

Undergraduate Research Projects  
Spring 2011

<b>Student Name</b>	<b>Faculty Sponsor</b>	<b>Funded Project</b>
<b><i>Art</i></b>		
Tracey Belt	Joe DiBella	Materials for independent study, "Human Stone"
Victoria Miller		Materials for project, "Interpretation of the Palermo Mummies through Encaustic Paint"
Emma Max	Joseph Dreiss	Travel expenses for research at the Getty Museum
Tess Buccigrosso	Rosemary Jesionowski	Materials for independent study, "Finding the Individual in Universal Art"
Katelyn Kerns		Supplies and travel expenses for independent research, "Explorations in Bookmaking"
Stephanie Schuda	Lorene Nickel	Materials for individual study, "Porcelain ball-joint dolls"
<b><i>Biology</i></b>		
Carlos Barbery and Kristen Lewis	Dianne Baker	Supplies for research project, "The effect of the herbicide atrazine on gene regulation in the zebrafish"
Mejgan Mukhtarzada	Theresa Grana	Supplies and travel expenses for research project, "Anatomical and Developmental Differences Among <i>Caenorhabditis</i> Species"
Zein Al-Atrache	Lynn O. Lewis	Supplies for research project, "Identification and characterization of <i>Bacillus thuringiensis</i> -specific bacteriophages"
Syeda Baksh	Kathryn Loesser-Casey	Supplies and travel for research, "Cell Fusion and the Growth Factor IGF in Myocardial Repair"
Kelsey Voss	Deborah O'Dell	Supplies for research project, "Gene Activation by Bisphenol A"
Emily Alberto	Abbie Tomba	Supplies and travel expenses for research project, "Behavioral Assay of Crayfish <i>Orconectes rusticus</i> When Exposed to Conspecific Alarm Cue and Biochemical Analysis of Alarm Factor"
<b><i>Chemistry</i></b>		
Benjamin Burruss	Charles Sharpless	Supplies and travel expenses for research project, " <i>Photochemical and physical properties of soil and aquatic natural organic matter</i> "
Jonathan Williams		Supplies for research project, " <i>Exploring Direct Photolysis Mechanisms of Polycyclic Aromatic Hydrocarbons in Non-polar Solvents</i> "
<b><i>Classics, Philosophy, Religion</i></b>		
Michelle Morrison	Liane Houghtalin	Travel expenses to present paper "Narrative Style in Livy Book I" and participate in "Classics Quiz Bowl"
H. Gilmore McLean	Craig Vasey	Travel expenses to attend conference for research project, " <i>How we view food and how that effects the various interactions and ethical implications we (as consumers of food) have with other entities</i> "
<b><i>Earth and Environmental Sciences</i></b>		
Amanda Howland	Ben Kisila	Supplies for research project, " <i>Application of <sup>137</sup>Cs for Soil Erosion Analysis in the Watershed of the Rappahannock River, VA</i> "
Chelsea Wagner		Travel expenses to present research, " <i>Sedimentation rates and trace metal input history in Chincoteague Lagoon-Marsh System derived from Pb-210 and Cs-137 chronology</i> "
Robin Ayers and Isabel Moore	Melanie Szulczewski	Supplies and travel expenses to present, " <i>Investigation of the Macroinvertebrate Bioaccumulation and Level of Recovery of the Waters, Soils, and Sediments of the Contrary Creek, Louisa Count, VA Ecosystem</i> "
Olivia Cooper, Lindsay Walker, and Nathaniel Winston	Neil Tibert	Travel expenses to attend conference and present research, " <i>A Record of Late Holocene Paleosalinity and Sedimentation in the Rappahannock Estuary, VA via Microfossil and Geochemical Analysis</i> "

