

2000 Undergraduate Student Summer Research Fellowships

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

SCHOOL OF BUSINESS

- Erica Fouse (Peg Thoms) - \$1140
"Analyzing Recruiting Web Sites of the Fortune 100 from the College Student's Viewpoint"
- Jennifer Warner (James Kurre) - \$1200
"Identifying Foreign Trade Partners to Stabilize the Erie Economy"
- Robert White (Diane Parente) - \$1200
"E-Commerce Reverse Auctions"

SCHOOL OF ENGINEERING AND ENGINEERING TECHNOLOGY

- David Rhoades (John Beaumont) - \$1800
"Three-Dimensional Mold Filling Analysis Research"

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

- Teresa A. Bailey (John Gamble) - \$1175
"Classifying 350 Years of Treaties"
- Athena Farantzou (Victoria Kazmerski and Dawn Blasko) - \$1200
"Measuring the Relationship of Working Memory to Metaphor Comprehension"
- Troy Frederick and Beth Frederick (John Gamble) - \$2170
"International Multi-lateral Treaties Before 1648 A.D."
- Jared S. Hawk (John Gamble) - \$1235
"Treaty-Making in the New Millennium: The Case for a Third Way"
- Jonna Zizak and Staci Shawgo (Victoria Kazmerski) - \$1800
"Gender Differences in Response to Different Types of Erotic Videos"

SCHOOL OF SCIENCE (\$28,750)

- Charles A. Barr (Chuck Yeung) - \$1200
"Computer Interface for the Visualization of Three Dimensional Molecular Dynamics Simulations"
- Eric Billman (Mark Pyron) - \$1200
"A Phylogenetic Analysis of Swimming Performance of Minnows (Family Cyprinidae)"

- Gregg T. Beaumont (Bruce Wittmershaus) - \$1200
"Usage of Thin Film Polymers, Liquid Cells and Fluorescent Dyes in Luminescent Solar Concentrators"
- Jamie L. Brubaker (Martin Kociolek) - \$1200
"Development of Methods for the Synthesis of Polyhydroxylated Pyrrolizidine and Indolizidone Alkaloids Possessing Potential Biological Activity"
- Leanne Donovan (James Warren and Larry Eckroat) - \$1200
"Developmental Analysis of Fragile X Syndrome in Zebrafish (*Danio rerio*)"
- Sarah Fry (Michael Campbell) - \$1900
"Determining Genetic Diversity in Black Cherry, *Prunus serotina*, Using Microsatellite DNA Markers"
- Richard L. Gill, Jr. (James Warren) - \$1200
"Sequencing and Characterization of the Zebrafish (*Danio rerio*) Thymidylate Synthase Gene"
- Jeffery Lynn Gustin (Michael Campbell) - \$1300
"Isolation of Functional 3-isopropylmalate Dehydrogenase from the Potato *Solanum tuberosum* via Complementation of a LeuB401 Mutant"
- Thomas M. Haluska (Mark Pyron) - \$1600
"Effects of Urbanization and Industrialization on Benthic Macroinvertebrates and Water Quality on French Creek"
- Kimberly A. Herrmann (Chuck Yeung) - \$1200
"Modeling of Reactive Compatibilization in Polymer Blends"
- Erin Hersman (Larry Eckroat) - \$1800
"Determining Genetic Diversity in Black Cherry, *Prunus serotina*, Using Isoenzymatic Analysis"
- Jason Huntsman (Tracy Halmi) - \$1200
"Separation of Pigments in Paprika by High-Performance Liquid Chromatography"
- Gabriel O. Josset (Michael Campbell and Paul Barney) - \$1200
"Characterization of the Gene Coding for Branched-chain Amino Acid Aminotransferase in *Capsicum chinense*"
- Bryan Katzenmeyer (Thomas Spudich and Alan Jircitano) - \$1200
"Radiation Characterization of Photochromic Pt(II) Compounds of *o*-Aminobenzaldehyde and Derivatives"
- Lisa Kobylinski (James Warren and Larry Eckroat) - \$1200
"Expression Analysis of a Putative Apoptosis Factor in Zebrafish, ZF FAF-1"
- Seth Leslie (Mark Pyron) - \$1500
"Mussels of Presque Isle Bay: Which Fishes are Hosts for Glochidia Larvae?"
- Trent M. Moraski (Mark Pyron) - \$1400
"Distribution Patterns of Fish Species in two Erie County Intermittent Streams"

- KaraLee J. Parsons (Tracy Halmi and Martin Kociolek) - \$1200
"Development of a Convergent Synthesis: A Collaborative Learning Experiment for CHEM 036B"
- Michael N. Perkins (Darren Williams) - \$1400
"The Scattering of Planetesimals by Planetary Bodies in the Early Solar System"
- Lee Thomas Szkotnicki (Michael Campbell) - \$1300
"Localization of Branched-chain Amino Acid Aminotransferase mRNA in Potato"
- Meeghan Trumbull (Mark Pyron) - \$1300
"Male Preference for Banding Pattern in Banded Killifish (*Fundulus diaphanus*)"
- Christopher Won (Thomas Spudich) - \$850
"The Design, Characterization and Use of Reverse Osmosis as a Method of On-line Preconcentration"

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