



# Grants and Sponsored Projects

**Funding Year in Review**

**July 1, 2013 - June 30, 2014**



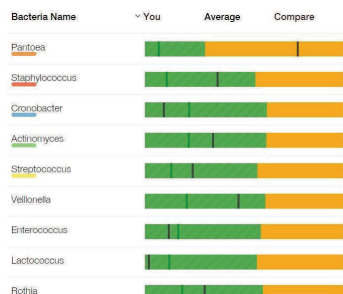






## Kutztown University Research Committee Funding

The Kutztown University Research Committee provides funding to support research, scholarly activity and professional development. The maximum award is \$8,000.



### Angelika Antoni

College of Liberal Arts & Sciences | Biological Sciences

#### Fecal Microbiome Analysis from Premature Infants in the Neonatal Intensive Care Unit

**Amount Awarded:** \$7,690

**Overview:** The microbial contents of a human gut are incredibly important for health. We know the consequences of an unhealthy gut and we strive to help infants develop a healthy complement of organisms, but we don't exactly know which organisms are healthy, whether the same organisms will be healthy in all individuals throughout their development, or even the origin of the healthy organisms that colonize the newborn's gut. This research seeks to test hypotheses that 1) healthy guts can include a variety of different organisms but that lack of certain organisms will correlate with health problems, 2) the newborn's diet or medical interventions (e.g. antibiotics) will greatly affect the types of organisms that colonize the gut, 3) monitoring the gut microbes of pre-term infants can alert the medical staff to potential health issues, and 4) methods that would seek to introduce or encourage the healthy organisms may prevent health issues.



### Daniel Aruscavage

College of Liberal Arts & Sciences | Biological Sciences

#### Comparing the Intestinal Flora of Primarily Breast Fed and Primarily Formula Fed Pre-term Infants

**Amount Awarded:** \$6,350

**Overview:** This project is designed to identify trends in the intestinal flora of premature infants based on their age and feeding regimen. Feeding with breast milk has been shown to limit the incidence of serious intestinal disease in pre-term infants. While the intestinal flora of breast fed infants is different from the intestines of formula fed infants, it is unknown how long after feeding that the bacteria colonize the intestines and if they significantly change as the child ages. In addition, by understanding the intestinal flora and their physiological characteristics, preventative and diagnostic measures can be created to help in the reduction of intestinal disease.




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## Kunal Das

College of Liberal Arts & Sciences | Physical Sciences

### Topological Features in the Dynamics of Ultracold Atoms

**Amount Awarded:** \$8,000

**Overview:** Topology, the ultimate generalization of geometry, provides a profoundly different way to understand quantum mechanical states of electrons and atoms. This has had a significant impact on our understanding of electronic systems. This research proposes to apply topological ideas to systems of ultracold atoms with unique advantages that allow examining the underlying physics over a much broader and flexible range of parameters. The research will seek out hidden topological features in the transport dynamics of ultracold atoms, with specific consideration of some outstanding problems related to the phenomena of quantum pumps, gauge fields and Sagnac effect. The results of this study can have potential applications in developing improved force and rotation sensors, in addition to providing explanations of some fundamental quantum mechanical phenomena. Several undergraduate students are involved in this research.




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## Rose DeSiano

College of Visual & Performing Arts | Fine Arts

### The Boys and Men of a War Imagined

**Amount Awarded:** \$3,374

**Overview:** Funding will be used for the production of a two-part artwork series that will culminate in an exhibition.

“War Tapestries” is a set of exquisite large-scale photo-based jacquard woven fabrics. The composition will be constructed through a process of digitally merging and manipulating original photographs taken at a variety of WWII and Vietnam War reenactments. Each tableau is a battle scene including soldier re-enactors, original military machinery, and weaponry all situated in landscapes in which these fictitious battles take place. This image amalgamation and medieval tapestry process references the long history of battle tapestries that conflate history with myth.

“Men of War” is a collection of photographs portraying real war veterans displayed alongside reenacted battle scenes of the war in which they served. Real life veterans often use these events to cathartically relive personal trauma within the familiar context of war. The juxtaposition functions symbolically to represent the inconsistencies between the beliefs and behavior in these war games and American military culture.





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## Kurt Friehauf

College of Liberal Arts & Sciences | Physical Sciences

### **Did Steeper Geothermal Gradients in the Paleoproterozoic Affect Metal Budgets in Porphyry Copper Systems by Increased Assimilation of Crust?: Re-Os Characteristics of the Haib Porphyry District, Namibia**

**Amount Awarded:** \$7,920

**Overview:** Kutztown University faculty and undergraduate student researchers analyzed rhenium and osmium isotope compositions of metallic minerals in the world's oldest, undeformed copper deposit to determine if hotter deep-earth conditions that existed 2 billion years ago significantly affected the assimilation of metals by ascending molten magmas as they passed through the earth's crust. The Haib deposit in Namibia's southern desert is the only place on earth where this hypothesis can be tested. Analysis of the samples taken during an industry-funded expedition in 2011 provided valuable research experience for three KU undergraduate students who will present their results at the international Geological Society of America meeting in Vancouver, British Columbia, in October and, ultimately, in a major, peer-reviewed scientific journal.



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## Michael Gambone

College of Liberal Arts & Sciences | History

### **War without Words: The Trials and Triumphs of American Veterans from World War II to Korea and Vietnam**

**Amount Awarded:** \$1,620

**Overview:** A study of veterans over the course of three wars (World War II, Korean, and Vietnam) is measurable in many respects. Veterans were a distinct constituency with respect to the remainder of American society. Their initial military service, a feature that can be measured in combatant and non-combatant specialization, sets them apart from the general public. Similar differences appear with respect to federal benefits (variations of the G.I. Bill) and their application to education, home ownership, and entrepreneurship, among many other features of social history.

Just how far these distinctions might extend is one point of the research. Veterans did comprise a distinct political constituency between 1945 and 1975, for example. However, there are limits to how much this influenced collective decisions. A precise examination of polling data, voting patterns and other relevant information is necessary to answer this question.

(Michael Gambone continued)

There are also numerous points of comparison between the three respective generations of veterans. Employment, drug use, educational standards, health, and many other factors vary considerably over thirty years. Part of this study will be dedicated to understanding the sources and influence of these distinctions.



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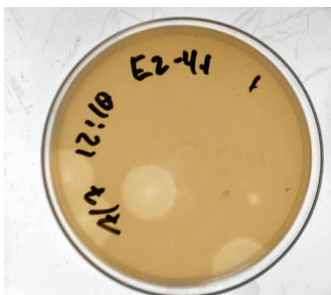
## Daniel Haxall

College of Visual & Performing Arts | Fine Arts

### **The Modern Painter's World: Robert Motherwell, Literature, and the Art of Writing**

**Amount Awarded:** \$728

**Overview:** Dr. Haxall has been selected to curate a forthcoming exhibition of Robert Motherwell's art by the Museo de Arte Contemporaneo Esteban Vicente in Segovia, Spain. The exhibition is titled, *The Modern Painter's World: Robert Motherwell, Literature and the Art of Writing*, to indicate Dr. Haxall's curatorial premise: the influence of literature and writing on the visual art of Motherwell. The exhibition will open in September 2015 to honor the artist's centenary, and it will travel to two other venues, one in Europe and one in the United States. As curator, Dr. Haxall will select artworks included in the exhibition and write the accompanying scholarly catalogue. It is anticipated that the catalogue will run 10,000 words in length (approximately 30-40 pages of text, with over 60 illustrations).



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## Richard Heineman

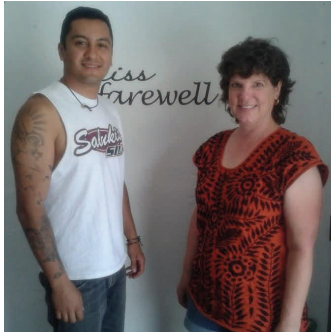
College of Liberal Arts & Sciences | Biological Sciences

### **Evolution of T7 Bacteriophage on a Plaque**

**Amount Awarded:** \$2,500

**Overview:** Biofilms are collections of bacteria stuck to each other and a surface. These are important medically and ecologically. Viruses that attack bacteria might be useful for destroying these biofilms, and knowing how viruses evolve while infecting dense cells with fixed spatial relationships might help us to understand the natural diversity of these viruses. Dr. Heineman will investigate this question by adapting T7 bacteriophage, a virus that infects bacteria, to grow on dense cells on a petri dish and observing results.






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## Cheryl Hochberg

College of Visual & Performing Arts | Fine Arts

### Residency at Arguotopia in Oaxaca, Mexico

**Amount Awarded:** \$2,340

**Overview:** Professor Hochberg will attend a 5 week residency at Arquetopia Artist-in-Residence program in Oaxaca, Mexico. Her recent artwork has depicted animals. While in Mexico, Professor Hochberg intends to gather visual material from the wildlife in areas surrounding the city for use as subject matter. From this reference material she will make 4-6 works and participate in an exhibition at a gallery while in Mexico, and will continue to use the material when she is back at Kutztown University. In addition to working on-site in Mexico, Professor Hochberg is interested in the local contemporary art scene, which is very political in nature, as well as the historical Mexican design sensibility that is widely evident. Both of these will affect the work she will perform on site and afterwards.




