



HLC Accreditation 2016-2017

Evidence Document

Academic Affairs

Dorothy and Bill Cohen Honors College

Undergraduate Research Grants Awarded in FY 2013-2016

Additional information: Undergraduate Research Grant Program is administered by the Dorothy and Bill Cohen Honors College. The grants support student research and creative/performance projects, and are available to all undergraduate students who meet the eligibility criteria. More details are at the Student Research web page: <http://www.wichita.edu/thisis/home/?u=studentresearch> (accessed June 20, 2016.)

Undergraduate Student Research Grants

FY 2013-2014

	Student Grantee	Faculty Mentor	Faculty Department	Date Awarded	Project Title	Total Original Grant Amount
	Brull, Justin	Beck, James	Biological Sciences	2013-05-01	"Using modern genetic tools to clarify biodiversity in complex groups; a test case in the goldenrods (genus Solidago)."	\$960.00
	Chinn, Melissa	Keebler, Joseph	Human Factors Psychology	2013-05-01	"Training Research and Applied Cognitive Engineering"	\$1,000.00
	Dille, Joseph	Beck, Moriah	Chemistry	2013-05-01	"Palladin's Ig4 Mutation: Exploring the Link with Pancreatic Cancer."	\$1,000.00
	McNair, Thoi	Lewis, Rhonda	Psychology	2013-05-01	"Examining the Opinions of College Students Regarding the Gun Control Debate."	\$875.00
	Moyer, Cale	Schneegurt, Mark	Biological Sciences	2013-05-01	"Salt Tolerant anaerobic bacteria."	\$1,000.00
	Usama, Khondoker	He, Jibo	Psychology	2013-05-01	"How Important Is Color Vision for Driving Safety? A Study of the Change Detection Performance of Driving Scenes."	\$854.00
	Williams, Chandler	Kreinath, Jens	Anthropology	2013-05-01	"How young adults continue to live in a bilingual society in Puerto Rico."	\$1,040.90
	Longhofer, Andrew	Shaw, Carolyn	Political Science	2013-11-01	"They Come Not Single Spies but in Battalions"	\$495.60
	Hannah Lindsey-Schuman	Douglas Parham	Communication Sciences and Disorders	2013-12-18	"Breath Support for Speech Production in Children with Autism"	\$1,000.00
	Mary Maneth	Linda Kliment	Aerospace Engineering	2013-12-18	"Nose Cone Design Research"	\$1,000.00
	Jones, Colyn	Dorr, Darwin	Psychology	2014-03-12	"The Relationship of the Personality Psychopathology Five scales of the MMPI-2-RF to the Grossman Facet scales of the MCMI-III"	\$1,020.00
	Madi, Maha	Joseph Keebler	Human Factors Psychology	2014-03-17	"Reducing Medication Administration Errors in Emergency Medical Services through the Implementation of a Verbal Verification Method"	\$1,000.00
	Sinclair, Spencer	Saenz, Humberto	Fine Arts	2014-03-17	Mezzotints	\$1,000.00
	Stillwell, Lindsey	Grant, Natalie	School of Social Work	2014-03-17	"A Lost History: Finding, Writing, and Sharing the History of the Historic Dunbar Theater."	\$1,000.00
	Turner, Colton	Chaparro, Alex	Psychology	2014-03-17	"Pedestrian Detection in A Night Time Driving and Texting Task"	\$1,000.00
	Ha, Kelly	Rui Ni	Human Factors Psychology	2014-04-21	"Exploring the Relationship between Eye-Hand Coordination and Interest in Sports."	\$1,000.00
	Hayes, Charles	Rui Ni	Human Factors Psychology	2014-04-21	"Assessment of Visual discomfort of Stereoscopic Displays in a Movie Theater Environment."	\$1,000.00
	Seow, Kok-Leong (Andy)	Jibo He	Psychology	2014-04-21	Confidential	\$1,000.00
	Smith, Brandon	Jens Kreinath	Anthropology	2014-04-21	"The Influence of Sustainable Action on Cultural Conflicts in the Middle East: A Turkish Example."	\$908.00
	Turner, Kirsten	Barbara Chaparro	Psychology	2014-04-21	"Text Input and Reading Tasks on Small Screen Devices."	\$1,000.00
	Williams, Chelsea	Parham, Douglas	Communication Sciences and Disorders	2014-04-21	"Speech Breathing During Turn-Taking in Mother-Infant Interaction"	\$1,000.00
	Pfannenstiel, Ashton	Barbara Chaparro	Psychology	2014-05-08	"An Investigation of the Usability and Functionality of Health and Fitness-Tracking Devices."	\$1,000.00

