

Research, Scholarship and Creative Activities

Fiscal Year 2015-2016

FEATURED INSIDE

**Birds of a Feather
flock together**

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Extraordinary
Professor inspires
ESU students**

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esu.edu



**EAST
STROUDSBURG
UNIVERSITY**



3-D printed necklace
Photo and Design by Jocelyn Kolb-DeWitt

MESSAGE FROM THE PRESIDENT

It is an honor to acknowledge the hard work of our faculty and staff who have made a commitment to research, scholarship and creative activity at East Stroudsburg University. The material that follows is illustrative of the depth and breadth of research and innovative endeavors underway at our institution during the 2015-2016 fiscal year. This report also reflects our journey to reach the goal of \$5M in external funding by 2020 – a challenge I posed to the ESU community in February 2015.

ESU was awarded \$1,947,159 in external grant funds in 2015-2016. While lower than the previous year, our funding proposals surpassed last year's by 0.6 percent, totaling \$7,918,864. This growth in grant submissions reflects a positive trend in the growing involvement of faculty, students and staff – a trend that will need to continue if we hope to reach our \$5M goal by June 30, 2020.

We can attribute our grant successes and increased submissions to the vibrant and creative people who are the heart of ESU. While channeling their inventive energies toward research, our faculty and staff are also careful to align the proposals with the mission and vision of ESU as well as the guiding community principles and goals of our strategic plan. Without a doubt, we continue to innovate ESU and place our students first.

The Office of Sponsored Research and the Office of the Provost have put infrastructure in place to help our community reach their scholarly and creative goals. Examples of the support received by our faculty and staff include the FDR internal grant program, which provides seed funding that will be leveraged in obtaining external funds; pre- and post-award services to improve outcomes; sponsorships that support faculty attendance at the Council on Undergraduate Research "Dialogues" conference; and new software that will simplify the internal vetting process for grants.

Aesop's tale, The Hare and the Tortoise says, "slow and steady wins the race." I see us making strides every year; we have the potential to achieve our goal for 2020 and transform scholarly research on our campus. To do so, we must work together to make success our own.

Thank you.

Marcia G. Welsh, Ph.D.
President



The mission of the
Office of Sponsored Projects and Research
is to **advance**
the research enterprise
at East Stroudsburg University
by promoting an environment that
fosters creativity,
collaboration,
and community.

Research, Scholarship and Creative Activities



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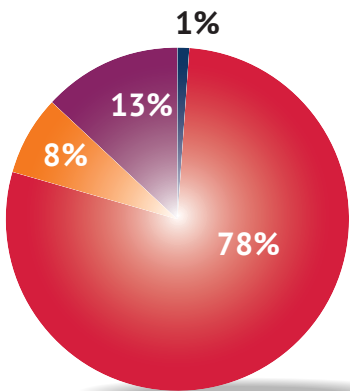
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Annual Research Metrics for Sponsored Projects

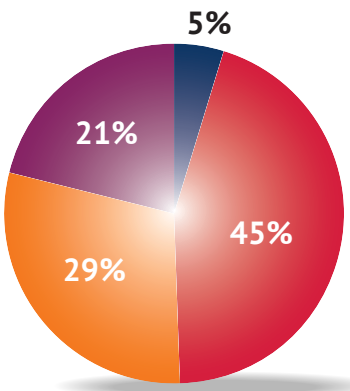
The Office of Sponsored Projects and Research continues to support the advancement of research and scholarly activity at ESU. Growth remained steady this past year; although the number of submitted proposals decreased slightly, the total amount of requests in dollars increased. Faculty and staff submitted 61 proposals: 15 federal, five state, 37 private and four State System transfers.

Submissions totaled \$7,918,864 and resulted in grant awards totaling \$1,947,159.

The metrics below reflect the proposals submitted and awards received as well as the growth for ESU over the last year.



*percentage of dollar amount



External Grants 2015-2016 Requested

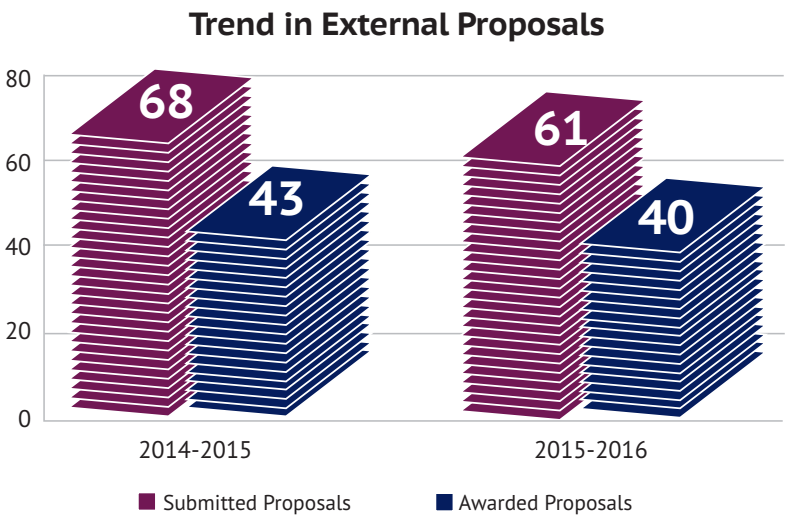
SOURCE	AMOUNT	# OF PROPOSALS
State System Transfers	\$93,331	4
Federal	\$6,213,184	15
State	\$590,000	5
Private	\$1,022,350	37
Total Requested	\$7,918,864	61

External Grants 2015-2016 Awarded

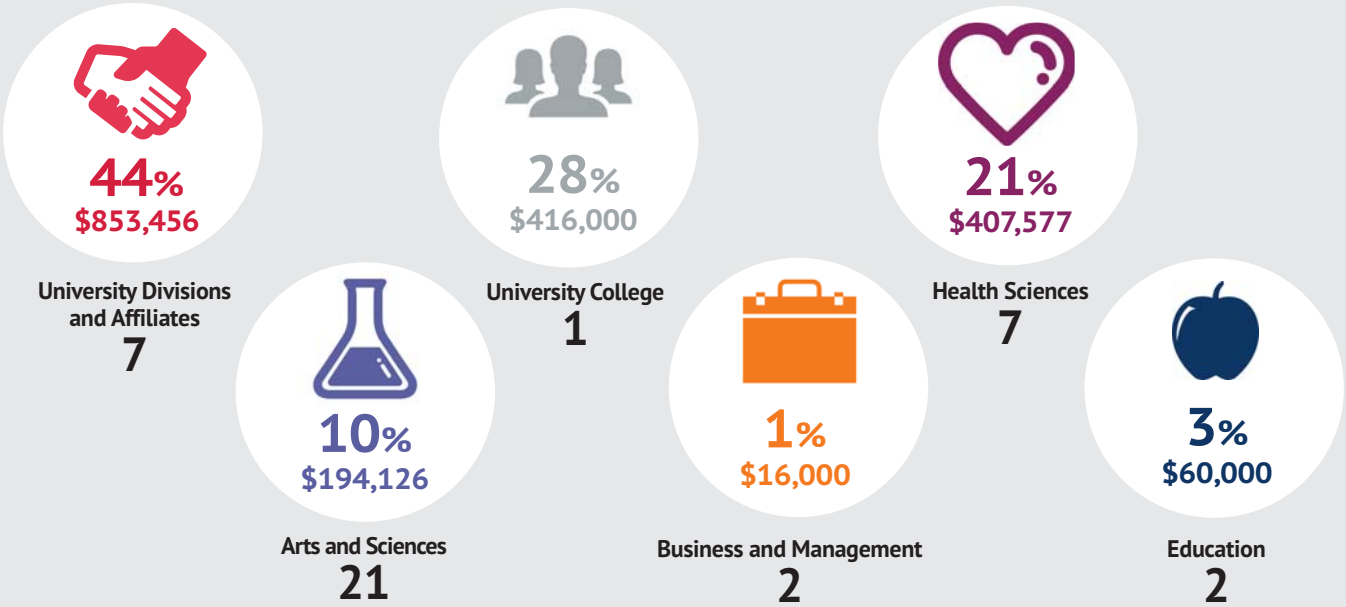
SOURCE	AMOUNT	# OF AWARDS
State System Transfers	\$93,331	4
Federal	\$872,879	8
State	\$571,042	3
Private	\$409,907	25
Total Awarded	\$1,947,159	40

0.6%

increase in total dollar amount requested



Awards by College and Division



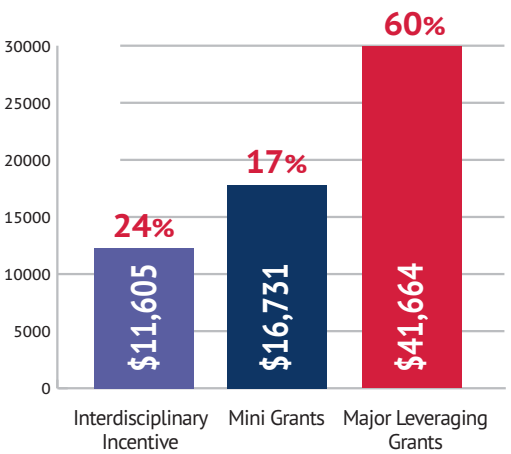
All Divisions	Proposals Submitted	Proposals Awarded		Proposals Submitted	Proposals Awarded
Arts and Sciences	29	21	Health Sciences	13	7
Business and Management	3	2	University College	1	1
Education	4	2	University Divisions and Affiliates*	11	7
				61	40

*University Divisions and Affiliates include Academic Affairs, Administration and Finance, Research and Economic Development, Student Affairs, ESU Center for Research and Economic Development, and the ESU Foundation.