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## Yongjae Kim

College of Business | Sport Management & Leadership Studies

## Soojin Kim

College of Business | Sport Management & Leadership Studies

### An Exploratory Investigation of Effects of Sport Video Gaming on Sport Brand Attitude and Behavior

**Amount Awarded:** \$5,000

**Overview:** The purpose of this research is to test whether repetitive sport video gaming fosters strong attitudes toward a real-life sport brand, which guides the sport brand choice behavior. For the purpose of this study, an experiment is designed to test the attitude-behavior consistency in a hypothetical choice situation. More specifically, the four experimental conditions (one, three, and seven exposure conditions and a direct experience condition) will be utilized. The Analysis of Covariance in SPSS will be utilized to test the hypotheses developed in this study. Using a convenience sampling technique, a total of 200 undergraduate students enrolled at Kutztown University will be recruited through classroom announcements. The findings of this study will be used in efforts to unravel the potential of sport video games as a marketing tool and enrich new media effectiveness literature with a theoretical framework in sport consumers' behavior.



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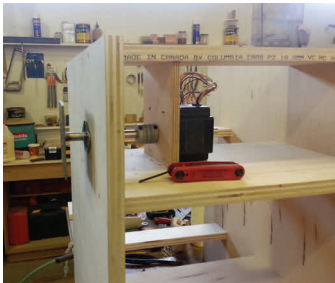
## Lynn Kutch

College of Liberal Arts & Sciences | Modern Language Studies

### The Effectiveness of the Collaborative Writing Workshop Model to Improve Writing Skills and Cultural Competence in Advanced Students of German

**Amount Awarded:** \$3,718

**Overview:** This grant will support research on the applicability and effectiveness of the writing workshop model for boosting target language writing and critical thinking skills in advanced students of German. Students will take part in a writing workshop to be held in Tübingen, Germany, in June 2014. The seminar will offer students authentic opportunities for engagement with the target culture and collaboration with a professional German author. In this setting, and in collaboration and cooperation with their KU instructor, students will enhance their writing aptitude, boost cultural competence, and further develop skills necessary for general academic success in the foreign language classroom, as well as to prepare for the standardized Writing Proficiency Test (WPT) required of all KU language majors.



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## Inmi Lee

College of Visual & Performing Arts | Art Education & Crafts

### I am Second-Guessing Your (Pain)

**Amount Awarded:** \$4,641

**Overview:** Dr. Lee will create two sound sculptures that explore the relationship between language and human's most basic emotion, pain. Pain does not have a referential content and is, therefore, difficult to be rendered in language, as it has "the ability to destroy language" and silence it. Each sculpture consists of a pendulum, with a directional speaker attached to it. As the speakers swing back and forth, the sound of screams is produced, bouncing off all of the space's surfaces, and creating a sonically immersed space of pain.

**"Education is the power to think clearly,  
the power to act well in the world's work,  
and the power to appreciate life."  
- Brigham Young**



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$$X_{new,j} = X_{i,j} + r * (X_T - T_p)$$

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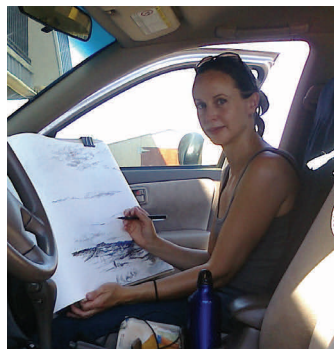
## Yun Lu

College of Liberal Arts & Sciences | Mathematics

### Teaching-Learning Based Optimization Algorithm for the Set Covering Problem

**Amount Awarded:** \$4,725

**Overview:** The set covering problem (SCP) is a class of representative combinatorial optimization problems. It is developed by finding a subset of columns in a zero-one matrix such that they cover all the rows of the matrix at a minimum cost. SCP is central in a wide variety of practical applications for which finding good feasible solutions quickly is crucial. It is well known that the SCP is NP-hard (Non-deterministic Polynomial-time hard) in the strong sense. For this reason, many research efforts have been focused on the development of heuristics to find good or near-optimal solutions within a reasonable period of time. In this project, a novel approach of Teaching-Learning Based Optimization (TLBO) Algorithm will be investigated, improved, and carefully applied toward the SCP. TLBO algorithm is a recently developed, population-based optimization algorithm inspired by passing on knowledge within a classroom environment, where learners first acquire knowledge from a teacher and then from classmates. The effectiveness of the improved TLBO algorithm will be tested on a list of classical SCPs in the Beasley Operation Research Library. Furthermore, its performance will be analyzed and compared with those of well-known algorithms including genetic algorithm, differential evolution, and ant colony optimization.




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## Margaret Noel

College of Visual & Performing Arts | Fine Arts

### Copperpoint Drawings along the Allihies Copper Mine Trail, Ireland

**Amount Awarded:** \$1,450

**Overview:** As an artist, Professor Noel's primary interest centers on the relationship of industrial architecture to the surrounding landscape. In the spring of 2015, she will be traveling to Allihies, Ireland, a major copper mining center of the 19<sup>th</sup> century. Professor Noel plans to draw the landscape around the region from direct observation, called working *en plein air*, meaning "in the open air." The drawings will be executed in copperpoint, a precise drawing material first used in medieval manuscripts and drawings, and comprised of a copper wire bound in a stylus. These *plein air* copperpoint drawings will become the basis for a series of finished large paintings, culminating in a solo exhibition at the Tony Hungerford Memorial Gallery at the College of Southern Maryland in January 2016.



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## John Riley

College of Liberal Arts & Sciences | Political Science

### **Reconceiving Security: An Investigation into the Role of International Organizations in the Creation and Implementation of the Security Sector Reform Norm**

**Amount Awarded:** \$5,000

**Overview:** Dr. Riley and an undergraduate student conducted interviews with policy makers, leaders within civil society, and media representatives from Sierra Leone, as well as with leading development experts from Western agencies in Britain, Germany, and the United States. The project traced the emergence and spread of a development paradigm called Security Sector Reform, and establishes this policy as an empirically valid and measurable manifestation of an overarching human security norm in international relations and development. At the time of writing, this project has resulted in co-authored scholarship under review at the *Journal of International Relations of Development*, and is aimed at aiding our understanding of international norm-generation from a positivist point of view. Beyond the generation of academic output, this grant shows the value of student-faculty collaboration practiced at Kutztown University.



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## Wendy Ryan

College of Liberal Arts & Sciences | Biological Sciences

### **Long-term Study of Marine Mammal Behaviors at Mystic Aquarium**

**Amount Awarded:** \$1,000

**Overview:** The study aims to: 1) extend long-term observations of the behaviors of marine mammals (Beluga whales, seals, and sea lions) housed in outdoor exhibits to determine if they are influenced by seasonal change; 2) study the behaviors of these marine mammals in response to changing group composition; 3) build a dedicated team of KU undergraduate researchers; and 4) develop teaching materials that can be used nationally to aid precollege students to gain an appreciation for the process of science, using actual project questions and data. The study and protocol for data collection are already in place and have been used consistently by student researcher teams for almost three years. Data from this project have already been used to develop an educational activity that is being used in programs at Mystic Aquarium, and there is another in the last stages of development. There is currently one manuscript in draft form that addresses the



(Wendy Ryan continued)

impact of time of day and season on the diving patterns of the Beluga whales and Steller sea lions. Moving forward, we will focus on expanding our analysis and plan to develop at least one more publication on the behaviors of the seals and sea lions.



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## Kim Shively

College of Liberal Arts & Sciences | Anthropology & Sociology

### Investing in the Afterlife: Charitable Practices and Religious Thought among Members of a Muslim Religious Movement

**Amount Awarded:** \$4,200

**Overview:** In the last three decades, neoliberal economic changes in Turkey have led to the expansion of civil society organizations, including an increasing number of faith-based philanthropic movements. In this project, Dr. Shively conducted ethnographic fieldwork among members of the Hizmet movement, a particular religiously oriented, philanthropic association inspired by the teachings of the influential Turkish theologian, Fethullah Gülen. The project involved participant observation research and interviews with Hizmet group members, with the goal of understanding how participants' theological concepts and devotional practices relate to the development of Hizmet charitable activities in both Turkey and the U.S.



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## Edward Simpson

College of Liberal Arts & Sciences | Physical Sciences

### Quicksand Trapping as a Viable Mechanism for the Accumulation of Cretaceous Utahraptors

**Amount Awarded:** \$6,600

**Overview:** The Lower Cretaceous strata of central Utah contains a spectacular mass death bone bed comprised of a spectrum of aged *Utahraptors* and iguanodonts. The dinosaurs were entombed in two lens-shaped, fine-grained sandstone deposits, linked by a near cylindrical dike. Exposed in the quarry walls are soft-sediment, syndepositional faults consistent with fluid expulsion followed by surface collapse. Intergranular clays in lens-shaped sandstones coupled with the possible saline groundwater composition caused the water-saturated sand to convert easily to quicksand by altering sediment viscosity, hence decreasing the probability of dinosaur escape. This trapping and killing mechanism was generated by development of a localized artesian spring system and is the first-such kill mechanism documented with dinosaurs as victims.