 \$21,153.50

Undergraduate Student Research Grants 2014-2015

Student Grantee	Faculty Mentor	Faculty Department	Date Awarded	Project Title	Total Original Grant Amount
Wright, Corissa	Scherz, Julie	Communication Sciences and Disorders	2014-07-01	"Augmentative and Alternative Communication"	\$1,000.00
Krehbiel, Riley	Angela R. Demovic	Anthropology	2014-07-01	"The Lure of New Orleans: Transplants, Natives, and the Construction of Authenticity"	\$1,000.00
Saiz, Stan	Moriah Beck	Chemistry	2014-07-01	"Investigation of Pancreatic Cancer Mutation in the Ig4 Domain of Palladin"	\$1,000.00
Tuck, Rachel	Russell, Leland	Biology	2014-10-07	"Correlation of Altitude and Latitude to the Morphological Traits of <i>Cirsium canescens</i> "	\$993.78
Davis, Rhonda	Bubp, Robert	Art, Design, and Creative Industries	2014-11-04	"Joshua Tree Visual Documentation Project"	\$1,000.00
Gisick, Logan	Palmer, Evan	Psychology	2014-12-01	"Medication Vial Search"	\$1,000.00
Johnston, Haley	Parham, Douglas	Communication Sciences and Disorders	2015-01-13	"Speech Breathing in Children with Autism Spectrum Disorder"	\$995.50
Noor, Aneek	Hwang, Gi Suk	Mechanical Engineering	2015-01-13	"Development of Optimal Water Management System for a Proton Exchange Membrane Fuel Cell (PEMFC)"	\$1,000.00
Regier, Lindsey	Parham, Douglas	Communication Sciences and Disorders	2015-01-13	"Mother-Infant Interaction: The Role of Speech Breathing"	\$995.50
Dee, Emily	Perez, Kathleen	Sociology	2015-02-16	Attend the 16th Annual Meeting of the Society for Personality and Social Psychology (In Long Beach, California)	\$1,000.00
Bey, Alissa	Pearson, Jennifer	Sociology	2015-03-08	"Religiosity and Sexual Shame among Young Women"	\$452.34
Salerno, Martina	Mahapatro, Anil	Biomedical Engineering	2015-03-18	"Laser Surface Treatment to Enhance Biointegration of Orthopedic Implants"	\$995.00
Wetiba, Alvine	Gray, Keith	Geology	2015-03-18	Fracture Patterns of South-Central Kansas	\$1,000.00
Merry, Andrew	Ni, Rui	Psychology	2015-03-25	The Use of EEG in Detecting Driver Distraction	\$1,000.00
Hund, Hannah	Brooking, Gary	Biomedical Engineering	2015-04-06	An Analysis of the Function of Conductive Textiles in Wearable Surface Electromyography Devices	\$1,000.00
Longfellow, Tyler	Ray, Jennifer	Art, Design, and Creative	2015-04-06	Holographic Portraiture	\$1,000.00
Manickavasagar, Yatharsana	Hwang, Gi Suk	Mechanical Engineering	2015-04-06	Development of Thin Sample Thermal conductivity Measurement	\$975.32
Omoarebun, Ehiremen	Dutta, Atri	Aerospace Engineering	2015-04-06	Analyzing the Dynamics of Spacecraft with Varying Moments of Inertia.	\$800.00
Smith, Jennifer	Houseman, Gregory	Biology	2015-04-06	Effects of fire on forb germination and survival in a south-central Kansas tallgrass prairie	\$1,000.00
Vishnefske, Paul	Moscoso-Kingsley, Wilfredo	IMfgEng	2015-04-06	A study of the mechanism of material removal in bone modulation cutting	\$1,000.00
Weeraperuma Achchi, Nirosha	Moscoso-Kingsley, Wilfredo	IMfgEng	2015-04-06	Force and temperature in modulation-assisted drilling of bone tissue	\$1,000.00
Weng, Qi Heng	Hwang, Gisuk	Mechanical Engineering	2015-04-06	Development of Heterogeneously Surface Treated Gas Diffusion Layer of High Performance and Low Cost Proton-	\$1,000.00