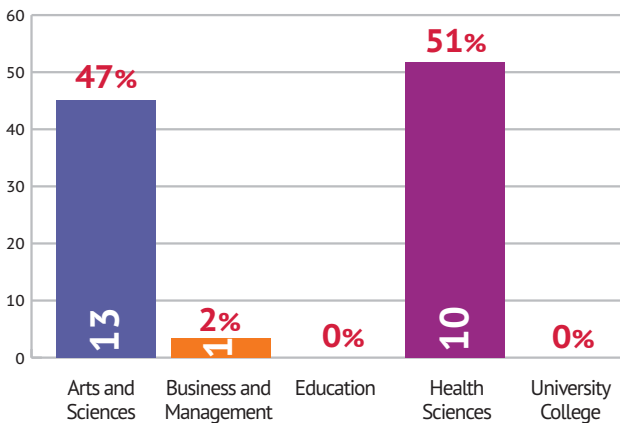
Faculty Development and Research (FDR) Internal Grants

FDR Total Amount Requested 15-16 **\$122,679** FDR Total Amount Awarded 15-16 **\$70,000**

Awarded FDR Grants by Type



Number and Percent of FDR Awards by College



COLLEGE OF Arts and Sciences

External Grants

Total Amount Funds Requested	\$4,829,853
Total Amount Funds Awarded	\$194,126
Number of Proposals Requested	29
Number of Proposals Awarded	21

FDR Grants

Total Amount Funds Requested	\$39,786
Total Amount Funds Awarded	\$32,767
Number of FDR Proposals Requested	19
Number of FDR Proposals Awarded	13



ABDALLA ALDRAS



MARGARET BALL



ESTHER DAGANZO-CANTENS



JON GOLD



BONNIE GREEN



RICK KELLY



IRINA KHUSID



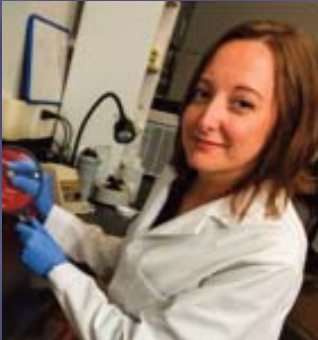
JOCELYN KOLB-DEWITT



HEON KIM



JOSHUA LOOMIS



MEAGHAN BIRD



DONGSHENG CHE
CO-PI, P. 23



CARRIE MALONEY



DAVID MAZURE



ANNIE MENDOZA



JONI OYE-BENINTENDE



NICOLE L. CHINNICI



JULIAN COSTA



LEIF JOHAN ELIASSON



DARLENE FARRIS-LABAR



JEFF RUTH



HOLLY WELLS



HOWARD WHIDDEN



DONGJIAO ZHAO

**only faculty awarded grants are pictured*

ABDALLA ALDRAS

Biological Sciences

Murine Cytokines Assays Kits

Funding Source: ESU Foundation

Amount Awarded: \$1,000

OVERVIEW: Professor Aldras used the funds to purchase Murine Cytokines Assay Kits to support his research. The kits will also be used in his spring 2017 Immunology laboratory course. ESU graduate and undergraduate students have utilized the kits in their thesis research, which focuses on how artificial sweeteners and probiotics affect the gut microbiome and the immune responses in mice. The kits have enhanced the quality of the students' research, given them hands-on experience with current techniques used in immunodiagnosis and have given ESU a competitive edge with other institutions.

MARGARET BALL

Theatre

GEAR UP-3 Summer Camps (Performing Arts)

Funding Source: U.S. Department of Education – Pennsylvania State System of Higher Education

Amount Awarded: \$12,675

OVERVIEW: In summer 2016, Professors Ball and Tanokura hosted 40 students from GEAR UP participating school districts – Harrisburg, Lancaster, Allentown and Norristown – to experience the exciting and in-demand careers connected to Design for the Performing Arts (Set, Costume, Lighting and Sound Design), Technical Theatre and the jobs that stem from

this training. Each student designed and constructed a costume, organized a soundscape, or created set models or special effects.

MARGARET BALL

Theatre

JONI OYE-BENINTENDE

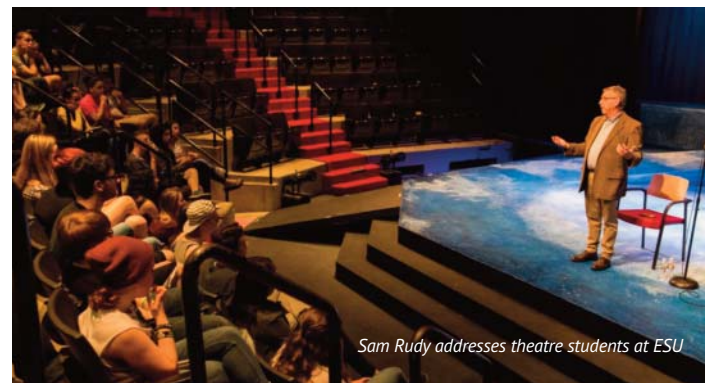
Art + Design

Industry Month: The Other Side of the Foot-Lights: Careers in Design and Promotion in the Performing Arts

Funding Source: PA Department of Community and Economic Development (DCED) - Entrepreneurship Across the Colleges

Amount Awarded: \$2,500

OVERVIEW: The theatre and art + design departments were dually awarded an Entrepreneurship Across the Colleges grant. This award enabled the visit of John Lee Beatty, an internationally recognized theatre designer, and Sam Rudy, the



Sam Rudy addresses theatre students at ESU



Participating students pose for their final group photo at the summer 2016 Gear Up camp An Introduction to a Career in the Performing Arts

press agent for the hit Broadway show “Hamilton,” to give keynote talks and workshops with ESU theatre majors.

MEAGHAN BIRD NICOLE L. CHINNICI

Northeast Wildlife DNA Laboratory

Colorado Cottontail Species Identification

Funding Source: Colorado Wild Rabbit Foundation

Amount Awarded: \$600

OVERVIEW: In spring 2015, a cottontail rehabilitator in Colorado submitted eight unknown cottontail samples to the DNA Laboratory for identification. A variable region of the mitochondrial COI region was used to identify species of cottontail. DNA sequences were aligned using program MEGA to confirm identification.

Arizona Snail Haplotype Study

Funding Source: Arizona Game and Fish Department

Amount Awarded: \$5,800

OVERVIEW: In 2014, a Northeast Wildlife DNA Laboratory study of springsnail samples from Arizona identified species within various fresh water drainage locations. To further investigate springsnail populations, the Arizona Game and Fish Department submitted an additional 60 springsnail samples in 2015. Following species identification, genetic differences and haplotypes between and within sample sites were analyzed. Results of the study contributed to a larger genetic variation study of springsnails in Arizona.

Arizona Snail Identification Study

Funding Source: Arizona Game and Fish Department

Amount Awarded: \$4,550

OVERVIEW: A total of 50 unknown springsnail samples from five fresh water springs in Arizona were collected. A variable region of the mitochondrial COI gene was analyzed to identify species. DNA sequences were aligned and genetic variation between species was analyzed.

Tick Testing for 140 Pools

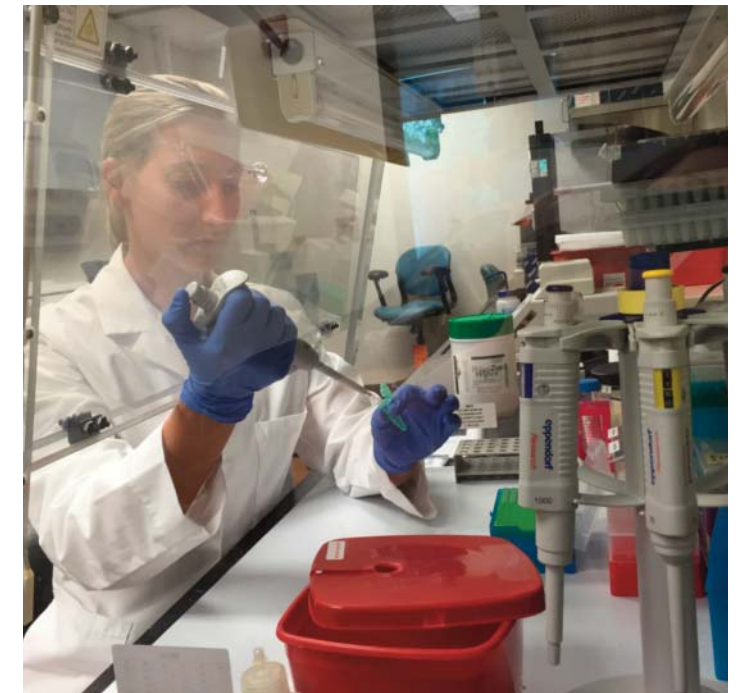
Funding Source: Grove City College

Amount Awarded: \$7,380

OVERVIEW: Ticks were collected from deer check stations by Grove City College personnel in all six regions of



Female Deer Tick



Nicole Chinnici works in the Northeast Wildlife DNA Lab

Pennsylvania. Ticks were sent in to the DNA Lab for testing. DNA was extracted from 140 pools of ticks, each pooling containing approximately five ticks. Following DNA extraction, ticks were tested for four pathogens; *Borrelia* species, *Babesia microti*, *Anaplasma phagocytophilum* and *Bartonella* species.

JULIAN COSTA

Communication

Purchase of Document Cameras for Classroom Use

Funding Source: ESU Foundation

Amount Awarded: \$1,000

OVERVIEW: The ESU Foundation grant, matched with funding from the communication department and ESU ‘Tech Fee’ monies, outfitted five classrooms in Monroe Hall with document cameras. A document camera, much like an overhead projector, allows the presenter to project “realia” (such as printed books, 3-dimensional objects, and other visuals) using the classroom’s projection system. The purchased cameras enhanced students’ classroom presentations and improved the environment to better resemble professional venues.



Students from the Latin American Association assist with registration for the first Latino Undergraduate Conference at ESU.
From left: Julian Morales, Valeria Echeverry, Jayne Rymut, Itsel Gomez, Jose Araujo, Roberto Retana, and Rose Dute

ESTHER DAGANZO-CANTENS

Modern Languages

First Annual Latin American, Spanish and U.S. – Latino Undergraduate Conference

Funding Source: PA Department of Community and Economic Development (DCED) - Entrepreneurship Across the Colleges
Amount Awarded: \$1,000

OVERVIEW: In spring 2016, ESU hosted its first annual Latino Undergraduate Conference supporting the university’s “Students First” mission by providing regional students the opportunity to hone their skills of investigation, research, and public presentation. This conference gave students a competitive edge within the job market and raised awareness of the globalized world and the importance of the Spanish language and culture in global affairs.

LEIF JOHAN ELIASSEN

Political Science

Who Shapes Trade Policy? Explaining the Transatlantic Trade and Investment Partnership Negotiations

Funding Source: Charles Koch Foundation
Amount Awarded: \$5,000

OVERVIEW: In spring 2016, Professor Eliasson secured funding for research that answered questions about the Transatlantic Trade and Investment Partnership between the United States and the European Union. Research findings provided an understanding of the role that interest groups play in shaping modern trade agreements and both America and Europe’s abilities to cooperate on standards in a globalized context.

DARLENE FARRIS-LABAR

Art + Design

A Planet that Dreams: Advanced Technology to Highlight Ecosystem Sustenance

Funding Source: FDR Major Leveraging Grant
Amount Awarded: \$5,929

OVERVIEW: In spring 2016, Professor Farris-Labar used 3D printing technology to explore how full-color printing and high-resolution surface texture in 3D and 4D printed materials reacted when exposed to natural elements. The result was an exhibition at ESU that unveiled an intimate perspective of organisms in nature and brought attention to the issue of ecosystem sustenance.

Methodologies: Combining Art and Science

Funding Source: ESU Foundation
Amount Awarded: \$1,000

OVERVIEW: This grant helped support an international exhibit hosted by the ESU Department of Art + Design that combined art and science. The exhibition was the first presentation in the newly launched Provost’s Colloquium Series.



The Methodologies exhibit at ESU included unique performance art.

COLLEGE OF ARTS AND SCIENCES



Dr. Bonnie Green works with ESU student Dominika Douckova on research for the State System GEAR UP grant.

BONNIE GREEN

Psychology

Gaining Awareness and Readiness for Undergraduate Programs (GEAR UP-3)

Funding Source: U.S. Department of Education - Pennsylvania State System of Higher Education
Amount Awarded: \$35,185

OVERVIEW: In fall 2015 and spring 2016, Professor Bonnie Green served as external evaluator to this State System program. She reviewed implementation and school district data, prepared data reports, and guided the project director in continuous improvement of the external evaluation plan and use of additional resources. She also worked with the project director in identifying additional GEAR UP-3 key developmental mechanisms associated with academic success, which will be used to improve the program.