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## Dan Talley

College of Visual & Performing Arts | Fine Arts

### Large Scale Digital Landscapes

**Amount Awarded:** \$4,000

**Overview:** Professor Talley will produce three 44" x 66" framed digital photographs. Aesthetically, his current research explores the photographic landscape and the impact of physical scale in this work. The large-scale of the pieces connects them to the 19th Century painted landscape tradition of the Hudson River School. Technically, the project involves "image stitching," a method of production that involves capturing multiple frames of a particular view that are then digitally stitched, blended, and retouched to create a final unified image. Professor Talley will use funding to cover production costs incurred in making these pieces "exhibition ready," since the physicality of the work is crucial to the viewer's reception, reaction, and understanding of the artistic intention.




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## Sarah Tindall

College of Liberal Arts & Sciences | Physical Sciences

### Experimental Investigation of Mountain Belt Curvature using Physical Analog Models

**Amount Awarded:** \$6,380

**Overview:** Major mountain systems worldwide, like the Appalachians, the Sevier Mountain belt in the American west, and the Spanish Pyrenees, are comprised of a series of broad, map-view curves. One proposed cause of mountain belt curvature involves differences in the strength of layered sedimentary rocks in Earth's crust as mountain systems develop. Weak sedimentary layers can act as detachments or glide horizons, allowing some regions of the mountain system to move farther or grow faster than others. In this project, physical analog models – scaled-down experiments mimicking the behavior of Earth's crust – are used to examine whether lateral variations in the strength of sedimentary layers can cause mountain belt curvature, and if so, to identify patterns in the structure of the resulting mountain system that can be used to identify this causative mechanism in future field studies.

## Kutztown University Research Committee Facts

The Research Committee awarded \$87,236 in grants to 21 faculty members (20 awards). Research was funded in the following disciplines: biology, physics, fine arts, geology, history, sport management and leadership studies, modern language studies, art education and crafts, mathematics, and political science.

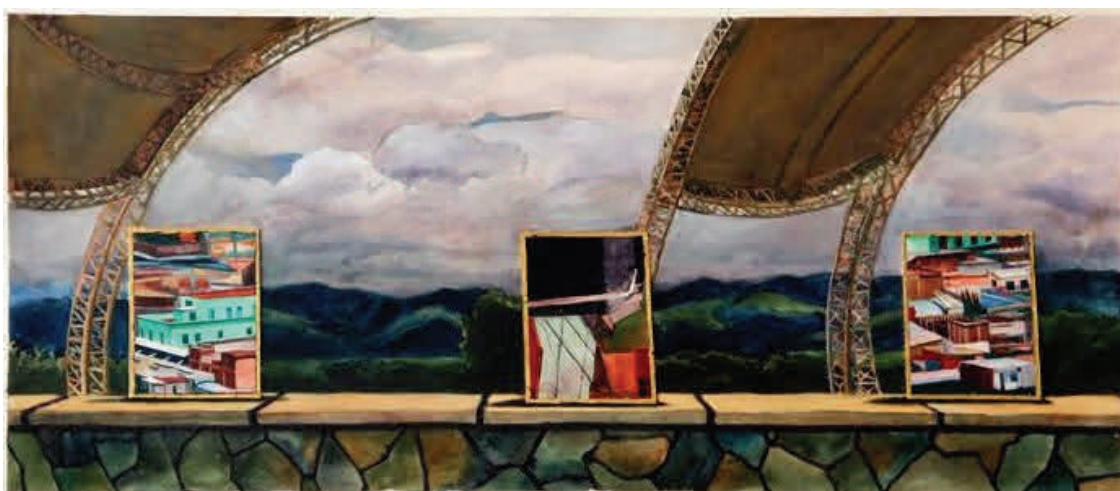
	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
<b>Received</b>	16	17	14	28	19	28
<b>Awarded</b>	16	14	12	21	17	20
<b>Total Requested</b>	\$ 63,212	\$ 57,740	\$ 68,676	\$ 178,596	\$ 100,940	\$ 144,454
<b>Total Awarded<sup>1</sup></b>	\$ 49,990	\$ 54,069	\$ 51,860	\$ 86,266	\$ 82,421	\$ 87,236
<b>Annual Funding Available</b>	\$ 50,783	\$ 50,783	\$ 50,783	\$ 75,783	\$ 75,783	\$ 75,783

Total Awarded may exceed Annual Funding Available due to the return of grant funding not expended from prior awards.

## Kutztown University Undergraduate Research Committee Funding

The Undergraduate Research Committee primarily supports laboratory or field research, as well as research projects in the arts, humanities, and computer science. Funding is available for undergraduate students who plan to conduct research and/or present their research at conferences or research symposiums. The committee awarded 35 students funding, for a total of \$31,739.

	SUBCOMMITTEES		TOTAL
	Science	Arts & Humanities	
<b>Received</b>	30	5	35
<b>Awarded</b>	30	5	35
<b>Total Awarded</b>	\$ 27,709	\$ 4,030	\$ 31,739





## **EXTERNAL FUNDING**



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### **Frances Cortez-Funk**

Academic & Student Affairs | Health & Wellness Services

#### **Kutztown Living Program**

**Funding Source:** Pennsylvania Liquor Control Board

**Amount Awarded:** \$39,986

**Overview:** Kutztown University seeks to reduce underage access and underage choice of alcohol consumption in the Kutztown Borough by using new community environmental strategies that include Communities Mobilizing for Change, EVERFI's AlcoholEdu for College Students for first-year students, peer-to-peer development, alcohol prevention educational outreach, and social norming. Our goal is to reduce students' access and underage choice of alcohol consumption self-reporting by 2.5% at the conclusion of the grant program.



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### **Gail Craig**

Academic & Student Affairs | Academic Enrichment

#### **Student Support Services Program (SSSP)**

**Funding Source:** U.S. Department of Education

**Amount Awarded:** \$277,055

**Overview:** Students with the motivation and the potential to succeed in college are given support to help realize their academic, personal, and career goals. Eligible students must be first-generation or learning disabled and meet certain academic and economic criteria.

SSSP provides students with opportunities for academic development, assists them with college requirements, and motivates them toward the successful completion of their degrees. The program provides academic tutoring, advice and assistance in course selection, assistance with information on obtaining financial aid, education to improve financial and economic literacy, and assistance in applying for admission to graduate and professional programs.

In keeping with the University's mission, the program helps prepare its students "to meet lifelong intellectual, ethical, and career challenges" through intrusive advisement, counseling, tutoring, learning communities, mentoring, support groups, awards, an honor society, and cultural activities.




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## Duane Crider

College of Business | Sport Management & Leadership Studies

### Entrepreneurial Leadership Centers-Student Business Plan Competition

**Funding Source:** Pennsylvania State System of Higher Education

**Amount Awarded:** \$8,300

**Overview:** The Entrepreneurial Leadership Center (ELC) fosters academic, entrepreneurial and leadership opportunities for University students, faculty and staff through interactions with businesses, industry, and non-profit organizations in our region. In essence, the ELC serves as an opportunity hub where the University community can connect to a network of entrepreneurial partners and stakeholders. The ELC has four core areas: 1) experiential learning projects for students, which provide the students with an opportunity to demonstrate business skills and work experience in an entrepreneurial setting; 2) a student business incubator, where student-run businesses have access to resources; 3) an expansion of the entrepreneurial curriculum to include an entrepreneurship minor; and 4) a yearly entrepreneurial competition for students called the Business IDEA Competition. The funding from this grant is primarily used to support the student IDEA competition.




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## Kunal Das

College of Liberal Arts & Sciences | Physical Sciences

### Topological Features in the Dynamics of Ultracold Atoms

**Funding Source:** Pennsylvania State System of Higher Education

**Amount Awarded:** \$10,000

**Overview:** Topology, the ultimate generalization of geometry, provides a profoundly different way to understand quantum mechanical states of electrons and atoms. This has had a significant impact on our understanding of electronic systems. This research proposes to apply topological ideas to systems of ultracold atoms with unique advantages that allow examining the underlying physics over a much broader and flexible range of parameters. The research will seek out hidden topological features in the transport dynamics of ultracold atoms, with specific considerations of some outstanding problems related to the phenomena of quantum pumps, gauge fields and Sagnac effect. The results of this study have potential applications in developing improved force and rotation sensors, in addition to providing explanations of some fundamental quantum mechanical phenomena. Several undergraduate students will be trained in theoretical physics research involving numerical computations. Results will contribute to the current grant from the National Science Foundation, and strengthen future grant applications.

(Kunal Das continued)

## **RUI: Topology, Gauge Fields and Quantum Phase in the Transport of Dynamics of Ultracold Atoms**

**Funding Source:** National Science Foundation

**Amount Awarded:** \$120,000

**Overview:** This research will examine the role of topological features in the transport dynamics of a broad range of phenomena in the context of ultracold atoms and quantum optics. As the most general description of Hilbert spaces of quantum states, topology can lead to a unified description of seemingly unrelated phenomena, providing a bridge to connect results and paradigms of AMO (atomic, molecular and optical) physics with other areas of physics. The general goal will therefore involve the simultaneous study of multiple transport mechanisms to allow comparison amongst them while seeking out their topological commonalities. The immediate motivation arises from strong current interest in states and systems with distinctly topological features in mesoscopic electronics and the recent experimental success in AMO systems in creating some of the essential ingredients like synthetic gauge fields and spin-orbit coupling. This research will meet the existing need to understand these new phenomena by conducting theoretical studies in tandem with developing experiments to specifically examine them in the substantially distinct context of ultracold atoms. It will be a priority for this project to develop and expand the undergraduate research in theoretical physics at Kutztown University started under a prior grant.