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<b><i>Economics</i></b>		
Sarah Alvarez and Ashley Cameron	Shawn Humphrey	Travel expenses to attend conference to present research, " <i>La Ceiba Microfinance Initiative presentation</i> "
Laura Dick		Travel expenses to attend conference to present research, " <i>Two Dollar Challenge</i> "
Jacqueline Evans, Elyse Menendez, and Caitlin Payne	Steven Greenlaw	Travel expenses to attend conference and present project at the Eastern Economics Association annual meetings.
Aaron Chandler	Margaret Ray	Travel expenses to present, " <i>Risk Transfer in Financial Markets</i> "
<b><i>Geography</i></b>		
Matthew Holden	Jacqueline Gallagher	Travel expenses to compete in World Geography Bowl
Zachary Wehrmann		Travel expenses to present, " <i>Monitoring of Erosion on Hazel Run, Fredericksburg, VA</i> "
Brian Brown	Stephen O'Connell	Research expenses for project, " <i>Visual Representation of the Fredericksburg Battlefield Park</i> "
<b><i>History</i></b>		
Joseph Calpin	Susan Fernsebner	Supplies and travel expenses for research project, " <i>Reforming Writing: China's Script Reform from the 1950s-1970s</i> "
<b><i>Mathematics</i></b>		
Kathryn Christian,	Jangwoon (Leo) Lee	Travel expenses to present project, " <i>B-Spline Approximations of the Two-Dimensional Heat Equation</i> "
Erin Strange and Teresa Yao		Travel expenses to present project, " <i>Modeling the Diffusion of a Chemical Pollutant</i> "
<b><i>Modern Foreign Language</i></b>		
Emmanuel Carreno-Garcia and Lourdes (Elena) South	Jeremy Larochelle	Travel expenses for research project, " <i>Under the Shadow of the Chullachaqui: Amazonian Literature and Culture</i> "
Lauren Guzinski, Carley McCreedy, Lucia Morey, and Christian Vega	Elizabeth Lewis	Travel expenses for research project, " <i>Women and Charity in Spain, 1786-1939</i> "
<b><i>Political Science and International Studies</i></b>		
Kendall Carty and Anne Morris	Chad Murphy	Travel expenses for research project, " <i>Persuasion in the Bully Pulpit: Expanding Evidence in Presidential Rhetoric and The Effect of Economic Outlook on Presidential Job Approval Rating</i> "
<b><i>Psychology</i></b>		
25 Students	Debra Steckler	Travel and lodging expenses for students and faculty (participating) at the VP A Convention
Lisa Feely, Amanda Halliburton, Bethany Mastroilli and Noah Tucker		Supplies for research project, " <i>Parental Influences on Emerging Adulthood</i> "
Daniel Bice, Alex Morris, Melanie Pacheco, and Joshua Vickstrom	Dave MacEwen	Professional programming help for research project, " <i>Attentional Blink: A Focus on Variation Distracters on Performance</i> "
Anne Cosby, Aliza Sial, Emily Nord, Katrina Shilling and Stephanie Shaeffer	Virginia Mackintosh	Supplies to conduct survey for research project, " <i>The Autism Question: An Exploration into Expectation and the Culture of Recovery</i> "
Susan Ramsland, Victoria Toadvine,	Denis Nissim-Sabat	Supplies to purchase test materials for research project, " <i>Emotional Intelligence and the Effect of False Feedback on Decision Making</i> "

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Rosana Marzullo-Dove		
Stephanie Lichiello, Alexandra Zelin, and Lauren Hartwell	Mindy Erchull	Travel expenses to present research project, " <i>Young Women's Sexual Attitudes and Behaviors: What Predicts "Hook-Ups" and Casual Sex?</i> "
<b><i>Sociology and Anthropology</i></b>		
Stanley Greidinger	Eric Gable	Travel expenses to present " <i>Following the 'Colt' of Gun Collecting</i> "
Thalia Halpert Rodis		Travel expenses to present " <i>Border Control: Greece and views on immigration</i> "
Emily Harris, Colin Jordan, Jena Kincaid, and John Titus Stupfel		Travel expenses to present, " <i>The Anthropology of Storm Chasing</i> "
Erika Yoder		Travel expenses to present project about non-western art.
Laura Dick	Jason James	Travel expenses to present, " <i>Art Networks</i> "
Svyatoslav Petrov		Travel expenses to present, " <i>Virtual Church: A Case Study of Religious Virtual Space Online</i> "
Taylor Poindexter		Travel expenses to present, " <i>Public Space and the formation and maintenance of Inclusion and Exclusion</i> "
Brian MacKercher	Laura Mentore	Travel expenses to present, " <i>Legal Reality in a Cosmopolitan World</i> "
Jeanine St. Lawrence and Dolly Suarez	Debra Schleef	Supplies for research project, " <i>Analysis of Youth Risk Behavior in Rappahannock Region</i> "
Alexandra Zelin		Travel expenses to present, " <i>Hot Nannies and Invisible Day Care Centers: Representations of Child-care Decision-Making on Television</i> "