RICK KELLY

Chemistry

Establishment of a Regional Analysis Wine Laboratory

Funding Source: PA Department of Community and Economic Development (DCED) - Entrepreneurship Across the Colleges
Amount Awarded: \$2,500

CO-PI: JON GOLD

Chemistry

OVERVIEW: In fall 2016, funding for this project provided continued support in establishing an analytical laboratory on ESU’s campus for the analysis of substances of interest to the regional winemaking industry.

IRINA KHUSID

Psychology

Credit W!\$E Warriors Program

Funding Source: Higher One
Amount Awarded: \$3,500

CO-PI: SHEILA HANDY

College of Business and Management | Business Management

CO-PI: JACK TRUSCHEL

University College | Academic Enrichment and Learning

OVERVIEW: Professors Khusid, Handy and Truschel implemented the Credit W!\$E program in fall 2015 to assist incoming students in avoiding financial mistakes. This program helped students gain an understanding of credit card policies, student loan terms and the fundamentals of interest rates, balancing checkbooks, developing budgets and other financial actions.

Learn to RE\$!\$T: Reduce Excessive \$pending and Incorporate \$avings Techniques

Funding Source: FDR Interdisciplinary Incentive
Amount Awarded: \$5,804

CO-PI: SHEILA HANDY

College of Business and Management | Business Management

CO-PI: QIAN (JANE) XIE

College of Business and Management | Business Management

OVERVIEW: In fall 2015 and spring 2016, Professors Khusid, Handy and Xie collected preliminary data in order to seek larger external funding. The project tested the financial knowledge of college seniors and exposed them to financial workshops and seminars so they can learn to manage personal finances such as student loans and credit card debt after graduation.



Randy Rice from Mountain View Vineyard, Professor Jon Gold and student Phillip Reinhardt

HEON KIM

Philosophy and Religious Studies

Students First Conference

Funding Source: ESU Foundation

Amount Awarded: \$1,000

OVERVIEW: Professor Kim received this ESU Foundation grant to host a conference for the Pennsylvania State System of Higher Education Interdisciplinary Association for Philosophy and Religious Studies at ESU on April 8-9, 2016. This Students First Conference provided undergraduate students a valuable opportunity to present their papers for peer review in a highly academic setting; fostered and developed critical thinking; promoted mentorship between faculty and students; and ultimately helped students have an invaluable experience to shape them into desirable graduate candidates, resulting in successful entry into the competitive job market.

JOSHUA LOOMIS

Biological Sciences

Development and Optimization of a Real Time PCR Assay for Tick-borne Pathogens

Funding Source: FDR Major Leveraging Grant

Amount Awarded: \$5,980

OVERVIEW: In spring 2016, Professor Loomis conducted surveillance for tick-borne pathogens and provided tick testing services to the public at the Northeast Wildlife DNA Laboratory (NEWDL). FDR funding provided NEWDL the opportunity to utilize novel pathogen testing technology and develop a unique, comprehensive assay. This assisted in the optimization of a testing protocol that benefited public health in Pennsylvania.

CARRIE MALONEY

Sociology, Social Work and Criminal Justice

Probation Officers' Compliance with Use of the Youth Level of Service/Case Management Inventory: A Multi-Level Study of Post-Implementation Practice Across Pennsylvania Counties

Funding Source: National Institute of Justice — Rutgers University

Amount Awarded: \$37,792

OVERVIEW: In spring 2016, Professor Maloney examined practitioners' routine use and compliance with Risk/Needs Assessment Tools (RNA) in the Youth Level of Service/Case

Management Inventory (YLS/CMI) by juvenile probation officers in Pennsylvania. This study advanced the academic knowledge of RNA implementation within a criminal justice context and provided a broader contribution to translational criminology and implementation science.

DAVID MAZURE

Art + Design

JOCELYN KOLB-DEWITT

Art + Design

ALBERTO ALEGRE

College of Education

Early Childhood Education



Birds of a Feather

Funding Source: PA Department of Community and Economic Development (DCED) - Entrepreneurship Across the Colleges

Amount Awarded: \$2,500

OVERVIEW: This truly collaborative project was undertaken by: the Strategic Plan Goal 3 – Innovation and Entrepreneurship Committee, Strategic Plan Goal 4 – Innovative Faculty Committee, the C.R.E.A.T.E. Lab, New Mind Design and the G3Design Lab. The Birds of a Feather project proposed using the C.R.E.A.T.E. Lab to provide space for professors and students from multiple disciplines across ESU to interact with ESU entrepreneurs from the DNA Lab, G3Design Lab, etc. This interaction allowed for free-flow of ideas in an informal atmosphere allowing for collaborations. A “thinking design model” was used as a tool. Socks were designed and offered for free to help bolster attendance and were donated to charities to fulfill the project's social mission.



Students demonstrate their entrepreneurial spirit by modeling socks as part of the Birds of a Feather project.

JONI OYE-BENINTENDE

Art + Design

CARRIE MALONEY

Sociology, Social Work and Criminal Justice

Cellblock Visions: An Exhibition of Art Created by Prisoners and Presentation by Curator, Phyllis Kornfeld

Funding Source: ESU Foundation, PA Department of Community and Economic Development (DCED) - Entrepreneurship Across the Colleges

Amounts Awarded: \$1,000; \$2,500

OVERVIEW: In spring 2016, Professors Oye-Benintende and Maloney and their departments hosted an exhibit at ESU that demonstrated the transformative healing power of art for inmates in the United States; it included paintings, drawings and objects made by incarcerated men and women across six states. The curator of this collection, Phyllis Kornfeld, taught in prison arts programs and gave a presentation as well as visited classes to speak about her experiences with students.



Cellblock Visions guest speaker and curator Phyllis Kornfeld



Artwork created by an inmate and shown as part of the Cellblock Visions exhibition



Marquee at the Pocono Cinema & Cultural Center highlights films as part of the ESU sponsored Third Annual Latino Heritage Month Film Festival

ANNIE MENDOZA

Modern Languages

Third Annual Latino Heritage Month Film Festival

Funding Source: PRAGDA Spanish Film Club

Amount Awarded: \$1,250

OVERVIEW: The Latino Heritage Month Film Festival brings contemporary Spanish, Latin American, and U.S. Latino cinema to ESU. The festival introduces students to the language and cultures of these communities with films that help raise awareness of Hispanic communities abroad as well as here in the U.S. This effort continues to develop the ties that ESU has with the surrounding geographic regions, and in particular, the growing Latino communities of ESU, the Poconos, and other nearby areas. The festival appeals to current as well as prospective students.

JONI OYE-BENINTENDE

Art + Design

steAm! Live Design

Funding Source: Pocono Council on the Arts, Pocono Chapter PA Guild of Craftsmen

Amounts Awarded: \$931; \$300

OVERVIEW: In spring 2016, Professor Oye-Benintende paired artisanry and technology in an exhibition at ESU's Madelon Powers Art Gallery where two local artists, Jocelyn Kolb-DeWitt, ESU associate professor and Kimberly Snyder, product designer and professor at Pratt Art Institute, presented workshops for students and community members. One artist presented on 3D printing and design while the second focused on high school and college-age students and introduced them to the field of product design and the design process.

JEFF RUTH

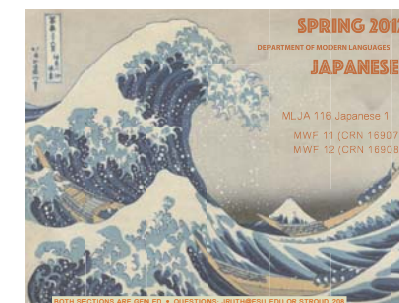
Modern Languages

Salary Assistance Grant for Japanese-Language Courses

Funding Source: Japan Foundation

Amount Awarded: \$24,000

Professor Ruth was awarded a grant to support the initiation of Japanese language courses to begin in spring 2017 at ESU. In the last twelve years, Japanese has been a less



Flyer advertising the Japanese course

commonly taught but a more in-demand language. The modern languages department believes that conditions are optimal to launch a Japanese language program at ESU.

GEAR UP-3 Summer Camps (Spanish at Work!)

Funding Source: U.S. Department of Education – Pennsylvania State System of Higher Education
Amount Awarded: \$15,472

OVERVIEW: In summer 2016, 40 rising ninth graders attended the Spanish at Work! camp, which focused on multiple career possibilities open to students who love learning and using Spanish. For each of the four days, students engaged in hands-on activities allowing them to meet language professionals working in different sectors, and to apply their own Spanish skills to mini-projects that represent a cross-section of potential careers.

HOLLY WELLS

English

Senior Writers’ Documentary Projects

Funding Source: ESU Foundation
Amount Awarded: \$992

OVERVIEW: This project gave ESU students in the English

department’s professional and media writing track an introduction to skills needed to perform “writer” jobs in the real world, while supplying them with real deliverables they could add to their portfolios. Students had the opportunity to learn Adobe Premiere (video editing), Photoshop (photo editing) and Story (script writing and management).

HOWARD WHIDDEN

Biological Sciences

Continued Monitoring and Management of WNS-Affected Bats in the Delaware Water Gap National Recreation Area and Upper Delaware Scenic and Recreational River Corridor

Funding Source: National Park Service
Amount Awarded: \$33,700

OVERVIEW: In spring 2016, Professor Whidden monitored and took population surveys for the *Myotis lucifugus* and *Myotis septentrionalis* species in an effort to protect surviving populations and minimize future threats. These efforts included installation of bat boxes in both parks and surveys of buildings in the Delaware Water Gap National Recreation Area for additional maternity colonies.

EXTERNAL GRANT SUBMISSIONS (PENDING AWARD DECISION 16-17)

- Dongsheng Che**, *Computer Science*
Pharmacorank: Search Engine for Prioritizing Medications and Their Protein Targets, Amount Requested: \$100,800

Meaghan Bird, Nicole Chinnici, *Northeast Wildlife DNA Laboratory*
Maine River Otter Project, Amount Requested: \$6,500
Cottontail Species Identification, Amount Requested: \$6,000
Ixodes scapularis Testing, Amount Requested: \$15,000
North Carolina Coyote/Wolf Project, Amount Requested: \$7,500

Michelle Jones-Wilson, *Chemistry*, **Bonnie Green**, *Psychology*, **Olivia Carducci**, *Mathematics*
Clear Path – Scholarships in Science, Technology, Engineering and Math – S-STEM, Amount Requested: \$3,903,462

Annie Mendoza, *Modern Languages*
Third Annual Latino Heritage Month Film Festival, Amount Requested: \$1,000

Paul Wilson, *Biological Sciences*, **Michele Jones-Wilson**, *Chemistry*, **Robert Marmelstein**, *Computer Science*
Envision for Success: Improving Undergraduate STEM Education – IUSE, Amount Requested: \$587,980

DONGJIAO ZHAO

Biological Sciences

Therapy Enhances Structural Plasticity and Functional Outcome after Stroke

Funding Source: FDR Major Leveraging Grant
Amount Awarded: \$5,980

OVERVIEW: In summer 2016, Professor Zhao took a multidisciplinary approach (confocal microscopy, electrophysiology, biological technology) to study the molecular mechanisms underlying the local microenvironment for self-repair, such as neurogenesis or axonal growth, after stroke. The research contributed to learning more about spontaneous and late recovery after stroke.