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## **Linda Friscia-Oppe**

Academic & Student Affairs | Career Development Center

## **WEDnetPA Guaranteed Free Training**

**Funding Source:** Pennsylvania Department of Community & Economic Development

**Amount Awarded:** \$200,856

**Overview:** Kutztown University is one of 28 partners in Pennsylvania to receive WEDnet PA funding. The Guaranteed Free Training Program provides qualified employers with training for new and existing employees. This training allows companies to stay competitive and keeps employee skills current and relevant. Eligible businesses apply for the training funds, which can be used for a wide range of training — categorized as either Basic Skills Training or Information Technology Training.

The keystone of the Guaranteed Free Training Program is its ability to be responsive to the needs of Pennsylvania's business community through a flexible and easy-to-use system. An important element of this system is that businesses determine their own training needs and can select from among a wide range of training providers, as well as how and where the businesses will receive the training (onsite, offsite or online).







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## Janice Gasker

College of Liberal Arts & Sciences | Social Work

### **Incorporating Discipline-Specific Economics into the Social Work Curriculum**

**Funding Source:** Pennsylvania State System of Higher Education

**Amount Awarded:** \$1,852

**Overview:** Dr. Gasker received funding to attend the Foundation for Teaching Economics (FTE) 4-day program. Her goals were to become knowledgeable in economic content and teaching methods to impact the curriculum in the KU Department of Social Work with discipline-specific economic content; to conduct empirical investigations into the impact economic curricular content has on social work students; and to disseminate information related to the role of economics in social work.

Outcomes include development of three discipline-specific economics lesson plans applicable to social work classes, completion of a paper, and a juried presentation at the meeting of the National Association of Social Workers.



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## Christopher Habeck

College of Liberal Arts & Sciences | Biological Sciences

### **Small-Scale Forest Conservation: Developing Best Management Practices Explicitly for Small Landholders faced with Deer Overabundance and Invasive Plants**

**Funding Source:** Pennsylvania State System of Higher Education

**Amount Awarded:** \$9,506

**Overview:** Deer overabundance and invasive plant species are often implicated as two key factors responsible for the diminished biodiversity and productivity of forests in the eastern United States. Dr. Habeck is conducting a forest restoration experiment focused on understanding the ecological mechanisms by which white-tailed deer and an invasive grass, Japanese stiltgrass, degrade eastern deciduous forests. In so doing, he expects to develop best management practices for small landholders faced with the near ubiquitous problems of deer overabundance and invasive plants. Dr. Habeck employs deer exclusion fencing, hand weeding of Japanese stiltgrass, and native tree seedling reintroductions within a mechanistic experimental framework to realize these objectives.

# "A University should be a place of light, of liberty, and of learning."

- Benjamin Disraeli



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## Dina Hayduk

College of Business | Sport Management & Leadership Studies

### Mini Health Fair for Faculty & Staff

**Funding Source:** Pennsylvania Faculty Health and Welfare Fund

**Amount Awarded:** \$1,000

**Overview:** Under the direction of Dr. Dina Hayduk, the SPT 240 Foundations of Health Promotion Class planned and implemented an Employee Health Fair at the Recreation Center of Kutztown University. Approximately 50 employees took advantage of programs and information developed specifically for this population. Of that 50, approximately 35 were faculty. Activities included a number of activity classes including Yoga, Back Strengthening, Spin, Kick Boxing, AbBlaster, Pilates, BodyPump, Zumba and CX. There was also a session on techniques for handling stress management, as well as a guest speaker. Additionally, an interactive health fair was held the same day.



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## Cheryl Hochberg

College of Visual & Performing Arts | Fine Arts

### Minor Indignities and the Ballet Russe

**Funding Source:** Kutztown University Foundation

**Amount Awarded:** \$3,200

**Overview:** Funding was used to put together a performance in conjunction with a show at Montgomery College in Takoma Park, MD. Musicians performed with costumes that were created for them and related to Professor Hochberg's artwork.

An opportunity developed to move the show and repeat the performance at the Allentown Art Museum. For this performance, Kutztown University Music students were utilized. A printed catalog for the exhibition was also developed.

The two highly regarded and meaningful events not only highlighted Professor Hochberg's work, but also raised the profiles of Kutztown University Fine Arts and Music Departments, since the projects ended up involving both faculty and students from both departments.




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## Erin Kraal

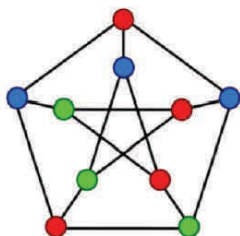
College of Liberal Arts & Sciences | Physical Sciences

### GEO IUSE Ideas Lab Application

**Funding Source:** National Science Foundation

**Amount Awarded:** Full travel expenses, paid directly by NSF

**Overview:** The Geosciences Phase I Ideas Lab is expected to bring together multi-disciplinary expertise representing all geoscience disciplines (including polar science), STEM education practice, cyber-learning, virtual organizations, diversity, and higher education administration, among others, to consider novel approaches to undergraduate geoscience education that develop essential competencies and skills for the workforce and increase access for diverse student populations. As a participant, Dr. Kraal developed approaches specifically addressing challenges in the geoscience community, such as lack of access to relevant undergraduate courses, degree programs, and research opportunities at community colleges and minority-serving institutions; limited capacity programs; limited student awareness of career opportunities in, and pathways into, the geosciences; and reduced access to sophisticated instrumentation or data used in the geosciences.




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## Yun Lu

College of Liberal Arts & Sciences | Mathematics

### Academy of Inquiry Based Learning Small Grant for Novice Inquiry Based Learning Instructors

**Funding Source:** Educational Advancement Foundation

**Amount Awarded:** \$2,500

**Overview:** Inquiry-Based Learning (IBL) is a student-centered method of teaching Mathematics. At the college mathematics level, one of the forms of IBL is the Modified Moore Method, named after R. L. Moore. Key components across effective IBL courses are deep engagement in rich mathematical activities, and opportunities to collaborate with peers (either through class presentations or group-oriented work). Dr. Lu will apply the IBL approach to teach her graph theory course, which is an introduction to the theory of graphs. The main topics of the course include definitions and examples of graphs and subgraphs, trees, connectivity, Euler tours and Hamilton cycles, matchings, edge and vertex colorings, planar graphs, directed graphs, networks, and their applications. The lecture notes and problem sets will be recorded and studied, and the assessment including students' feedback, will be collected and analyzed at the end of the course.






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## Catherine McGeehan

College of Education | Elementary Education

## Sandra Chambers

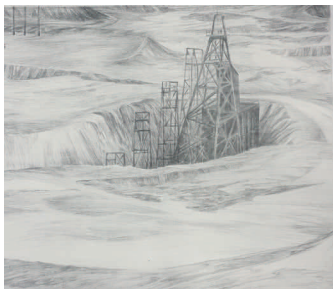
College of Education | Elementary Education

### Digital Picture Book Reviews

**Funding Source:** Pennsylvania State System of Higher Education

**Amount Awarded:** \$3,274

**Overview:** At the current time, the reviews of digital picture books are not based on the process of reading development or framed in the context of how readers achieve critical reading comprehension. These reviews, often completed by technology specialists, focus on features that are “attractive” and “entertaining” to readers. The goal of this project is to provide teachers and parents with a list of recommended digital picture books that are likely to enhance the reading experience based on the processes effective readers use. Additionally, through publications in appropriate venues, the project will educate teachers and parents about the interference some digital features can cause to the comprehension process. Finally, a tool that can be used by consumers when purchasing digital picture books will be made available. This tool will decrease the likelihood of consumers purchasing digital picture books that hinder comprehension.




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## Margaret Noel

College of Visual & Performing Arts | Fine Arts

### Drawing and Painting the Copper Mine Landscape

**Funding Source:** Pennsylvania State System of Higher Education

**Amount Awarded:** \$4,158

**Overview:** As an artist, Professor Noel’s primary interest centers on the relationship of industrial architecture to the surrounding landscape. During the summer of 2014, she traveled to Butte, Montana, a major copper mining center of the late 19<sup>th</sup> century and early 20<sup>th</sup> century. Professor Noel drew the landscape of several mining sites from direct observation, called working *en plein air*, meaning “in the open air.” The drawings were executed in copperpoint, a precise drawing material first used in medieval manuscripts and drawings, and comprised of a copper wire bound in a stylus. These *plein air* copperpoint drawings will become the basis for a series of finished large paintings, culminating in Copper, a solo exhibition at the Durham Arts Council in December 2014.




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## Amy Pfeiler-Wunder

College of Visual & Performing Arts | Art Education & Crafts

### **Pride and Prejudice: GLBTQ Issues Today-Commission on Human Diversity Conference**

**Funding Source:** Kutztown University Foundation

**Amount Awarded:** \$200

**Overview:** The Commission on Human Diversity (CHD) hosted its fourth annual conference on March 7, 2014: *Pride and Prejudice: GLBTQA Issues Today*. The goal of the conference was to bring students, faculty and community members together for conversation and presentations that shine a new light on exciting and challenging issues that affect all of our communities. Brian Sims, Pennsylvania House of Representatives, lawyer, and activist on LGBT rights, provided the opening keynote. In addition, Frank Schaefer, Methodist Minister, ended the conference with his presentation: *Love on Trial*, which discussed the court's decision after he officiated his son's same-sex marriage. Liz Bradbury shared the *Pennsylvania Diversity Network Photo Project: 800 Same Sex Couples Facing Inequality*. Sessions also included student panels, along with presentations by experts in the field of GLBTQA studies and activism. The CHD's mission is to pursue the goal of having a university community where all members honor each other's differences.




