior and Orientation*

Stephanie Hull, Rebekah Johns, Sarah Kenney, Gaby Pagen-Ilorens, Kathryn Sperando & Jessica Thompson  
*Gender Differences*

Amanda Powell, Melissa Vironet & Katie Willman  
*The Impact of Students' Religiosity on their Compliance to the Rules of Indiana Wesleyan University while on and off Campus*

Michelle Schwab  
*Lasting Effects of the R-Rated Movie Policy on Indiana Wesleyan Graduates*

### **Division of Education**

Jenna Figard, Daren Hardesty, Mackenzie Heaton, Grant Hendrikse, and Alison Luke  
*Guys Read: Supporting Elementary Boys' Engagement With Reading*

### **Division of HKRSS**

Kathleen Bodden, Kyle Coates, Malinda Lyon, Staci Jacobs & Jared Kinney  
*An analysis of therapeutic modality preferences among certified athletic trainers treating tendonitis injuries: Therapeutic Modalities*

### **Division of Modern Language, Literature, and Communication**

Chelsea Page  
*Lexi Blocks: Playing with language in a whole new way*

Emily Robinson  
*How I Learned to Drive, a play by Paula Vogel*

### **Division of Natural Sciences and Mathematics**

Carolyn Bainbridge  
*Osteoblast Apoptosis Inducers: A Factor in Osteoporosis*

Joshua Barrick  
*Bobcat Movements and Survival Near U.S. Highway 281 in Southern Texas*

Joshua Berry  
*Dentistry: Bruxism in Dentistry*

**Carrie Bromn**

***The Effects of Photoperiod and temperature on the Developmental Rate of Chironomus Riparius***

**Rachel Campbell**

***Regulation of Visual Processing: H<sup>+</sup> Regulation on Retinal Cell Morphology***

**Jerica Derr**

***Genomic DNA Analysis: Genomic DNA Analysis of Black-capped, Carolina, and Hybrid Chickadee Populations in Indiana***

**Jason Easterday**

***The Sojourn Online: IWU Student Newspaper***

**Nicholas Frecker**

***Imaging Morphological Changes in Retinal Cells: Hydrogen Ion Effect on Horizontal Cells***

**Tiffany Good**

***Progress Towards the Synthesis of Fosmidomycin Analogues***

**Emily Heckendorn & Mark Vercel**

***Isolation of Catfish Retinal Horizontal Cells***

**Joel Hobson**

***Predator/Prey Relationships Between Shrimps and Predatory Fishes in Sargassum Communities***

**Melissa Horton**

***Culturing of retinal horizontal cells: Time-dependent changes in morphology***

**Chana Hunter**

***Colorimetric TUNEL Assays of MC3T3-E1 Osteoblasts: Visualizing Glucocorticoid Induced Apoptosis***

**Hannah Ihms**

***Expression System for T4 Lysozyme: Recombinant DNA Technology***

**Amber Jones**

***CD40 Ligand Reversal of Dexamethasone-induced Osteoblast Apoptosis as Measured by a Colorimetric Caspase-3 Assay***

**Stephen Leonard**

***Progress Towards the Synthesis of Sulfoxides as Chiral Auxiliaries to Synthesize (2R)-3,3 Difluoroglutamic Acid***

**Craig Maxey**

***Structural Adaptation of Arcade Arteries to Change in Blood Flow***

**Benjamin Myers**

***Digger's Intranet Open Source Server***

**Aaron Romine**

***Time Tracker: Software Project***

**Christopher Rose**

***TGF-beta1 levels in dexamethasone-induced apoptotic cells***

**Kyle Sebestyen**

***PreMed Program***

**Robert Sendelbach**

***The Innovative Network: Custom Information System***

**Diana Shumway**

***The Piano: Frequencies and Tone Duration***

**Chad Sloan**

***Generation and validation of neuron and muscle specific promoters***

**Michael Snedeker**

***Edge effects on avian and mammalian nest predator relative abundance and species richness***

**Michelle Stuttle**

***Apoptosis Detection Through DNA Fragmentation***

**Derek Thompson**

***Statistically Significant Factors and a Predictive Mathematical Model of Student Success***

**Eric Truax**

***Knowledge Representation: Applications to the GAPP***

**Sara Turskey**

***CLL Database***

**Zachary Wesseling**

***Fantasy Baseball and Mathematics: An Unbeatable Team***

**Brittany Wilkerson**

***Bcl-XL Levels in Apoptotic Osteoblasts: The Search for a Potential Role of Bcl-XL In Protecting Osteoblasts from Glucocorticoid-Induced Apoptosis During CD40 Ligand Signalling***

**Brandon Yohn**

***Glutamate regulation of retinal processing***