AWARDED FDR MINI GRANTS

LAURENE CLOSSEY

Sociology, Social Work and Criminal Justice

The Experiences of a National Sample of Certified Peers Specialists in Mental Health

Amount Awarded: \$1,000

MICHAEL GRAY

History

Penn State Civil War Study Tour: Seeds to Touring Civil War Sites Online Class

Amount Awarded: \$1,200

MARIA KITCHENS-KINTZ

Biological Sciences

Assessing GMO Contamination in USDA Organically Certified Seeds

Amount Awarded: \$980

JOCELYN KOLB-DEWITT

Art + Design

3D Jewelry Exhibition at Madelon Powers Gallery

Amount Awarded: \$1,200

JOSHUA LOOMIS

Biological Sciences

Analysis of Interactions Between Candida albicans and Staphylococcus Aureus in Mixed Species Biofilms

Amount Awarded: \$1,193

DAVID MAZURE

Art + Design

Creative Skills Development

Amount Awarded: \$1,084

Neptunes Kingdom Fabric Printing

Amount Awarded: \$618

ERIN O’DONNELL

History

Consulting the Margaret-Bourke White Collection

Amount Awarded: \$597

JONI OYE-BENINTENDE

Art + Design

DIY Ceramic 3D Printers

Amount Awarded: \$1,200

COLLEGE OF

Business and Management

**only faculty awarded grants are pictured*



TODD BEHR



SHEILA HANDY
CO-PI, P. 11



PATTABIRAMAN NEELAKANTAN



BETH SOCKMAN



QIAN (JANE) XIE
CO-PI, P. 11

External Grants

Total Amount Funds Requested	\$31,000
Total Amount Funds Awarded	\$16,000
Number of Proposals Requested	3
Number of Proposals Awarded	2

FDR Grants

Total Amount Funds Requested	\$19,339
Total Amount Funds Awarded	\$1,200
Number of FDR Proposals Requested	5
Number of FDR Proposals Awarded	1

PATTABIRAMAN NEELAKANTAN

Economics and Finance

Impact of Minimum Wage Increases in Rural and Urban Pennsylvania

Funding Source: Center for Rural Pennsylvania
Amount Awarded: \$15,000

CO-PI: TODD BEHR

Economics and Finance

OVERVIEW: In spring 2016, Professor Neelakantan identified industries and occupations in rural and urban Pennsylvania that paid minimum wages and estimated the economic costs-benefits to specific industries, occupations, and demographic groups. Minimum wage was increased by differing amounts to assess the impact on public income maintenance programs.

BETH SOCKMAN

Digital Media Technologies

Qualitative Analysis Research Software for Research & Instruction in a Service-Learning Project

Funding Source: ESU Foundation
Amount Awarded: \$1,000

OVERVIEW: This grant supported practical action research using Nvivo software to determine themes in a service learning project. For half of the 2016 spring semester, DMET 262

students traveled to J.M. Hill Elementary school in East Stroudsburg and tutored children using technology and hands-on resources. The purchased software was used to study the effects of this service learning project on the DMET 262 students, to determine patterns and to share the results easily and efficiently with others.

AWARDED FDR MINI GRANTS

YI-HUI HUANG

Digital Media Technologies

Attendance of the Creativity Workshop in NYC

Amount Awarded: \$1,200

EXTERNAL GRANT SUBMISSIONS (PENDING AWARD DECISION 16-17)

Todd Behr, Economics and Finance

Income Maintenance Program Use in Rural and Urban Pennsylvania – Research Mini Grant Program, Amount Requested: \$15,000

COLLEGE OF Education

*only faculty awarded grants are pictured



ALBERTO ALEGRE
CO-PI, P. 12



GINA R. SCALA



PATRICIA SMEATON

External Grants

Total Amount Funds Requested:	\$585,000
Total Amount Funds Awarded:	\$60,000
Number of Proposals Requested	4
Number of Proposals Awarded	2

FDR Grants

Total Amount Funds Requested	\$6,815
Total Amount Funds Awarded	\$0
Number of FDR Proposals Requested	2
Number of FDR Proposals Awarded	0

GINA R. SCALA

Special Education and Rehabilitation

Project MAX Institutes of Higher Education Partnership

Funding Source: Pennsylvania Department of Education
Amount Awarded: \$10,000

OVERVIEW: In fall 2015 and spring 2016, Professor Scala and her team implemented Project MAX. The purpose of the program was to increase the capacity of Pennsylvania schools to provide students with maximum access to learning of the general education curriculum and the PA core standards.

PATRICIA SMEATON

Professional and Secondary Education

Educational Research

Funding Source: The Doug and Gay Lane Foundation
Amount Awarded: \$50,000

OVERVIEW: This grant was used to support the professional development of faculty in the Professional and Secondary Education Department and to support those faculty to attend conferences. It was also used to help develop the department's Professional Development School efforts with local schools, such as those in the Bethlehem school district.



EXTERNAL GRANT SUBMISSIONS (PENDING AWARD DECISION 16-17)

Terry Barry, Dean, College of Education, Woodrow Wilson Teaching Fellowship Program, Amount Requested: \$500,000

Pat Pinciotti, Professor Emeritus, C.R.E.A.T.E. Lab, HARMAN Innovation Awards: Active Learning Space, Amount Requested: \$25,000

COLLEGE OF Health Sciences



ALBERTO CARDELLE



SUSAN DILLMUTH-MILLER



GERARD ROZEA
CO-PI, P. 23



STEVE SHIVE



STEVEN GODIN
CO-PI, P. 21



MIHYE JEONG



CLARE LENHART



JANE MCDEVITT



KEITH VANIC
CO-PI, P. 23



CHAD WITMER



PENG ZHANG

**only faculty awarded grants are pictured*

External Grants

Total Amount Funds Requested	\$553,687
Total Amount Funds Awarded	\$407,577
Number of Proposals Requested	13
Number of Proposals Awarded	7

FDR Grants

Total Amount Funds Requested	\$56,873
Total Amount Funds Awarded	\$36,033
Number of FDR Proposals Requested	17
Number of FDR Proposals Awarded	10

ALBERTO CARDELLE

Health Studies | The Institute for Public Health Research and Innovation

Live Healthy PA

Funding Source: Centers for Disease Control and Prevention (CDC) – PA Department of Health (PA DOH)
Amounts Awarded: \$188,379; \$80,009

CO-PI: STEVEN GODIN

Health Studies | The Institute for Public Health Research and Innovation

OVERVIEW: In this multi-year, ongoing grant, Drs. Cardelle and Godin identified partners and contractors in an effort to begin the development of an individual evaluation plan (IEP) which allows the Pennsylvania Department of Health and all its interested stakeholders to determine the meeting of objectives; improve program implementation; provide accountability to funders, community and stakeholders; and inform policy decision makers about the replication of similar



activities across various chronic diseases.

Comprehensive Asthma Control Through Evidence-based Strategies and Public Healthcare Collaboration

Funding Source: Centers for Disease Control and Prevention (CDC) – PA Department of Health (PA DOH)
Amount Awarded: \$59,999

OVERVIEW: In fall 2015 the Institute for Public Health Research and Innovation, under Professor Cardelle’s supervision, implemented the CDC’s approved evaluation plans for the Asthma Control Program. Plans included: development of data collection tools, collection/analysis of data; assessment of programmatic impact; monitoring/analysis of changes in policy and environmental conditions; and production of reports and publications to disseminate results, findings and key recommendations.

SUSAN DILLMUTH-MILLER

Communication Sciences and Disorders

Audiological Manifestations in Rheumatoid Arthritis and Lupus

Funding Source: FDR Major Leveraging Grant
Amount Awarded: \$5,834

OVERVIEW: In spring 2016, Professor Dillmuth-Miller conducted research on campus that evaluated 30 patients with Rheumatoid Arthritis (RA) and Systemic Lupus Erythematosus (SLE) to determine incidence of hearing loss within the population. Management guidelines were developed for effectiveness evaluation and the resulting data assisted in developing a case history and screening protocol.

Hear for You

Funding Source: ESU Foundation
Amount Awarded: \$250

OVERVIEW: This grant funded a support group for deaf and hard of hearing ESU students. The group meets monthly and the money has been used to fund a field trip to the Hearing Loss Expo in Harrisburg, PA. The goals of the support group are: to provide psychosocial support and communication strategy training for students who are deaf and hard of hearing; establish a network for students who are deaf and hard of hearing; provide hands-on training to graduate students in speech pathology in leading a support group and learning about socio-emotional needs of those with hearing loss; and retain deaf and hard of hearing students at ESU until degree completion.



STEVEN GODIN

Health Studies | The Institute for Public Health Research and Innovation

Program Evaluation of the Community Health and Wellness Program at the United Neighborhood Centers of Northeastern Pennsylvania

Funding Source: United Neighborhood Centers of Northeastern Pennsylvania
Amount Awarded: \$21,940

OVERVIEW: In spring 2016, Professor Godin performed an organizational network analysis to assess the pathways of community-based organizations' collaboration that have been enhanced as a function of this funding. This evaluation will provide the outcome data and evidence needed to secure future funding for the Institute for Public Health Research & Innovation (IPHRI).



HRSA Dual Degree Program

Funding Source: Health Resources and Services Administration (HRSA) – The Commonwealth Medical College
Amount Awarded: \$50,000

CO-PI: ALBERTO CARDELLE

Health Studies | The Institute for Public Health Research and Innovation

OVERVIEW: In fall 2015, Professor Godin worked with The Commonwealth Medical College (TCMC) to develop a database for students ready to complete the internship requirement of the Public Health Certificate. He continued to work closely with TCMC medical students to ensure that they were integrated into ESU courses. Professor Cardelle provided assistance with this project regarding overall grant administration.

MIHYE JEONG

Physical Education Teacher Education

Health Disparities Among People with Disabilities: Physical Activity Participation

Funding Source: FDR Major Leveraging
Amount Awarded: \$5,980

OVERVIEW: In spring 2016, Professor Jeong validated the Theory of Planned Behavior (TPB) model as an assessment tool to

measure the intention of people with disabilities toward participation in physical activity. More than 200 participants completed the survey with the expected outcome being that the TPB model is valid as an appropriate tool.

CLARE LENHART

Health Studies

Driving Away From Health?

Funding Source: FDR Major Leveraging
Amount Awarded: \$5,980

OVERVIEW: In spring 2016, Professor Lenhart collected comprehensive pilot data among Monroe County commuters to measure the region's need for better public health programs and management. Public health threats of insufficient physical activity and sedentary lifestyles combined with poor diet contribute to poor health outcomes. This research will assist in securing future funding for health programs that will benefit Monroe County.

JANE MCDEVITT

Athletic Training

Prolonged Concussion Recovery May Be Associated with Genetic Variations

Funding Source: FDR Major Leveraging
Amount Awarded: \$5,980

CO-PI: KEITH VANIC

Athletic Training

CO-PI: GERARD ROZEA

Athletic Training

OVERVIEW: In spring 2016, Professors McDevitt, Vanic and Rozea set out to determine genetic markers associated with concussion prevalence and recovery. This research was conducted on campus and helped create an understanding of concussion recovery for athletes who were at risk of developing long term injury-related problems. The prospective genotyping of athletes before sports season improved monitoring and management of concussed athletes.