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## Ernie Post

College of Business | Small Business Development Center

### **Small Business Administration Core SBDC Funding**

**Funding Source:** U.S. Small Business Administration

**Amount Awarded:** \$335,556

**Overview:** The Kutztown University Small Business Development Center provides services to small businesses in Berks, Chester, Dauphin, Lancaster and Lebanon counties. The program focuses on activities to strengthen the small business community by providing consulting, educational and informational services to entrepreneurs and small business owners through all phases of business development.

Areas of assistance include: 1) assistance in international business, including referrals to other SBDCs, and federal, state and local agencies; 2) activities to emphasize minority and women enterprise development; and 3) maintaining working relationships with the local business and financial community, as well as economic development organizations, technical assistance providers and government agencies.

*(Ernie Post continued)*

### **Procurement Technical Assistance Center**

**Funding Source:** U.S. Department of Defense

**Amount Awarded:** \$70,000

**Overview:** Federal, state, and local governments purchase billions of dollars of goods and services every year. Federal purchasing offices are often required to set aside contracts or portions of contracts for exclusive bidding by small and/or minority-owned businesses. In addition, major prime contractors are required to subcontract part of their work out to small firms. The Procurement Technical Assistance Center (PTAC) helps businesses of all sizes market to the government – federal, state and local. Businesses interested in government contracting and needing assistance can talk to a PTAC counselor to learn how to explore the government arena for possible market opportunities.

### **State SBDC Core Funding**

**Funding Source:** Pennsylvania Department of Community & Economic Development

**Amount Awarded:** \$345,903

**Overview:** The Kutztown University Small Business Development Center provides services to small businesses in Berks, Chester, Dauphin, Lancaster and Lebanon counties. The program focuses on activities to strengthen the small business community by providing consulting, educational and informational services to entrepreneurs and small business owners through all phases of business development.

### **Latino Business Resource Center**

**Funding Source:** National Penn Bank

**Amount Awarded:** \$50,000

**Overview:** The Latino Business Resource Center (LBRC) was established with the goal of helping Latino entrepreneurs start, grow and flourish by building the capacity of economic development organizations and by providing Latino entrepreneurs with business consulting, education, research and business tools. Services offered by the LBRC are free of charge for the end user.

### **Latino Business Resource Center**

**Funding Source:** PPL Electric Utilities

**Amount Awarded:** \$1,500

**Overview:** Additional support for the Latino Business Resource Center.



*(Ernie Post continued)*

### **Jump Start Incubator**

**Funding Source:** Pennsylvania Department of Community & Economic Development

**Amount Awarded:** \$79,819

**Overview:** The purpose of this project is to promote diverse entrepreneurship within Reading, PA, by expanding bilingual training education and consulting to Hispanic entrepreneurs and other diverse populations who are identified as having high potential for being successful entrepreneurs. The Jump Start Incubator addresses the problems of the low rate of business startups from minorities and the slow rate of growth among the existing minority businesses in the city.

### **Jump Start Incubator**

**Funding Source:** Berks County Community Foundation

**Amount Awarded:** \$10,556

**Overview:** Funding is provided to sustain and expand the Jump Start Incubator program in Reading, PA. The Jump Start Incubator addresses the problems of the low rate of business startups from minorities and the slow rate of growth among the existing minority businesses in the City of Reading.

### **Micro-Enterprise Assistance Program**

**Funding Source:** City of Reading

**Amount Awarded:** \$96,900

**Overview:** This program targets both established entrepreneurs within the Downtown Improvement District (DID) and nascent entrepreneurs residing within the city who are identified as having a high potential of being successful entrepreneurs and who meet the HUD low-to-moderate household income guidelines. Goals include: 1) Increase the capacity of existing entrepreneurs to expand in the downtown corridor; 2) Increase the number of eligible clients to start new businesses; 3) Increase the level of customer service and customer experiences; 4) Create a digital presence to attract customers; and 5) Increase awareness and participation in government contract opportunities.

### **Google Ads Program**

**Funding Source:** Google

**Amount Awarded:** \$100,000

**Overview:** The SBDC was awarded free advertising on Google search results pages. Google Ad Grants is the nonprofit edition of AdWords™, Google's online advertising tool. Google Ad Grants empower organizations, through in-kind AdWords™ advertising, to promote their missions and initiatives.

A yellow laboratory rack holding several test tubes filled with dark liquid. The rack is made of a bright yellow plastic. The test tubes are arranged in two rows. The liquid inside the tubes is a dark, opaque color, possibly a culture medium or a chemical solution. The background is slightly blurred, showing more of the rack and the liquid inside the tubes.

**"The only way of discovering the limits of the possible  
is to venture a little way past them into the impossible."**

**- Arthur C. Clarke**




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## Krista Prock

College of Education | Library Services

### ACRL Assessment in Action

**Funding Source:** American Library Association (ALA)

**Amount Awarded:** ALA provides supports to KU to complete the assessment work

**Overview:** The Assessment in Action program, administered by the Association of College and Research Libraries, is designed to guide librarians through an assessment project and provide training in assessment procedures and practices. Krista Prock is the librarian team leader, and is joined on the team by Gil Clary, the Assistant Vice-Provost for Assessment and Natalie Snow, Director of Institutional Research. They are studying how various types of information literacy (IL) instruction impact student performance on the researched project in ENG 023, College Composition. IL occurs in various forms in ENG 023, including: librarian-led one-time instruction, ENG 023 professor-led instruction, and required one-on-one meeting with a librarian. Does any type of instruction have more or less of an impact? The researchers hope to contribute to the IL assessment conversation in this area. Future projects may also assess the impact of reference services as a form of IL instruction.




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## Michael Radyk

College of Visual & Performing Arts | Art Education & Crafts

### Engage: Color and Materials Exhibition, Marlin and Regina Miller Gallery

**Funding Source:** Kutztown University Foundation

**Amount Awarded:** \$2,450

**Overview:** ENGAGE: Color, Ritual & Material Studies is a month-long confluence of art, craft and design culminating in the 76th Kutztown University Annual Art Education Conference on November 21, 2014. The conference and exhibition will focus on how artists use color, ritual and material manipulation, both in practice and in their teaching.

Ten national and international artists--Mary Hark, Ritsuko Hirai, Theo Uliano, Ted Hallman, Dorothy Akpene Amenuke, Amy Putansu, Moon Jung Jang, Barbara Tetenbaum, Janice Arnold, and Jeffrey Clancy--will be exhibiting in the Marlin & Regina Miller Gallery. Their combined work displays a virtuoso balance between the fields of art, design and contemporary craft. Particularly striking is the artists' strength of engagement with the themes to be explored in the exhibition and conference.

*(Michael Radyk continued)*

## **Engage: Kutztown University Art Education National Conference**

**Funding Source:** Kutztown University Foundation

**Amount Awarded:** \$2,500

**Overview:** Paramount in each conference presentation and session is the emphasis on the experiential. What are we making? How do we prepare for our engagement with our work, color, materials, students and the classroom? What are the pedagogical practices we advocate when choosing and researching materials and their ultimate manipulation? Five Art Educators—Dr. Angela La Porte, Dr. Camilla McComb, Dr. Amy Bloom, Dolores Eaton and Bob Reeker--- will present and share their experiences in the classroom.

The conference presentations, sessions and workshops will provide the opportunity for K-12 teachers, academics, researchers, artists, designers and students to exchange ideas and participate in a day-long engagement with the arts. Janice Arnold, felt artist, and Carol Sauvion, Executive Producer of Craft in America, will be the keynote speakers.

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## **Phillip Reed**

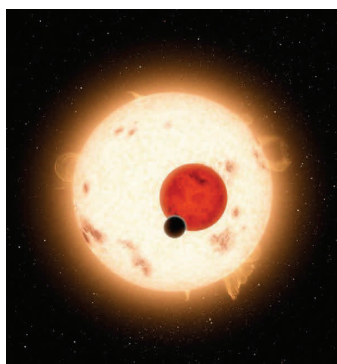
College of Liberal Arts & Sciences | Physical Sciences

### **Discovery of Extrasolar Planets and Triple Star Systems using Kutztown University Observatory**

**Funding Source:** Pennsylvania State System of Higher Education

**Amount Awarded:** \$8,000

**Overview:** Kutztown University's on-campus research observatory is being used to discover new extrasolar planets (exoplanets) and triple star systems. Exoplanets are planets that orbit stars other than our Sun, and while many billions are thought to exist in our Galaxy, relatively few have been found. We are utilizing cutting-edge techniques of obtaining high precision apparent brightnesses of stars in order to detect planets passing in front of them. We are also performing spectral analyses to measure the motions ("wobble") of stars due to the gravity of the planets orbiting around them. These observations are confirming the existence of new planets and are helping to characterize their properties. In addition, we are finding and analyzing new triple star systems in order to understand the evolution of close binary stars. This work is engaging undergraduate students as research partners and is involving Kutztown University in high-profile national collaborations.







