PENNSTATE

Erie The Behrend College

2000-2001 Academic Year Undergraduate Research Grants

Each grant list individual student researcher(s) with respective cooperating faculty member(s) in parenthesis.

School of Humanities and Social Sciences

- Amy S. Brown and Ann M. Brown (Dawn Blasko) - $1000
  "College Student Adjustment, Stress, and Explanatory Style as Predictors of GPA"

- Michael S. Chmielewski (Carl Kallgren) - $500
  "Item Analysis and Norming of the Chmielewski Importance of Religion Scale (CIRS)"

- Erika L. Dauber and Matt A. Jones (Charisse Nixon) - $1000
  "Roosevelt Mentoring Program"

- Banchiamlack Dessalegn, Athena Farantzos, Megan Walsh, and Matthew Stevenson (Dawn Blasko) - $1500
  "Time Perspective among Ethiopian and Greek Biculturals"

- Nicole Dirling (John Gamble) - $488
  "International Law and Globalization"

- Jessica L. Dzuricky, Sara A. Lischerelli, and Ashley M. Williams (Dawn Blasko) - $1312
  "Effects of Emotional Intelligence on Leadership Qualities in Problem Solving"

- Sara A. Lawrence and Mary H. Pietrzak (Dawn Blasko and Victoria Kazmerski) - $600
  "Instructional Development of an Observational Research Tutorial"

- Erin M. Lyons (Dean Baldwin) - $580
  "Discovering the Approaches Actresses Take to Shakespearian Roles"

- Amanda McFarland, Heather Peters, and Brooke Rhodes (Carl Kallgren) - $936
  "The Relationship between Depression and Parenting Styles among College Students"

- Jessica Turos and Amanda Ervin (Victoria Kazmerski and Dawn Blasko) - $600
  "Gender Differences in a Spatial Stroop Task"

- Cynthia K. Young (Charisse Nixon) - $750
  "Relational Aggression Preventions Program for Students (RAPPS)"

School of Engineering and Engineering Technology

- Kevin Barbash (L. Ken Saunders) - $500
  "Stress Concentrations in Drilling"

- Dave Marasco (William Lasher) - $500
  "Prediction of Force Coefficients on a 1/4 Cylindrical Arc Using RANS Simulation"

School of Science

- Amanda Jo Adamski (Mark Pyron and Thomas Spudich) - $750
  "Toxicity of Copper and Zinc in Combination to Lake Erie Crayfish"

- Matthew R. Ahrens (Joseph Paullet) - $500
  "Black Jack and Statistics"

- Timothy T. Baseler (Bruce Wittmershaus) - $495
  "Study of Excitation Energy Transfer between Polystyrene Microspheres and Fluorescent Dyes"

- Gregg T. Beaumont (Bruce Wittmershaus) - $495
  "Indoor Investigation of the Performance of Multiple and Single Dye Concentrations in Luminescent Solar Concentrators"

- Dean M. Cass, Jr. (Mary Chisholm) - $500
  "The Identification of Major Odorants in Clementine Juice Using Gas Chromatography-Olfactometry (GCO) and Gas Chromatography-Mass Spectrometry (GC-MS)"

- Stacy Cox (Thomas Spudich) - $500
  "The Characterization and Use of an Acoustic-Optic Background Correction System for Atomic Emission Spectrometry"

- Gita Dev (Mark Pyron) - $700
  "Habitat Selection in Banded Killifish, *Fundulus diaphanus*"

- Leanne Donovan (James Warren, Jr.) - $750
  "Characterization of a Putative Fragile X Mental Retardation Related Protein Homolog in Zebrafish"

- Jeana Ferilla (Michael Campbell) - $750
  "Characterization of *Ambystoma maculatum* Based on Mitochondrial Sequences"

- Kristin Elisabeth Fleming (Michael Campbell) - $750
  "Purification and Characterization of BCAT"

- Jason A. Jell (Mary Chisholm) - $500
  "Analysis of Clementine Oil Using Column Chromatography, Gas Chromatography-Olfactometry (GCO), and Gas Chromatography-Mass Spectrometry (GC-MS)"

- Lisa Kobylinski (James Warren, Jr.) - $750
  "Characterization of a Putative Apoptosis Related Factor in Zebrafish"

- Tessa Marshall (Thomas Spudich) - $500
  "Radiation Characterization of Photochromic Pt(II) Compounds of *o*-Aminobenzaldehyde and Derivatives"

- Jason B. McLafferty (Bruce Wittmershaus) - $488
  "Development of a Fluorescence Quantum Yield Standard"

- Melissa M. Moser (James Warren, Jr.) - $750
  "Zebrafish *(Danio rerio) tag 1:* Characterizing the Expression Pattern of its Protein Via Whole Mount Antibody Stains"

- Lee Thomas Szkotnicki (Michael Campbell) - $750
  "Localization of Branched-chain Amino Acid Aminotransferase mRNA in Potato"

- Amie E. Uhal (Mary Chisholm) - $500
  "The Identification of Major Odorants in Key Lime Juice Using Gas Chromatography-Olfactometry (GCO) and Gas Chromatography-Mass Spectrometry (GC-MS)"

Research & Outreach

Undergraduate Research