PENG ZHANG

Exercise Science

Mobile Fitness App to Promote Physical Activity in a Young Adult Population

Funding Source: FDR Interdisciplinary Incentive
Amount Awarded: \$5,800

CO-PI: STEVEN GODIN

Health Studies

CO-PI: CHAD WITMER

Exercise Science

CO-PI: DONGSHENG CHE

College of Arts and Sciences | Computer Science

OVERVIEW: In FY 2015-2016, Professor Zhang and team assessed the efficacy of a theory-based phone app that applied health behavior change models to promote physical activity in young adults. Data assessed functionality and overall impact on physical activity which helped the authors seek continued extramural funding to further refine the app for use within the college-aged population and secondary schools.



STEVE SHIVE

Health Studies

Improving Diets with an Ecological Approach for Lifestyle (IDEAL) in Asian Americans

Funding Source: Centers for Disease Control and Prevention (CDC) – Temple University
Amount Awarded: \$7,000

OVERVIEW: In fall 2015, Professor Shive sought to improve access to healthy foods in locations where food was served to Asians. Because of the increased risk of health issues in Asian Americans such as diabetes, hypertension and obesity due to acculturation, increased access to healthy food and drink options is essential in helping the Asian American demographic make healthy choices.

AWARDED FDR MINI GRANTS

JENNIFER BLECK

Health Studies

Modeling Mental Health Comorbidities

Amount Awarded: \$1,200

ELIZABETH GIBBONS

Physical Education

Diversity in Dance: the Flurry Festival

Amount Awarded: \$459

JANE MCDEVITT

Athletic Training

Genetic Association for Prolonged Recovery

Amount Awarded: \$1,200

LORI PIERANGELI

Nursing

Certificate in Simulation

Amount Awarded: \$1,200

EMILY SAUERS

Exercise Science

Protein Supplementation, Strength, and Body Comp

Amount Awarded: \$1,200

University College



URIEL TRUJILLO



JACK TRUSCHEL
CO-PI, P. 11

*only faculty awarded grants are pictured

External Grants

Total Amount Funds Requested	\$416,000
Total Amount Funds Awarded	\$416,000
Number of Proposals Requested	1
Number of Proposals Awarded	1

URIEL TRUJILLO

Upward Bound

Upward Bound

Funding Source: U.S. Department of Education

Amount Awarded: \$416,000

OVERVIEW: As part of the Federal TRIO programs, Upward Bound, directed by Uriel Trujillo, provided academic services and experiences to individuals from disadvantaged backgrounds beginning in middle school. These funds provided academic tutoring, college preparation, instruction in core subjects and other education-related assistance.



EXTERNAL GRANT SUBMISSIONS (PENDING AWARD DECISION 16-17)

LuAnn Batson-Magnuson, Communication Sciences and Disorders

ESU Speech and Hearing Center Comprehensive Head Start Preschool Screening, Amount Requested: \$11,733

Susan Dillmuth-Miller, Communication Sciences and Disorders

ESU Hosting International Speaker on Auditory Processing Disorder, Amount Requested: \$150

Clare Lenhart, Health Studies

Examination of Local Parks and Recreation Areas in Rural Pennsylvania – Research Grant Program, Amount Requested: \$50,000

Steve Shive, Health Studies

Hypertension among Middle Koreans: Risk Factor Identification and Intervention for Enhanced Dietary and Physical Activity Regimen Adherence, Amount Requested: \$82,407

Elaine Shuey, Communication Sciences and Disorders

Departmental Specific and University Wide Resource Materials, Amount Requested: \$900

Peng Zhang, Exercise Science

The Utilization of Microsoft Bands in Teaching Physical Conditioning and Aerobics Activities Courses, Amount Requested: \$920

University Divisions and Affiliates

Academic Affairs, Administration and Finance,
ESU Center for Research and Economic
Development, ESU Foundation, Research and
Economic Development

**only faculty awarded grants are pictured*



LIANNA DESANTIS



GERALD EPHAULT



SHARONE GLASCO



MARIA HACKNEY



ALYSON PATASCHER



MARY FRANCES POSTUPACK



RICHARD SANTORO

External Grants	
Total Amount Funds Requested	\$1,466,691
Total Amount Funds Awarded	\$853,206
Number of Proposals Requested	11
Number of Proposals Awarded	7

ESU FOUNDATION AND UNIVERSITY ADVANCEMENT

Renovation of Baseball and Softball Athletic Fields

Funding Source: The R. Dale and Frances M. Hughes Foundation
Amount Awarded: \$250,000

OVERVIEW: The funding supported a collaborative community improvement project involving East Stroudsburg University, the ESU Foundation, Stroudsburg Little League, Inc. and Stroud Township. It supported renovations and upgrades to the Sarah Cole Hughes Athletic Complex located in Stroud Township. The enhancements, including the installation of artificial turf, expanded the usage of the Athletic Complex to include both the Stroudsburg Little League, Inc. and ESU's NCAA Division II baseball and softball teams.

Third Annual Latino Heritage Month Film Festival

Funding Source: Pennsylvania Council on the Arts
Amount Awarded: \$662

CO-PI: ANNIE MENDOZA
College of Arts and Sciences | Modern Languages

OVERVIEW: The Latino Heritage Month Film Festival brings contemporary Spanish, Latin American, and U.S. Latino cinema to ESU. The festival introduces students to the language and cultures of these communities with films that help raise awareness of Hispanic communities abroad as well as here in the U.S. This effort continues to develop the ties that ESU has with the surrounding geographic regions, and in particular, the growing Latino communities of ESU, the Poconos, and other nearby areas. The festival appeals to current as well as prospective students.

GERALD EPHAULT

Research and Economic Development | Entrepreneurial Leadership Center

Student Business Plan Competition Coordinator

Funding Source: Pennsylvania State System for Higher Education

Amount Awarded: \$30,000

OVERVIEW: This grant funded the coordinator of the system-wide Student Business Plan Competition for the 2015-2016 academic year. The coordinator implemented the fourth year of the competition in accordance with procedures established in prior competitions in addition to advising the Steering Committee representing the 14 State System universities.

SHARONE GLASCO

Research and Economic Development | Office of Workforce Development

WEDnetPA

Funding Source: PA Department of Community and Economic Development (DCED)

Amount Awarded: \$546,042

OVERVIEW: Funds provided through the Workforce and Economic Development Network of Pennsylvania (WEDnetPA) provided qualified employers the ability to train new and existing employees in essential skills and advanced technology. These funds were primarily distributed to advanced



manufacturing and information technology companies throughout Pennsylvania.

MARIA HACKNEY

Student Affairs | University Health Services

Family Planning and STD Prevention

Funding Source: Maternal and Family Health Services, Inc.

Amount Awarded: \$16,502

Overview: University Health Services provides ESU students with free reproductive health care, including STD screening, treatment, counseling and education through the Maternal Family Health Services federal grant at no, or low cost for students. The MFHS grant provided services to 434 students.

ALYSON PATASCHER

Student Affairs | Wellness Education & Prevention

Condom-Gram: A Condom Promotion Delivery Project

Funding Source: Saremi Health & Wellness Foundation

Amount Awarded: \$250

OVERVIEW: In spring 2016, Alyson Patascher headed a program endorsing safe sex practices on ESU's campus. This project was especially important as sexually transmitted infections (STIs) increased at ESU approximately 10% in the past year. Condom-Gram confidentially disseminated 100 barrier method kits to students with the intention of reducing STI rates by 25% over the course of a year.

MARY FRANCES POSTUPACK

Research and Economic Development

PPL Entrepreneurship Across the Colleges and PPL Scholars at East Stroudsburg University

Funding Source: PPL Foundation

Amount Awarded: \$10,000

OVERVIEW: This funding supported the creation of seven opportunities: two PPL Entrepreneurship Across the Colleges internal ESU grants funded at \$2,500 each, to support the infusion of entrepreneurship into the classroom; and five PPL Scholar positions valued at \$1,000 each for students to participate in internship and externship experiences in the STEAM areas (science, technology, engineering, art and math). These internal positions and programs support the development of an entrepreneurial workforce for the 21st century.



EXTERNAL GRANT SUBMISSIONS (PENDING AWARD DECISION 16-17)

Sharone Glasco, *Research and Economic Development*
Innovative Workforce, Amount Requested: \$58,664

Alyson Patascher, *Wellness Education & Prevention*
NCAA Choices, Amount Requested: \$30,000

Mary Frances Postupack, *Research and Economic Development*
ESU Business Accelerator Expansion Project, Amount Requested: \$600,000

Kelly Smith, *Kemp Library*
Preservation Assistance, Amount Requested: \$5,900

Athletics and ESU Foundation Partner with Stroudsburg Little League and Stroud Township

In an effort to create an optimal playing field used by ESU students and local baseball and softball teams, ESU's Athletics Department and the ESU Foundation have initiated a \$1.8M fundraising campaign that will upgrade the fields at Creekview Park in Stroud Township, and are partnering with the Stroudsburg Little League and Stroud Township to permanently relocate baseball and softball practices, competitions and events to the enhanced Creekview fields. The first \$500,000 for this project has been donated by the R. Dale and Frances M. Hughes Foundation, \$250,000 of which was received as a grant in the 2015-2016 fiscal year.

Part of the funds for this upgrade will be used for the following:

- Turf installation on two fields
- Construction of bullpen mounds for both fields

- Construction of home and away dugouts at both fields
- Permanent and accessible bleacher seating for fans
- Designated batting cages for each field
- Overhead netting to protect fans from foul balls

As a Division II school, ESU knows it needs to provide student athletes with fields that meet NCAA regulations, something that the university's current facilities are lacking. Improving the Creekview Park fields not only benefits ESU's Warriors but local teams in the surrounding communities as well. This project will also assist in ESU recruitment efforts as students will be provided a first-class athletic experience.

ESU President Marcia G. Welsh, Ph.D. says that the university "is very excited to be working with Stroud Township and the

Stroudsburg Little League on this project that benefits both Little League players and the outstanding student-athletes within our Warrior baseball and softball programs."