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## Oskars Rieksts

College of Liberal Arts & Sciences | Computer Science & Information Technology

### Hand Gesture Control of Robots

**Funding Source:** Kutztown University Foundation

**Amount Awarded:** \$600

**Overview:** Dr. Oskars Rieksts and a graduate student, Brandon Trumble, are testing the capabilities of the equipment purchased with the grant – 4 Raspberry Pi microchip computers and the YEI 3-Space motion capture sensor. The graduate student is running some timing programs on the Pi to determine its ability to run heavy-duty code. With the sensor, the goal is to develop code capable of recognizing a set of gestures that could then be mapped to devices for controlling devices within a person's environment. Dr. Rieksts is working with Good Shepherd Rehabilitation Center to seek advice on how the equipment could be put to good use in the rehabilitation context.



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## John Riley

College of Liberal Arts & Sciences | Political Science

### Recreating States: An Investigation of the Implementation of Security Sector Reform

**Funding Source:** Pennsylvania State System of Higher Education

**Amount Awarded:** \$8,000

**Overview:** Dr. John Riley and a Kutztown University undergraduate student will travel to Rwanda to conduct research on Security Sector Reform. The investigators study the internalization of international development norms at the local level. Building on research conducted in Sierra Leone in July and August 2014, the authors investigate how varying approaches to government and state-building by Western aid agencies in Rwanda and Sierra Leone impact aid implementation at the local and policy levels. This research will provide multiple academic and policy-focused communities with a clearer picture of the dynamics involved in liberal state-building by international development agencies in countries ravaged by civil war.



## Christopher Sacchi

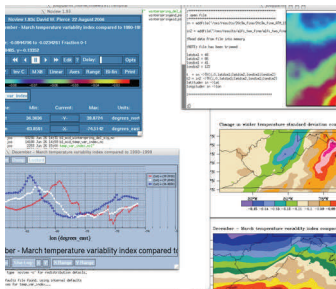
College of Liberal Arts & Sciences | Biological Sciences

### Students to Inventory Trees in the City of Pottsville, Pa.

**Funding Source:** U.S. Department of Agriculture / Pennsylvania Urban and Community Forestry Council

**Amount Awarded:** \$6,700

**Overview:** Community forests play an important aesthetic and environmental role in cities and towns. Urban trees can add to property values through their beauty, and can capture CO<sub>2</sub>, reduce the harmful effects of storm water runoff, and reduce energy use during summers through shading of buildings and sidewalks. In Pottsville, PA, a team of Kutztown University students and one faculty member worked with members of the Pottsville Shade Tree Commission and PA Bureau of Forestry community forestry professionals to conduct a complete inventory of all street trees in the city. Assessment of the abundance of ash trees was of particular importance, due to threats to ash trees from the introduced emerald ash borer, which over time will kill untreated ash trees. Students entered data into a community forestry computer program called i-Tree in order to generate reports that estimate the many beneficial effects of Pottsville street trees. The inventory prepared by students will allow the City of Pottsville government and Shade Tree Commission to plan for maintenance and possible removal of trees, as well as to plan for future tree plantings. The environmental reports generated by i-Tree may be used by Pottsville officials to assess how their street trees contribute to mitigation of environmental concerns, e.g., storm water runoff, in the community.



## Jacob Sewell

College of Liberal Arts & Sciences | Physical Sciences

### Assessing the Value of Virginia's Conserved Lands in an Evolving Environment

**Funding Source:** Virginia Department of Game & Inland Fisheries

**Amount Awarded:** \$15,000

**Overview:** Virginia's Wildlife Action Plan indicates that habitat loss and habitat degradation are the greatest threats impacting the Commonwealth's Species of Greatest Conservation Need. Recent climate change research and species vulnerability assessments indicate that habitat-related issues could become more acute as climatic conditions change. In addition, landscapes will likely be subjected to changing land use patterns driven by the need for ecosystem goods and expanding human development. We submit that a conservation lands portfolio that contains a "blended" array of conservation asset values (i.e., a variety of habitat types) maximizes the chances of meeting our conservation objectives. In this project, we are combining climate and other site-level information into a single, user-friendly index (similar to

*(Jacob Sewell continued)*

the USDA plant hardiness zones) that will quickly and simply allow wildlife managers to identify and plan for future changes in the conservation value of, and balance in, their portfolio.



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## **Laura Ann Sherrod**

College of Liberal Arts & Sciences | Physical Sciences

### **West Creek Flow Loss Assessment and Remediation Plan, Cass Township, Schuylkill County, Pennsylvania**

**Funding Source:** Pennsylvania Department of Environmental Protection / Schuylkill Conservation District

**Amount Awarded:** \$12,008

**Overview:** Kutztown University is working in collaboration with the Schuylkill Headwaters Association, the Schuylkill Conservation District, and the United States Geological Survey to develop a strategy for restoration and retention of streamflow in West Creek, which is underlain by abandoned anthracite mines in the headwaters of the upper Schuylkill River. This stream experiences intermittent, complete flow losses by streambed leakage from West Creek to the Oak Hill mine complex that extends beneath the surface water divide to an adjacent watershed. If the streamflow losses from West Creek can be prevented, aquatic habitat in West Creek can be maintained and the total volume of abandoned mine drainage (AMD) entering the Schuylkill River may be decreased. Water-quality and aquatic ecological surveys, streamflow and electrical resistivity surveys, and hydrology modeling of West Creek are combined to produce a phased restoration strategy for the region.



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## **Matthew Stone**

College of Liberal Arts & Sciences | Biological Sciences

### **Nesting Ecology of the Diamondback Terrapin on the Delmarva Peninsula**

**Funding Source:** Pennsylvania State System of Higher Education

**Amount Awarded:** \$9,400

**Overview:** Dr. Stone and Kutztown University undergraduate students studied the nesting success of diamondback terrapins near Wallops and Chincoteague Islands, VA. They compared the nesting success rate and nest predation rate between two different habitat classes: small isolated islands and larger mainland nesting beaches. By comparing the success of nesting females between these two locations, researchers can better understand the geographic distribution of nest predation and their associated effects on

*(Matthew Stone continued)*

local terrapin populations. This project will help to provide wildlife managers with the data needed to make effective conservation strategies for the diamondback terrapin, a species of very high conservation need in the Commonwealth of Virginia. Funding for this project went toward the housing and salary of two undergraduates while they were conducting research with Dr. Stone at the Chincoteague Bay Field Station.



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## **Teresa Sychterz**

College of Education | Elementary Education

### **Kutztown University Children's Literature Conference**

**Funding Source:** The Anne M. and Philip H. Glatfelter, III Family Foundation

**Amount Awarded:** \$10,500

**Overview:** The Glatfelter grant provided funding to bring nationally known authors/illustrators (Frank Serafini, David Wiesner, and Jim Murphy) to Kutztown University for the Sixteenth Annual Kutztown University Children's Literature Conference 2014. The goals of the Kutztown University Children's Literature Conference are to heighten knowledge and excitement about children's literature for education, library science, communication design, and art majors by bringing renowned authors/illustrators to campus; increase awareness of recent children's authors and illustrators among educators and librarians; and provide outreach to local school districts that otherwise could not afford such renowned authors and illustrators. The Kutztown University Children's Literature Conference provides professional development where teachers and librarians have the opportunity to hear from award-winning authors and illustrators of children's books at an all-day conference. It offers presentations for local school children and the KU community.



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## **Glenn Walters**

College of Liberal Arts & Sciences | Criminal Justice

### **Mahfuzul Khondaker**

College of Liberal Arts & Sciences | Criminal Justice

### **Criminal Justice Summer Institute at Kutztown University**

**Funding Source:** Kutztown University Foundation

**Amount Awarded:** \$6,009

**Overview:** In an effort to recruit top students from local high schools, the Criminal Justice department at Kutztown University offered a two-day criminal justice summer institute for students completing the junior year of high school. The Institute was held on June 24 and 25, 2014, and was staffed by five faculty members and the departmental secretary. Each



*(Glenn Walters continued)*

morning, students attended two classes (Career Criminals, Introduction to Policing, Juvenile Delinquency, and Race and the Death Penalty) and each afternoon they participated in practical exercises relating to the morning sessions. In addition, students were given a tour of KU and received certificates of completion for their participation. Course evaluations completed at the end of the second day indicated that students felt they had learned a great deal from the experience and several stated that they were planning to apply to KU in the coming year.



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## **Robert Watrous**

Academic & Student Affairs

### **It Takes a Village**

**Funding Source:** Association of American Colleges and Universities, Bringing Theory to Practice

**Amount Awarded:** \$7,000

**Overview:** Funding was received to assist in developing a more student-centered campus culture. The first component of the project brought Dr. Ted Long to campus to facilitate a session on the topic of Well-Being and to help identify the major aspects of student well-being and develop aspects in the delivery of programs and services.

The second component was to develop and enhance a mechanism for students to be involved in academic, co-curricular and administrative systems of the university, both formally and informally. The KUnited student engagement platform, in collaboration with the University Senate and the Student Government Board, was able to facilitate the placing of students in positions available on University governance committees and commissions. On the informal side, a lunch Meet and Eat program that paired a student, faculty member and staff member to meet over lunch was continued through the grant.

A discussion on happiness and well-being was addressed in a health and wellness course. Students participated in a developmental well-being inventory and engaged in discussions on the importance of healthy relationships, health risk-reduction strategies and coping mechanisms. Also, a general student assistance program was developed where students had a mechanism to request help when institutional processes or negative events occurred that impeded their personal growth process.