\$21,207.44

Undergraduate Research and Creative Activity Grant Awards 2015-16

Student Grantee	Faculty Mentor	Faculty Department	Date Awarded	Project Title	Total Original
Akbar, Mohammed (Danyaal)	He, Jibo	Psychology	2015-10-27	Using Smartphone and Smartwatch Data to Identify Drivers	\$1,000
Berndt, Marcus	Palmer, Evan	Psychology	2015-11-20	Psychophysiological Effects of Virtual Reality Immersion	\$1,000
Smith, Caleb	Buerge, Brandon	Aerospace Engineering	2015-11-20	Reducing aerodynamic drag in flow around circular cylinder by means of Plasma Actuation	\$1,000
Samarakone, Isuri	Clark, Charles	Psychology	2016-01-11	The impact of gender equality on resource allocation	\$960
Esquivel, Jose	Yihun, Yimesker	Mechanical Engineering	2016-02-08	Development and Design of a Hand Exoskeleton for Rehabilitation	\$1,000
Gonzalez, Jesus	Mahapatro, Anil	Biomedical	2016-02-08	Porous metallic coatings on magnesium	\$1,000
Massey, Tiffany	Allen, Neal	Political Science	2016-02-22	Race and Immigration in Transatlantic Context: British Racism and American Economic Anxiety	\$1,000
Nguyen, Thao	McDonald, David	Biological Sciences	2016-03-10	Examination of the antimicrobial effects of Allicin on the growth of Staphylococcus aureus in culture	\$215
Verble, Shelby	Parham, Douglas	Communication Sciences and	2016-03-22	Acoustics of Speech Production in Young Children with Autism Spectrum Disorder	\$1,000
Wojciechowski, Britta	Sterrett, Susan	Philosophy	2016-03-22	Bringing the 'Original Imitation Game' to Life	\$1,000
Ahlstedt, Matthew	Yihun, Yimesker	Mechanical Engineering	2016-03-22	Design and Control of a 5 DOF Wheelchair-Mounted Robotic Arm	\$1,000
Alao, Esther	Beck, Moriah	Chemistry	2016-03-22	Effect of mutations to non-conserved regions on structure and function of Lactate Dehydrogenase (LDH)	\$1,000
McLinn, Kory	Russell, F. Leland	Biological Sciences	2016-03-22	Herbivory Preference of White-Tailed Deer in the Riparian Zones of Konza Prairie	\$1,000
Olayinka, Olaseeni	Li, Bin	Mechanical Engineering	2016-03-22	Soy Protein-Based Surfactant Materials for Polymer Nanocomposites	\$1,000
Moss, Joseph	Bubp, Robert	Art & Design	2016-03-22	Visiting Artist Demonstration: Woodblock Printing In (and Out of) the Professional Setting at the Coachella Valley Art Center, Indio, CA.	\$1,000
Womack, Samuel	Beck, Moriah	Chemistry	2016-03-27	Site Directed Mutagenesis and FRET Analysis of Palladin Interactions	\$1,000
Doan, Thien	Ray, Jennifer	Art & Design	2016-04-21	Cyanotype Research	\$1,000
Mayorga, Jasmine	Bann, James	Chemistry	2016-04-21	Structure analysis of pore formation of PA Fluorescence	\$1,000

Pham, Tran	Gu, Shuang	Mechanical Engineering	2016-04-21	Visualizing stability and reactivity of organic cations via Quantum-Chemical computation for next-generation polymer materials design	\$1,000
Duling, Carter	Yihun, Yimesker	Mechanical Engineering	2016-04-21	Wheelchair Mounted Robotic Arm Machining and Assembly	\$1,000
Treeweke, Cassidy	Strattman, Kathy	Communication Sciences and	2016-04-21	English-Influenced Spanish Phonetics	\$1,000
Nisly, Erin	Kahn, Melvin	Political Science	2016-04-21	Tort Reform and Revitalization of an Industry: Issue Dimensionality and the Necessity of Catalytic Groups	\$1,000
Sabra, Mohd	Milberger, Karen	Computer Science	2016-04-21	Virtual Academy	\$1,000

\$22,175