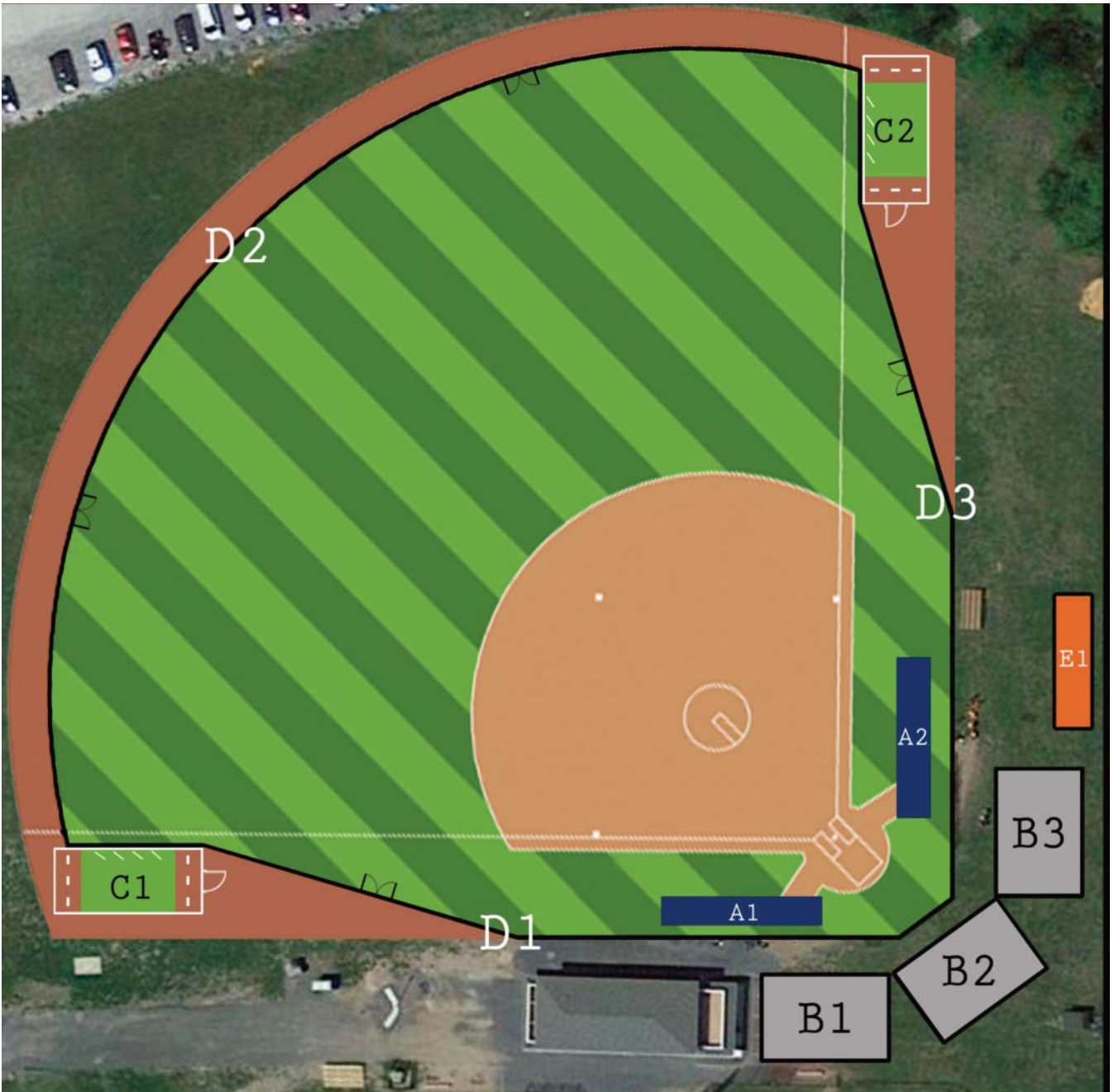
According to officials, ESU athletes and the Stroudsburg Little League will be accommodated so that both groups have fair access to the baseball and softball fields. A formal schedule has yet to be established. However, it is estimated that ESU's teams will have field time from late February through early May. This allows for pre-, regular and post-season practices as well as scheduled and rescheduled home games through the end of each team's regular season schedule.

Stroudsburg Little League practices generally begin in late March or early April so although there will be some overlap, the Little League will have field access on days and times when ESU teams are away, have no practice scheduled, or have concluded home games/practices for the day (i.e., weekends). Additionally, weekday field access for ESU and Little League occurs at different times of the day. ESU and Stroudsburg Little League coaches will work together to expand this partnership during the fall semester.

"The potential of this partnership is just another example of the university's commitment to creating a best-in-class experience for our student-athletes while strengthening the institution's bond with the local community," said Josh Looney, ESU's Director of Athletics.



From left: John Kochmanský, head coach for ESU Warriors Baseball; ESU President Marcia G. Welsh, Ph.D.; Jaime Wohlbach, head coach for ESU Warriors Softball; Josh Looney, ESU director of athletics; Rich Santoro, executive director of the ESU Foundation



East Stroudsburg University Baseball Field

A1: Away Team Dugouts (1040' x 8' – 1030' x 8')	D1: 3rd Base Line Fence (8' chain link fence with 10' field access gate)
A2: Home Team Dugouts (1040' x 8' – 1030' x 8'; both with 10' x 8' storage attached)	D2: Foul Line Fence (6' chain link fence with (2) 10' field access gates)
B1/B2/B3: Grandstand Bleachers – locations/sizes TBD. Approximate capacity 1000	D3: 1st Base Line Fence (8' chain link fence with 10' field access gate)
C1: Away Team Bullpen (70' x 20' with 6' fencing, gate, mounds & benches)	E1: Batting Cages: (60' x 20' approximate sizing; exact TBD)
C2: Home Team Bullpen (70' x 20' with 6' fencing, gate, mounds & benches)	

STUDENT RESEARCH AND CREATIVE ACTIVITY SYMPOSIUM 2016

For the fourth year in a row, East Stroudsburg University students had the opportunity to present their work at the annual Student Research and Creative Activity Symposium, which was held on Thursday, April 21, in the Hoeffner Science and Technology Center. This year presented a continued increase in the number and quality of submissions. There were 138 submissions representing disciplines from each of ESU's Colleges. With over 260 student participants, there was a lot of impressive work on display.



Josh Aronson

Josh Aronson, Ph.D., professor of developmental, social and educational psychology at New York University, was the keynote speaker. Aronson is a leading author in stereotype threat, one of the most widely studied topics in the field of social psychology wherein people

who are aware of the stereotypes associated with them try to skew their behavior to avoid confirming that stereotype. He has received over 5,000 citations in education, law and psychology literature.

In his talk, A More Elevating Approach to Education, he discussed how to address achievement gaps in American schools. Professor Aronson familiarized the audience with some of the psychology that ordinary schools in America have used to make themselves extraordinary. In those schools, test scores are high, students are happy, teachers love their jobs and visitors want to enroll their own children.

ESU students, faculty and administration attended the symposium. Peter Hawkes, Ph.D., dean of the college of arts and sciences, said, "Through participation in these projects, students become active learners, develop intellectual curiosity and clarify career paths." He added, "These research projects enhance and deepen the undergraduate experience."

ACADEMIC ENRICHMENT & LEARNING/SIGMA XI

Ayatt Damra
Kristy Harris
Michael Laforgia
Larry Laubach
Elizabeth McGovern
Sofiaiqbal Mirza
Julia Nikolajuk
Megan Rabon
Erin Rubendall
Tasha Wehrenberg
Howard P. Whidden

ART + DESIGN

Evelyn Barone
Sarah Shiner
Sam Tabshi
Morgan Kasey Weissbach

ATHLETIC TRAINING

Scott Dietrich
Amanda N. Stopinski
Keith Vanic

BIOLOGICAL SCIENCES

Lauren Brennan
Catilyn Collins
Ian Hartman
Jessica Kurtz

BUSINESS MANAGEMENT

Mendim Bardhi
Randall Burgos-Cruz
Mary Drake
Nicole Kern
Cameron Maher
Sarah Shiner
Alyssa Stettler

COMMUNICATION

Radhia Adam
Emily Arciprete
Brittany Barnes
Shantele Burton
Melissa Ciment
Jillian Deiley
Janese L. Felder
Kelly Granillo

Taylor Hutchings
Taylor Kent
Ryan Lewis
John Lipowitch
Justin Raad
Maria Sassane
Yasmeen Shabazz
Andrew Spina
Kelley Anne Stuetz
Janette Sumpter
Melissa Valentovic
Louis Wein
Brittany Winfield

COMPUTER SCIENCE

Pingsheng Gao
Zuqing Li
John Tobin

DIGITAL MEDIA TECHNOLOGIES

Ashley Chell
LaShondra Cherry
Karisa Glassmoyer
Kourtney Lark
Cierra Marks
Kelly O'Donnell
Nicole Palmasano
Ashley Taggart

EARLY CHILDHOOD & ELEMENTARY EDUCATION

Samantha Manento
Jennifer Searfoss
Sarah A. Shaffer
Lori Trachta

ENGLISH

Sarah Bockus
Katelin Delano

HEALTH STUDIES

Seymour Alpha
Audrey A. Amofo-Danquah
Alyssa M. Atkinson
Danielle N. Cannici
Jozie A. Castaldo
Jessica M. Condit
Marieyah O. Dabney-Hurt

Jamie Delcane
Deanna Detweiler
Danielle Dunnigan
Ashley E. Fox
Nicole H. Friedberg
Kayla Gaffney
Shakia A. Goodwin
Ashley L. Maclean
Eileen E. Marzolino
Katherine A. McMaster
Lynn N. Nguyen
Sarah E. O'Neill
Anthony D. Pizzo
Andrea M. Polanco
Deanna M. Ranger
Sarah C. Rossetini
Carleen C. Seabrooks
Aubrey L. Stanlaw
Shaquille N. Stephenson
Ashley L. Sudol
Madison L. Tamburini
Kathryn L. Velez
Tahlasia Williams

MARINE SCIENCE

Angelo Altimari-Falsone
Katelyn Braune
Drew Costenbader
Samantha DeVivo
Ariel Diehl
Jenna Dudek
Garrett Hysong
Kelsey Kagel
Karen Livingood
Kelsey Lund
Ryan McGonagle
Leah Mitchell
Marc Rivas
Raushan Shahalemi
Sully Silva
Jennifer Soto
Taylor Teel
Katrina Zadoyko
Marina Zannino

MATHEMATICS

Katelin D. Becker
Christopher J. Cocuzza
Stephanie T. Cucinella
Briana L. Deemer
Frank E. Dyska
David L. Goldspinner
Laura L. Gulliver
Denis Halvadzhev
Keri L. Hamlen
Ronald Hanaki
Kadeem L. Haskins
Maxwell Pagerie
Jacob T. Pisko
Stephanie A. Pollack
Adam N. Robertino
Corey J. Smith
William C. Swart
Kaitlynn N. Wiltraut
David M. Zettel

PHILOSOPHY & RELIGIOUS STUDIES

Gregg Hanson
Thomas Rundell
Miranda Tripus

POLITICAL SCIENCE

Nichole Burkhart
Joseph M. Carr
Christian Colon

Cassandra DeStefano
Eli Downie
Lillian Grainger
Keisha Kauffman
Ryan Lesane
Justin Watts
Blair Williams

PROFESSIONAL & SECONDARY EDUCATION

Mary Genao

PSYCHOLOGY

Shannon Condello
Kaitlyn Dietrich
Dominika Douckova
Destany LaBar
Caitlin Leming
Julia Nikolajuk
Sam Reilly
Erin Rubendall
Michala Salowe
Gina Santini
Samantha Shultz
Adannia Ufodu
Tasha Wehrenberg
Keith Young-Smith

READING

Students of the Course
REED 350

SPEECH-LANGUAGE PATHOLOGY

Tammy Boyd
Ta-Jshenae Fields
Jaclyn Kavanagh
Julie Rehrig
Members of the Spring 2015
Speech Science Class

SPORT MANAGEMENT

Elias Krol
Lumoi Muttu
Faith Robinson
Marla Simmons
Karoline Vavra

THEATRE

David Kunz
Emma McDonough
Alex Misurella
Sara R. O'Donnell
Rebecca Roeber

SPECIAL EXHIBITS / THEATRE

Jannel Armstrong
Angelica Ramirez
Ayuana Rosario
Cherval Royster
Victoria O. Silva
Taylor V. Torres
Destiny Washington



Ja'nese Felder presents her research at the 2016 Student Research and Creative Activity Symposium.