**"What you do makes a difference,  
and you have to decide what kind of difference  
you want to make."**

**-Jane Goodall**



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## **Robin Zaremski**

Communications, Marketing & External Affairs | KU Presents!

### **KU Presents! Ensemble Español Spanish Dance Workshop and Educational Outreach**

**Funding Source:** Target Foundation

**Amount Awarded:** \$2,000

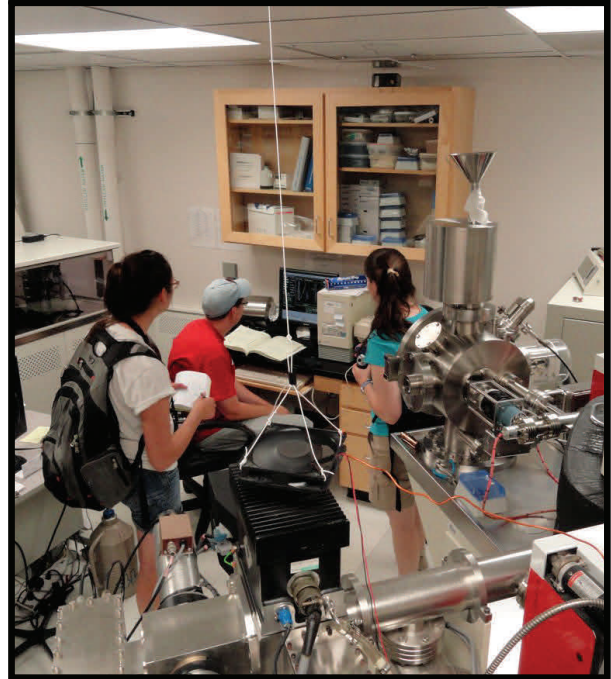
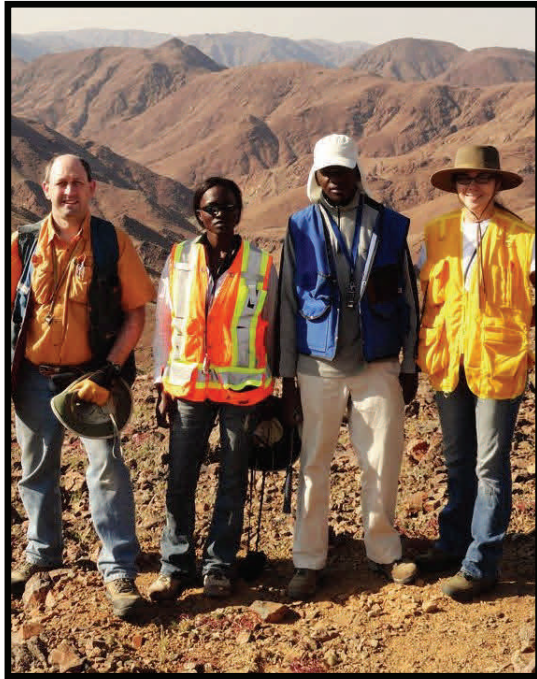
**Overview:** KU Presents! presented, as part of its Performing Artist Series, the world renowned Ensemble Español Spanish Dance Theatre's Flamenco Passion. With the funding from the Target Foundation, KU Presents! was able to bring two of the flamenco dancers to the Lauer's Park Elementary School in Reading, PA, for an afternoon flamenco dance workshop with over 70 fifth graders and their parents. The flamenco workshop, intertwined with costuming, traditions, and storytelling, was a unique way for the students to learn about Spanish culture through live performances. The young men, not initially receptive to this style of dance, enjoyed passionate stomping and taking stances like a bullfighter. The young ladies enjoyed the flowery skirts and delicate hand movements that told a story. At the end of the workshop, students were invited to step before the crowd and perform the flamenco routine they had just learned. A proud sense of accomplishment over mastering the steps of this challenging dance style was evident. Finally, the flamenco instructors performed a professional piece for the workshop attendees.

### **2013-2014 Council on the Arts Interim AOAP Grant**

**Funding Source:** Pennsylvania Council on the Arts

**Amount Awarded:** \$4,708

**Overview:** During the 2013 – 2014 KU Presents! season, more than fifteen performances were presented at the newly renovated Schaeffer Auditorium, including Momix Botanica, Vince Gill and The Time Jumpers, Pinkalicious The Musical, Pentatonix, and Preservation Hall Jazz Band. The Pennsylvania Council on the Arts grant funding is used to cover a portion of the costs and expenses needed to present both the Performing Artist Series and the Family Series. These costs include artist fees, production and technical expenses, and artist hospitality and accommodations.




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## Nancy Zimmerman

College of Liberal Arts & Sciences | Modern Language Studies

### Creation of Bilingual eBooks by Spanish Speaking Heritage Learners and Spanish as a Second Language Learners

**Funding Source:** Pennsylvania State Modern Language Association

**Amount Awarded:** \$250



**Overview:** In a collaborative effort, pairs consisting of one L2 learner and one Spanish-speaking heritage learner will write an original short story or children's book in prose or in verse. The story must be suitable for young Spanish and English language learners, for example, for immersion schools and elementary schools in areas with large populations of bilingual (Spanish-English) students such as Reading, Allentown and Lancaster. The stories/books will be bilingual side-by-side books so that English language learners as well as Spanish language learners can benefit. All text will be edited by the instructor and returned for multiple revisions. The stories must be illustrated and/or visually represented in hard copy. For the final product, each pair will publish their text in an eBook format with narration in both languages. Additionally, the Language Resource Center at Kutztown University will assist in the technical aspects of this project.

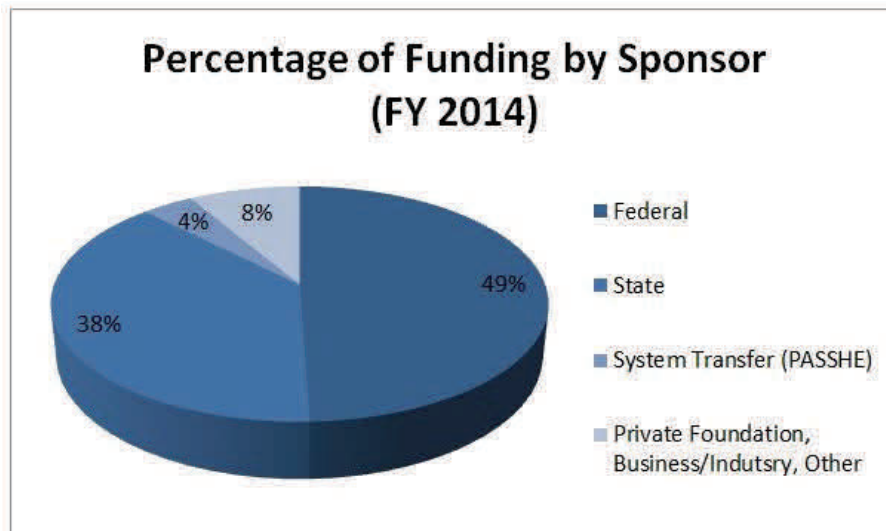
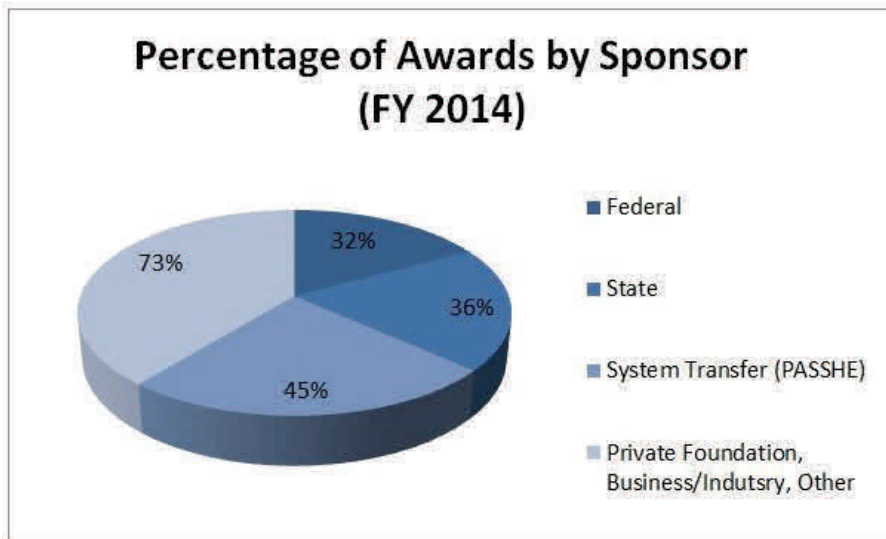
## External Funding Facts and Figures

During Fiscal Year 2014, faculty and staff submitted 72 proposals (76% increase) to external sponsors requesting \$4,613,784 (21% increase) and received 41 awards (86% increase) totaling \$1,832,577 (13% increase). Sixteen proposals were pending at the end of the fiscal year.

The largest number of awards, 16 out of 41 awards, came from the Private Foundation, Business/ Industry, Other category. Awards in other categories included 10 System Transfer (PASSHE), 8 State and 7 Federal. The largest amount of funding came from Federal sponsors (49%), approximately \$906,000.

	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014 <sup>1</sup>
<b>Submissions</b>	66	81	62	41	41	72
<b>Awards</b>	46	54	41	31	22	41
<b>Total Requests</b>	\$4,754,483	\$5,115,319	\$3,673,977	\$3,196,552	\$3,803,443	\$4,613,784
<b>Total Awards</b>	\$3,277,357	\$2,919,566	\$2,212,222	\$2,785,480	\$1,616,612	\$1,832,577

1. 16 proposals were pending at the end of fiscal year 2014.





