

Undergraduate Research Projects
Spring 2013

Student Name	Faculty Sponsor	Funded Project
Art		
Kelsey Witt	Joseph DiBella	Independent Study in Painting ARTS 474
Katherine Sleyman Christina Bendo	Jonathan McMillian	National Council on Education for the Ceramic Arts
Chelsea Neal	Marjorie Och	Renaissance Politics and the Antiquities Collection of Isabella d'este
Kristine Woeckener		Velazquez
Biology		
Sarah Eubanks, Scott Cooper	Dianne Baker	Identifying Suitable Genes to use for Quantitative PCR Normalization for Nutritional Studies in Zebrafish (<i>Danio rerio</i>)
Lindsay Raulston, Joshua Slakman		The Effects of Altrazine on Gene Expression in (<i>Danio rerio</i>)
Rafia Virk	Rosemary Barra	Mechanism Analysis for Glucocorticoid-induced Apoptosis in Leukemia T Cells
Jeffrey Branson	Steve Gallik	Using Fluorescent Markers to Label Cell Nuclei
Daniel Brown	Theresa Grana	Nematodes in the Classroom
Jessica Dochney		Nematode Identification and Phylogeny
Anna Kania		Optimization of Genomic DNA Amplification in Nematodes and Phylogenic Analysis
Thy Mai		Imaging Nematode Diversity
Sarah Marzec		Nematode Population Diversity at a Native Paw Paw Site
Peyton Kremer		Abbie Tomba
Chemistry		
Katherine Vanderpool	Janet Asper	Synthesis of Polymeric Materials
Robert Higgins, Karmel James, Eric Johnson	Nicole Crowder and Janet Asper	Present at the American Chemical Society National Meeting
Earth and Environmental Sciences		
Kara Westerfield	Ben Kisila	The effect of Land Use Changes on the Water Quality of Sugarland Run Stream, a Tributary of the Potomac River, VA
Susanna Kirschner, Jenna Stockton	Melanie Szulczewski	Analysis of Phosphorus in the Waters, Soils, and Sediments of the Contrary Creek Ecosystem, Louisa Co., VA
Amanda Parker	Neil Tibert	Paleocological Study of Fossil Deposits
Economics		
Sarah Dengler	Steven Greenlaw	Freebie Freeenzy: Experimental Evidence of the Zero Price Effect
Patrick Marek, Jonathan Blake, and Sam Waskowicz		Travel to the Issues in Political Economy Undergraduate economic research presentations
Patrick Marek, Christopher Rieve, Taylor Knight, Sarah Dengler, Luke Mendelsohn	Margaret Ray	Federal Reserve Bank of Dallas Scholars Program
English, Linguistics, and Communication		
Thomas Pacheco,	Esther Yook	Reflection and Remixes from UMW

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Miriah Young, Russell Michelson, Danielle DeVille, Abigail Yirrah		
<i>Geography</i>		
Emily Hodder	Stephen Hanna	Reading the Heritage Landscape Using a Public History GIS
<i>History and American Studies</i>		
Kelsey Matthews, Kendal Simonpietri, Josephine Appiah	Jess Rigelhaupt	Rosie the Riveter Revisited: Oral History, Digital History, and Memories of the World War II Home Front
<i>Physics</i>		
Lauren Nelson	Hai Nguyen	Moon Spectroscopy
<i>Political Science and International Studies</i>		
William Kyle	John Kramer	America in the Pacific: Pivoting to a New Strategy?
<i>Psychology</i>		
34 Students	Debra Steckler	Travel and lodging expenses for students and faculty (participating) at the VP A Convention
Ann Carroll, Rebecca Smith, Kate Callaghan, Molly Sullivan, Mara Rowcliffe		Information seeking: An experience of emerging adulthood?
Michelle Gnoleba, Charlotte Hagerman, Leanna Papp, Haley Miles-McLean, Caitlin Robertson	Mindy Erchull & Miriam Liss	Body Objectification as a Source of Insidious Trauma: An Investigation of Clinical Consequences
Jesse Vanous, Claire Growney, Melissa Peters	Hilary Stebbins	The Influence of Emotional Faces in the Attention Blink
Erica Christian, Andrea Fritch, Eric Knapp, Mercedes McWaters	Jennifer Mailloux	Facilitation versus overshadowing: Does multimodal input benefit or hinder learning?
Tabitha Ball, Natalie Fraize, Courtney Lynn, Elizabeth Storey	Christine McBride	The Effect of Different Stressors on Eating in Children
<i>Sociology and Anthropology</i>		
Margaret Shaw, Phil Revak-Gree, Jacob Hargis, Emily Brenton	Debra Schleaf	Youth Risk Behavior Study