Entrepreneurship and Innovation

East Stroudsburg University is proud to celebrate the entrepreneurial spirit and innovative minds of our faculty, students and staff. As a university that puts students first, ESU works to help businesses founded and operated by students, faculty, staff and others stay on the path to success. At ESU, collaboration and ingenuity are encouraged and fostered across campus and within the University's Business Accelerator program. Businesses covering various disciplines grow and flourish within this program and ESU students are presented with opportunities to network with other entrepreneurs and faculty in addition to having access to ESU's extended network of local and international businesses and opportunities to participate in the PA State System of Higher Education Student Business Plan Competition.



C.R.E.A.T.E. LAB

ESU's C.R.E.A.T.E. Lab was a national finalist in the 2016 annual Harman Innovation Awards at UBTech, which celebrates innovative higher education institutions and their use of audio video and information technology. The winner is awarded \$25,000 in products from Harman and its subsidiary brands and is recognized in University Business magazine. Professor Emeritus Patricia Pinciotti and faculty member Diane Cavanagh attended the UBTECH Conference. Each semester the lab reimagines how to transform its space and offer different experiences for the ESU Community. In the fall semester, the lab played with CIRCLES and explored how materials, ideas, and others influence the creative process. After ESU read "The Circle" by David Eggers, the lab was on "high alert" for circles to influence the environment and activities in the lab. The C.R.E.A.T.E. lab supported innovation and entrepreneurship on campus by hosting events associated with the Entrepreneurship Across the Colleges grant "Join the Flock," a social entrepreneurship initiative that provides socks to local and global partners Streets2Feet Outreach and The Good Project.

ENTREPRENEURSHIP ACROSS THE COLLEGES

The Entrepreneurship Across the Colleges internal grant program began in 2013 with support from an external grant from the Keystone Innovative Network. Entrepreneurship Across the Colleges has continued with other external support, and provides opportunities for faculty across all colleges to infuse entrepreneurial activity in their classrooms and activities. Since 2013, 20 faculty members acting as project directors have been funded in this program. Grants in FY 15-16 supported five diverse projects, including continued support to a regional analysis wine laboratory; the first Annual Latin American; Spanish and U.S. Latino Undergraduate Conference; a project highlighting careers in design in the performing arts; a cross-departmental lecture and art exhibit of prisoner art; and a truly collaborative, interdisciplinary project to promote entrepreneurialism, including social entrepreneurialism, on ESU's campus.



EXERCISES IN ENTREPRENEURSHIP

In spring 2016, Dr. Andrew Corbett, Professor of Entrepreneurship and Chair of the Entrepreneurship Division at Babson College – the #1 best college for entrepreneurship as ranked by U.S. News and World Report – facilitated a day-long Professional Development Workshop. The Workshop "Exercises in Entrepreneurship" engaged faculty, staff and community members in exercises in entrepreneurial thought and action. Over 70 members of the ESU community attended a variety of sessions that were designed for the specific groups including a plenary introduction, entrepreneurial exercises, and discussions with the Strategic Planning Groups. The productive day ended with a discussion and plan for next steps in infusing entrepreneurial culture at ESU. Exercises in Entrepreneurship was funded in part by a Discovered and Developed in PA (D2PA) grant from the Pennsylvania Department of Community and Economic Development.



Andrew Corbett

FADER PLUGS, LLC

Blaise Delfino, an ESU speech-language pathology graduate student, won first place and \$10,000 in the 2015-2016 Pennsylvania State System of Higher Education Student Business Plan Competition. Blaise won for his business Fader Plugs, LLC. Fader Plugs is on a mission to perceptually transform and aesthetically refashion the use of earplugs. Recently, the company secured a provisional patent and has received a product prototype. Fader Plugs were designed so that the user can control noise attenuation without having to remove the device from the ear. The company is excited about raising hearing preservation awareness and continuing to refine the plugs. Fader Plugs looks forward to releasing their product to the market in 2017.



G3DESIGN LAB/STRATASYS SUPER LAB

ESU had the honor of being named one of the first three universities in the world to have a Stratasys J750 3D printer. ESU joined Columbia University and New York University in utilizing this cutting-edge technology in the classroom and earning the prestigious designation of Stratasys Super Lab. ESU's G3Design Lab was initiated by President Welsh and developed and managed by the art + design department: Joni Oye-Benintende, chair and by professors Darlene Farris-LaBar, and Jocelyn Kolb-DeWitt. The purchase of the printer was made possible by generous donations from the R. Dale and Frances Hughes Foundation as well as the Hays Warner Trust. The printer is located in the ESU G3 Design Lab, which features advanced manufacturing and 3D printing technologies. During FY 15-16, the art + design department received a PA Council on the Arts Partners in Art grant, which supported a workshop in 3D design and printing. Faculty and students worked with the local community to design and print product prototypes and replacement parts for furniture. A student interested in prosthetic design printed a 3D semi-articulated prosthetic hand and is currently working on a custom brace for a local runner. Art + Design students also participated in the Student Research Symposium with poster presentations of their products that were created in the G3D Lab.





THE GOOD PROJECT

The Good Project, founded by ESU graduate David Good in 2013, is a non-profit organization dedicated to the education, health care and cultural preservation of indigenous groups in South and Central America. The Good Project is currently collaborating with healthcare organizations to provide care to the indigenous Yanomami people in Venezuela. David has strong ties to the Yanomami people as his mother, Yarima, is a member of the Yanomami tribe. The Good Project is also working in Costa Rica to build a high school for the remote Cabecar people and plans to continue their volunteer and non-profit work.

GRANTS: THE ROAD TO \$5M

In fall 2015, Dr. Jeffrey Osborn, dean of the school of science and professor of biology at The College of New Jersey (TCNJ), visited ESU for a keynote speech and day of professional development. Dr. Osborn was instrumental in the process of significantly increasing TCNJ's capacity in grant-writing, submission rates, and funding rates for mission-critical needs. Cumulatively, over the last nine years (from 2006-2007 to 2014-2015) TCNJ's school of science successfully brought-in over \$13 million in external grants to support mission-central efforts. His keynote speech, "A Comprehensive, School-Based Approach to Support Grant Writing," engaged faculty, staff and students in TCNJ's journey to increasing scholarship and grants. Over 50 members of the ESU community attended.

The productive day included smaller brainstorming meetings with ESU administration and deans with a discussion and plan for next steps in increasing research and grantsmanship at ESU.



LYME-AID/CUTTER

LYME-AID, co-founded by ESU graduate Melissa Shaw and retired faculty member Jane Huffman, Ph.D., has recently begun a partnership with Cutter, a United Industries brand and leader in insect repellent products. Cutter will be branding LYME-AID kits to sell in big box stores in 2017. LYME-AID/Cutter kits are intended to provide individuals with a convenient means of properly removing ticks and to offer the option to have any ticks they discover on themselves or on pets tested for the presence of the bacteria that causes Lyme disease. LYME-AID/Cutter kits are unique because they are associated with accurate molecular laboratory testing that directly identifies the DNA of the pathogen associated with Lyme disease infections. The testing will be done in the Northeast Wildlife DNA Laboratory at ESU's Innovation Center.

MARATHON STUDIOS

Marathon Studios, Inc., located in ESU's Innovation Center, was founded by Jonathan Weber, ESU alumnus. Jonathan won first place and \$10,000 in the inaugural State System of Higher Education Student Business Plan Competition in 2012. Over the past year, the company participated in a joint venture with Proud Development, LLC founded by ESU alumnus Alan Reed (description below). The joint venture involved the development of FederalPay.org, a transparency tool that contains large amounts of data about the Federal government's spending that is readily available to the public. FederalPay.org features a searchable database of Federal employee salaries and powerful agency-by-agency analysis of compensation and employment. FederalPay.org currently has more than 30,000 daily users. Marathon Studios has also launched SalesTaxHandbook.com, the most comprehensive resource online for consumers and small business owners to learn about sales tax rates and laws across all fifty states. Since its launch in early 2016, SalesTaxHandbook.com has had more than 5,000 daily users. Marathon Studios also acquired AbuseIPDB.com, a service allowing computer security professionals to identify and block hackers and spammers. AbuseIPDB.com has more than 20,000 daily users all over the world.



NEW MIND DESIGN

New Mind Design (NMD) continues to flourish and expand its clientele base. The student-run design agency services ESU organizations and local businesses. NMD's client-outreach efforts have resulted in a pipeline of customers including ESU's athletics department where NMD created all of their posters and schedules for sports events in addition to revamping the athletic department's PR materials. NMD also added Liztech as a new client and helped the jewelry company redesign their logo. NMD recently acquired a silver bullet dye cutting machine that has the capacity to print a multitude of patterns and cut paper to precise specifications, allowing designers to have increased flexibility with the creative process. Additionally, they began to incorporate 3D design into their portfolio through the state-of-the-art 3D printers on campus. NMD was the inaugural recipient of the Student Innovator and Entrepreneur Recognition Award, an award that was newly established in 2016 and which recognizes outstanding undergraduate and graduate students who demonstrate a fresh perspective and an innovative and entrepreneurial approach to scholarship, services, research or practice as it relates to the University's Strategic Plan.



ESU Wildlife DNA Laboratory



NORTHEAST WILDLIFE DNA LABORATORY

The Northeast Wildlife DNA Laboratory, located in ESU's Innovation Center, is an integrated service of the department of biological sciences. This past year, the Lab was busy testing 1,200 ticks for Lyme disease through Lyme-Aid, Tick-Chek and the public. This number is slightly above last year's count of 1,096. The Lab was also subpoenaed for seven wildlife forensic cases in 2016 in three states (PA, NJ and NY) and testified for four, underscoring the Lab's importance as a regional hub of expertise in wildlife forensics. The court cases involved illegal white-tail deer, bear, turkey and bald eagle killings. In one case, the DNA Lab provided evidence to successfully prosecute the illegal killing of American bald eagles and hawks, which are protected species. The only other lab with this expertise on the east coast can be found in Florida. The scientists and students in the Lab utilize state-of-the-art equipment for tick-borne pathogen and genetic analyses. In August, the DNA Lab applied for the Research Experiences for Undergraduates (REU) grant from the National Science Foundation. The grant would provide funding to make the DNA Lab a designated site for eight undergraduate students to conduct research across a ten-week period as well as funding to pay the students accepted into the REU program – funding is pending.



SITUATIONAL AWARENESS SYSTEMS (SAS)

Situational Awareness Systems (SAS), founded by ESU faculty members Dr. Mary DeVito and Dr. Robert Marmelstein, specializes in developing advanced information systems in the Defense, Homeland Security and Medical domains. SAS develops prototype systems to receive customer feedback immediately and dedicates itself to providing real-time situational awareness to support decision makers during times of crisis by delivering the right information in the right form and at the right time. Some of the products and services SAS offers are in the fields of incident management, command and control and bio-surveillance.