## Kutztown University Professional Development Committee Funding

The Professional Development Committee provides funding to promote scholarship. Funding is available for 1) travel assistance for professional and scholarly activities, 2) projects that enhance instruction, and 3) the purchase of items necessary to develop a novel approach and/or new direction for a course.

### Recipients of Professional Development Committee Funding

NAME	DEPARTMENT
Aimee Adams	Counseling & Psychological Services
Mohammad Adeel	Philosophy
Okan Akcay	Business Administration
Elizabeth Anthony	English
Angelika Antoni	Biological Sciences
Daniel Aruscavage	Biological Sciences
Allan Back	Philosophy
Michele Baranczyk	Psychology
Kristen Bazley	Elementary Education
Margaret Bestwick	Elementary Education
Anne Brawand	Special Education
Jeanie Burnett	Elementary Education
Kathryn Buschan	Special Education
Nancy Butler	Biological Sciences
Sandra Chambers	Elementary Education
John Conahan	Social Work
Lisa Coulter	Counseling & Psychological Services
Jason Crockett	Anthropology & Sociology
Kenneth Danielson	Communication Studies
Michael Davis	Geography
Anne Delong	English
Rose DeSiano Galjanic	Fine Arts
Sylvie Pascale Dewey	Modern Language Studies
Mary Eicholtz	Communication Studies
Robert Folk	English
Jennifer Forsyth	English
Kurt Frieauf	Physical Sciences
Michael Gabriel	History
Arthur Garrison	Criminal Justice
Janice Gasker	Social Work
Soo Goh	Music
Joleen Greenwood	Anthropology & Sociology
Edward Hanna	Social Work

Daniel Haxall	Fine Arts
Dina Hayduk	Sport Management & Leadership Studies
Curt Herr	English
Eileen Hogan	Business Administration
Kimberly Houser	Criminal Justice
Loriann Irving	Academic Enrichment
Jennifer Jacobson	Political Science
Diane Johnson	Anthropology & Sociology
Eric Johnson	History
Nicole Johnson	Special Education
Jeremy Justeson	Music
Randy Kaplan	Computer Science & Information Technology
Mahfuzul Khondaker	Criminal Justice
Robert Kilker	English
Soojin Kim	Sport Management & Leadership Studies
Yongjae Kim	Sport Management & Leadership Studies
Laura Koenig	Psychology
Su Kong	Business Administration
Theodore Korzukhin	Philosophy
Erin Kraal	Physical Sciences
Jonathan Kramer	Business Administration
Jonathan Kremser	Criminal Justice
Brian Kronenthal	Mathematics
Rajeev Kumar	Business Administration
Frank Kumor	Music
Lynn Kutch	Modern Language Studies
Jason Lanter	Psychology
Mary Laub	Elementary Education
Inmi Lee	Art Education & Crafts
Perry Lee	Mathematics
Steve Lem	Political Science
Keith Logan	Criminal Justice
Christine Lottes	Sport Management & Leadership Studies
Yun Lu	Mathematics
Amy Lynch-Binieck	English
Sharon Lyter	Social Work
Therese Maskulka	Business Administration
Keith Massie	Communication Studies
Catherine McGeehan	Elementary Education
Padraig McLoughlin	Mathematics
Anthony Merlino	Music
Avidan Milevsky	Psychology
Amanda Morris	English
Carrie Nordlund	Art Education & Crafts
Mary Ann O'Neil	Elementary Education

Varsha Pandya	Social Work
Dale Parson	Computer Science & Information Technology
Amy Pfeiler-Wunder	Art Education & Crafts
Carissa Pokorny Golden	English
William Prystauk	English
Celine Przydzial	Mathematics
Jeffrey Punske	English
Patricia Pytleski	English
Judith Rauenzahn	Psychology
Phillip Reed	Physical Sciences
Glenn Richardson	Political Science
Todd Rober	Music
Angelo Rodriguez	Modern Language Studies
Jesus Rodriguez	Modern Language Studies
John Ronan	English
William Roth	Business Administration
Robert Ryan	Psychology
Wendy Ryan	Biological Sciences
Jennifer Schlegel	Anthropology & Sociology
Steven Schnell	Geography
Jacob Sewell	Physical Sciences
Yasoda Sharma	Social Work
Gregory Shelley	Psychology
Laura Sherrod	Physical Sciences
Yong-Sang Shim	Computer Science & Information Technology
Edward Simpson	Physical Sciences
Georgeos Sirrakos	Secondary Education
Dawn Slack	Modern Language Studies
Theresa Stahler	Secondary Education
Ronald Stoffey	Psychology
Matthew Stone	Biological Sciences
Evan Summer	Fine Arts
Mary Theis	Modern Language Studies
Sarah Tindall	Physical Sciences
Pietro Toggia	Criminal Justice
Valerie Trollinger	Music
Raymond Tumbleson	English
Todd Underwood	Biological Sciences
John Vafeas	Social Work
Andrew Vogel	English
Patricia Walsh Coates	Secondary Education
Carol Watson	Elementary Education

Lisa Weckerle	Communication Studies
FanghsunWei	Social Work
Christopher Weiler	Elementary Education
Mary Rita Weller	Social Work
Lee Weyant	Business Administration
John Howell White	Art Education & Crafts
Wing Hong Wong	Mathematics
Ju Zhou	Mathematics
Nancy Zimmerman	Modern Language Studies

### Professional Development Committee Facts

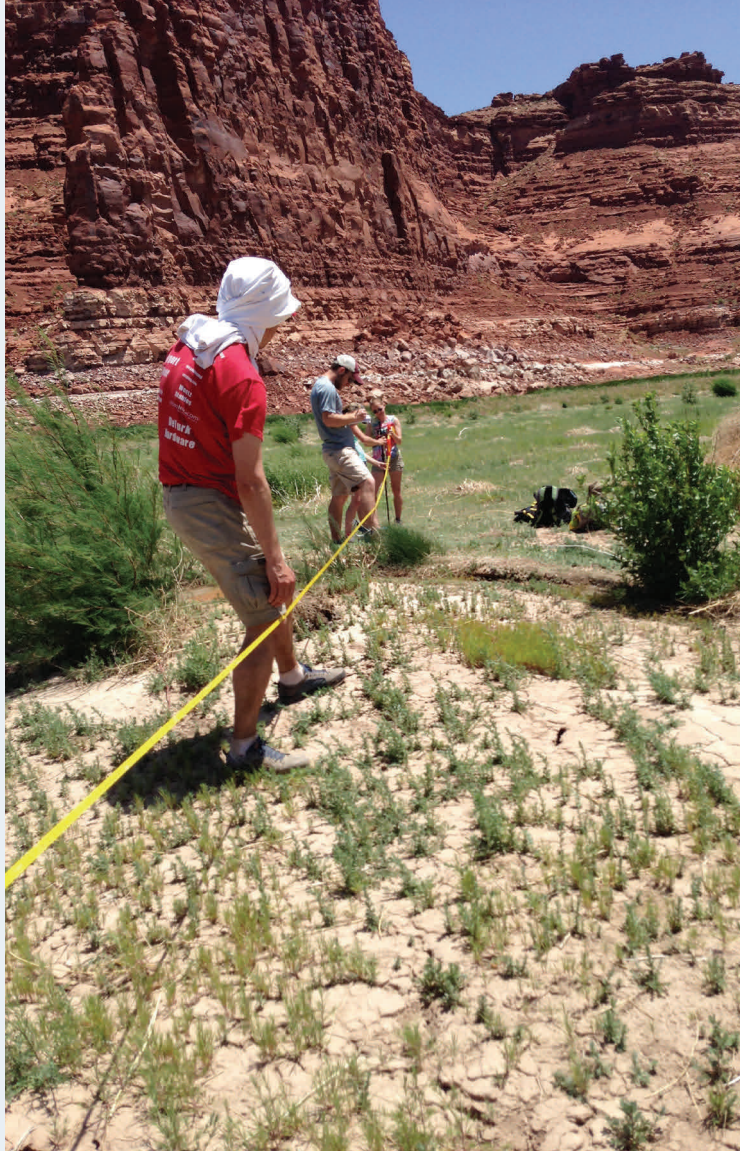
The Professional Development Committee awarded approximately \$112,372 in funding to 137 applicants. Ninety-nine percent of the funding was used to support faculty travel to present scholarly work. Other funding was used to support faculty purchases of materials to develop a novel approach and/or new direction for a course.

	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
<b>Received</b>	161	151	151	137	152	139
<b>Awarded</b>	146	134	143	128	146	137
<b>Total Requested</b>	\$ 119,462	\$ 122,035	\$ 104,454	\$ 99,848	\$ 128,552	\$ 113,372
<b>Total Awarded<sup>1</sup></b>	\$ 109,635	\$ 101,207	\$ 94,350	\$ 91,986	\$ 120,921	\$ 112,372
<b>Annual Funding Available</b>	\$ 94,482	\$ 94,482	\$ 94,482	\$ 120,482	\$ 120,482	\$ 120,482

Total Awarded may exceed Annual Funding Available due to the carryover of funds from prior years.











# KUTZTOWN

U N I V E R S I T Y

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