

2007 FACULTY DEVELOPMENT STUDENT/FACULTY SUMMER RESEARCH AWARDS

Project Title: Energy Expenditure of 12-17 Year Old Males and Females During a Dance Simulation Video Game

Faculty Sponsor: **Pat Babington** (Associate Professor of Kinesiology)

Student: Paul Rodenhouse

Project Title: Investigating the Role of Hif1 in Histone Protein Import in *Saccharomyces cerevisiae*

Faculty Sponsor: **Lynn Bedard** (Assistant Professor of Biology)

Student: Jessica Boyer

Project Title: Epitope Tagging and Localization of the karyopherin, KAP123, in *Saccharomyces cerevisiae*

Faculty Sponsor: **Lynn Bedard** (Assistant Professor of Biology)

Student: Julian Jones

Project Title: Analysis of High Copy Suppressors of a Mutant Histone H-4 Protein in *Saccharomyces cerevisiae*

Faculty Sponsor: **Lynn Bedard** (Assistant Professor of Biology)

Students: Alexandra Dubikovsky and Libby Allard

Project Title: Investigation of Positive Vocal Affect

Faculty Sponsor: **Terri Bonebright** (Associate Professor of Psychology)

Student: Juliana Keller

Project Title: Two-photon Absorption in Alkali Metals

Faculty Sponsor: **John Caraher** (Assistant Professor of Physics and Astronomy)

Student: Daniel Bennett

Project Title: Geology Beneath the Great Wall of China: What Do We Really Know About "The Cradle of Chinese Geology?"

Faculty Sponsor: **Tim Cope** (Assistant Professor of Geosciences)

Student: Ben Gibson

Project Title: Computational Analysis of New Homeobox Genes in Rotifers

Faculty Sponsor: **Chet Fornari** (Professor of Biology)

Student: Greg Dahman

Project Title: Children of Eden Design Project

Faculty Sponsor: **Tim Good** (Associate Professor of Communication and Theatre)

Students: Linda Bradford and Erin Nessler

Project Title: Developing an Enantioselective Epoxidation Reaction

Faculty Sponsor: **Jeff Hansen** (Associate Professor of Chemistry and Biochemistry)

Students: Connie Shim and Emily Rigsbee

Project Title: Emotion in Infants and Adults
Faculty Sponsor: **Matt Hertenstein** (Assistant Professor of Psychology)
Students: Alissa Butts and Sarah Hile

Project Title: Researching the History of the School of Music
Faculty Sponsor: **Cleveland Johnson** (Professor of Music)
Student: Brian Clark

Project Title: Measuring the Electron-Antineutrino Correlation Coefficient of Neutron Decay
Faculty Sponsor: **Alexander Komives** (Assistant Professor of Physics and Astronomy)
Student: Michael Rose

Project Title: Mapping of Serotonin Type 1A Receptor Expression in the Zebrafish
Faculty Sponsor: **Henning Schneider** (Associate Professor of Biology)
Student: Ashley Strahley

*Project Title: Ramifications of Nascent Fungicides on Local Aquatic Vertebrates
Faculty Sponsor: **Bruce Serlin** (Associate Professor of Biology)
Students: Heather Jeffries and Dusty Kime

Project Title: DePauw University Writing Study Summer Design of Survey Instruments
Faculty Sponsor: **Michael Sinowitz** (Associate Professor of English)
Student: Sarah Summers

Project Title: Computer Simulations of the Effects of Status Dependent Selection
Faculty Sponsor: **Gloria Childress Townsend** (Professor of Computer Science)
Student: Andrew Hadley

*Project Title: Perceptions of Sex and Sexual Onset: A Study of Sex Ed Programming in Putnam County, Indiana
Faculty Sponsor: **Rebecca Upton** (Assistant Professor of Sociology and Anthropology)
Students: Amanda Fenn and Jamie Resseguie

Project Title: The Longer the Better? Axial Elongation and Tail Development in the Two-lined Salamander
Faculty Sponsor: **Janet Vaglia** (Assistant Professor of Biology)
Student: Kurt White

Project Title: Glutamate Antagonist Induced Disruption of Prepulse Inhibition in BALB/C Mice
Faculty Sponsor: **Carrie Van Brunt** (Assistant Professor of Psychology)
Student: Kari Moorman

Project Title: Text and Visuals On-screen and On-stage
Faculty Sponsor: **Christine White** (Assistant Professor of English)
Student: Olufemi Akeredolu

Project Title: The DELUGE Project: A Digital Landform GIS Using Google Earth
Faculty Sponsor: **Scott Wilkerson** (Associate Professor of Geosciences)
Student: William (Billy) Alward

*Ethics Related Projects.