Matthew Miltenberger, Ph.D., ATC, CSCS as Coordinator of Sports Performance, works together with ESU student on building strength

SPORTS PERFORMANCE INSTITUTE

The ESU Sports Performance Institute is an innovative collaboration between the Department of Athletics and the Department of Exercise Science. This collaboration aims to increase student success at ESU, build a stronger sense of community between the Departments and further develop the culture of research and scholarship at ESU. The collaboration also provides a professional-in-training platform for both undergraduate and graduate students interested in pursuing a career in sport performance. Matthew Miltenberger, Ph.D., assistant professor, was appointed as its Coordinator. Dr. Miltenberger and his staff will design, conduct and supervise all strength and conditioning sessions for ESU's 20

varsity athletics programs. The strength and conditioning programs will include in-season and out-of-season training, along with structured summer workouts for student-athletes opting to remain at ESU over the summer. The ESU Sports Performance Institute is aligned with ESU's strategic plan and exceeds new NCAA Division II legislative responsibilities for certified strength and conditioning services.

TICKCHEK.COM

TickChek.com, a startup company also founded by ESU alumnus Jonathan Weber, continues to provide laboratory-quality tick testing to people in high-risk areas for Lyme and other tick-borne diseases nationwide. The company shares testing results with physicians and patients within a 48-hour time period enabling patients to quickly identify and seek treatment for exposure to tick-borne diseases before symptoms ever occur. TickChek provides an easy online interface for ordering a tick test at www.TickChek.com. The ESU Northeast Wildlife DNA Laboratory provides all the tick testing services for TickChek.



PROUD DEVELOPMENT, LLC

Proud Development, founded in 2015 by ESU Computer Science graduate Alan Reed, is a digital media publishing studio based in ESU's Innovation Center. Proud Development focuses on making public information more accessible by building powerful and easy to use web applications. They develop and maintain a suite of web applications that provide tools, services, and information for employees in the federal government navigating hiring, promotions, retirement and more. Their flagship property is FederalPay.org, a joint venture developed and launched with frequent collaborator Marathon Studios, Inc. Proud Development also provides consultation, training, and web development services.



Creative Exhibits

STEPHANIE DAVENTRY FRENCH

College of Arts and Sciences | Theatre

ASSISTANT DIRECTOR

Rapture, Blister, Burn by Gina Ginofriddo tells the story of girlfriends Catherine and Gwen, who chose dramatically different paths after graduate school. Catherine built a career as a rock-star academic. Gwen became a homemaker. Decades later, when Catherine returns home to live with her ailing mother, each woman covets the other's life. And so commences a radical game of musical chairs – the prize being Gwen's Peter Pan-like husband, Don.

San Diego Reparatory Theatre, April 21 – May 15, 2016

DARLENE FARRIS-LABAR

College of Arts and Sciences | Art + Design

Darlene Farris-Labar was honored in 2016 as one of the top 30 women in the world who have influenced 3D Printing by All 3dp.com, a leading 3D printing online news source.

SOLO EXHIBITIONS

Botanification

Delaware Water Gap Headwaters, Bushkill, PA – October 2015

Sally D. Francisco Gallery, Peters Valley School of Craft, Layton, NJ – November 2015

Philadelphia Flower Show, Philadelphia, PA – March 2016

Darlene Farris-LaBar, Recent Works,
Artist-Residence Program, Abington Art
Center/FABington Maker-Innovation
Space, Jenkintown, PA – June 2016

GROUP EXHIBITIONS

Bridging Divides IECA,
University of Boulder,
Colorado – June 2015

3D Print Shows
London's Historic Brewery
Building, London, English –
June 2015

3D Print of poppy flower by Darlene Farris-LaBar

Pasadena Convention Center, Pasadena, CA – September 2015

Centre du Louvre, Paris, France – October 2015

Dubai Airshow Site, United Arab Emirates – November 2015

Love of the Delaware River Valley,
Sally D. Francisco Gallery,
Peters Valley School, Layton, NJ – September 2015

Wild Worlds of Wonder, Pocono Community Theater,
East Stroudsburg, PA – December 2015

3D Pioneers: Pushing the Boundaries, Erfurt, Germany – June 2016



Photos and Design by Jocelyn Kolb-DeWitt

JOCELYN KOLB-DEWITT

College of Arts and Sciences | Art + Design

SOLO EXHIBITIONS

Celebrating the Delaware Valley, Peter's Valley School of Craft,
Layton, NJ – September 2015

GROUP EXHIBITIONS

Live Design, Madelon Powers Gallery, East Stroudsburg, PA
January 2016



David Mazure's exhibit piece, *Three Horsemen of the Apocalypse*

DAVID MAZURE

College of Arts and Sciences | Art + Design

SOLO EXHIBITIONS

Permanent installation at Sanofi-Pasteur, Swiftwater, PA

GROUP EXHIBITIONS

Miniprint Kazanlak

Traveling print exhibition with three locations in Bulgaria:
Kazanlak, Stara Zagora and Sofia – June 1 – July 25, 2015

*New Mythologists: The Little Mermaid & The Three Horsemen
of the Apocalypse (and another)*

Allison Fine Arts Gallery, Tusculum College, Greenville, TN –
September 2 – October 5, 2015

Northeastern Biennial Twenty Fifteen

The Hope Horn Gallery, University of Scranton, Scranton, PA –
October 17 – November 12, 2015

*New Mythologists: The Four Horsemen of the Apocalypse
& The Little Mermaid*

Sordoni Art Gallery, Wilkes University, Wilkes-Barre, PA –
November 3 – December 15, 2015

The Figurative Show

Origins Gallery, Stroudsburg, PA, March 26 – April 16, 2016

The Earth Speaks 2

Artspace Gallery, Pocono Arts Council, Stroudsburg, PA –
April 1 – 23, 2016

Wide Open 7

Brooklyn Waterfront Artists Coalition, Brooklyn, NY –
May 7 – June 12, 2016

Viewpoints 2016

Aljira, A Center for Contemporary Art, Newark, NJ –
June 2 – 30, 2016

JONI OYE-BENINTENDE

College of Arts and Sciences | Art + Design

SOLO EXHIBITIONS

Joni Oye-Benintende – Recent Work, One Person Show,
Loomis Gallery, Mansfield Statue University –
October 1 – 31, 2015

GROUP EXHIBITIONS

The Earth Speaks, Artspace Gallery, Pocono Arts Council,
Stroudsburg, PA – July 2015

Pocono Arts Council Group Exhibition, Dunning Art Gallery,
Northampton Community College Gallery, Northampton, PA –
August 1 – September 1, 2015

YOSHINORI TANOKURA

College of Arts and Sciences | Theatre

SET DESIGN

Professor Tanokura designed the set for the critically acclaimed
off-Broadway production of the play “Clever Little Lies” starring
Marlo Thomas, which played to sold out audiences October 14,
2015 – January 24, 2016.



From left: Actors Kate Wetherhead, George Merrick, Marlo Thomas and Greg Mullavey
perform in *Clever Little Lies*

Published Books

by Members of the Academic Community

STEPHANIE DAVENTRY FRENCH

College of Arts and Sciences
Theatre

*Experiencing Stanislavsky Today:
Training and Rehearsal for the
Psychophysical Actor
(with Philip G. Bennett)*

Routledge

This pioneering introduction to Stanislavsky's methods and modes of actor training covers all of the essential elements of his system. Recreating "truthful" behavior in the artificial environment, awareness and observation, psychophysical work, given circumstances, visualization and imagination and active analysis are all introduced and explored.



SHANNON FRYSTAK

College of Arts and Sciences
History

*Louisiana Women: Their Lives
and Times, Volume II (Co-Editor
with Mary Farmer-Kaiser)*

University of Georgia Press

This volume highlights the significant historical contributions of some of Louisiana's most noteworthy and also overlooked women from the eighteenth century to the present. The book underscores the cultural, social and political distinctiveness of the state and showcases the actions and activities of women who greatly affected the history of Louisiana in profound and interesting ways.



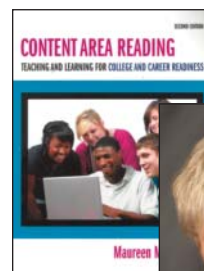
MAUREEN MCLAUGHLIN

College of Education | Reading

*Content Area Reading: Teaching and
Learning for College and Career Readiness
(2nd ed.)*

Pearson

A comprehensive resource for future and in-service middle school teachers, Content Area Reading, 2/e provides a unique, Common Core-based, student-centered approach using innovative features to help students make connections between what they read and how they apply it in the classroom; the book translates theory into practice through a wide range of innovative instructional approaches.



CAROLINE DIPIPI-HOY

College of Education
Special Education and
Rehabilitation

*Teaching Time Management Skills
to Individuals with Autism Spectrum
Disorder (with Daniel Steere)*

AAPC Publishing

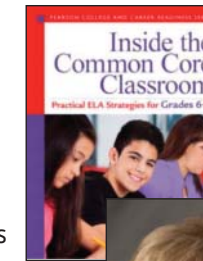
This publication presents ways to facilitate time-management skills for learners with autism spectrum disorder (ASD). The book encompasses individuals across the lifespan, as time management is a skill that can be developed throughout one's life. An individual with ASD may quickly learn time-telling skills; however, simply being able to tell time does not necessarily lead to time-management skills.



*Inside the Common Core Classroom:
Meeting the ELA Standards in
Grades 6-8*

Pearson

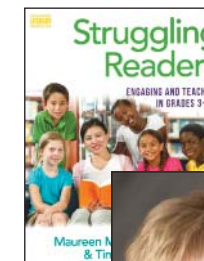
An indispensable guide for all who teach in grades six through eight as well as curriculum directors, reading specialists, literacy coaches and school administrators. "Inside the Common Core Classroom: Meeting the ELA standards in Grades 6-8" is the middle-grade volume of Pearson's definitive new series on the Common Core State Standards. It provides essential information about the Common Core initiative, insights into the standards, practical classroom strategies and vignettes from Common Core-aligned classrooms.



*Struggling Readers in Grades 3-8:
Teaching and Engaging
(with Timothy V. Rasinski)*

International Reading Association

Teaching struggling students to become active, engaged, and successful readers is the focus of this idea-filled, comprehensive teaching resource. In this volume, best-selling authors Maureen McLaughlin and Tim Rasinski explore the multifaceted nature of struggling readers, provide practical approaches to teaching, and detail the roles that motivation and engagement play in the process. The book features a strong research base, a sound theoretical framework and numerous practical ideas for teaching struggling readers.



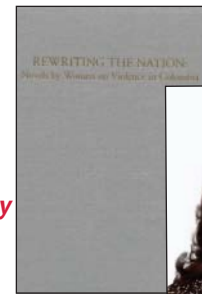
ANNIE MENDOZA

College of Arts and Sciences
Modern Languages

*Rewriting the Nation: Novels by
Women on Violence in Colom-
bia*

Tempe (Arizona): Asociación Internacional de
Literatura y Cultura Feminina Hispánica (AILCFH)

This book discusses the patriarchy and ideology of the novel. It is a space for feminist depictions of Colombia's violence in the 1960s; re-examines the Masacre de las Bananeras, and explores how Colombian female novelists "re-write" la violencia.



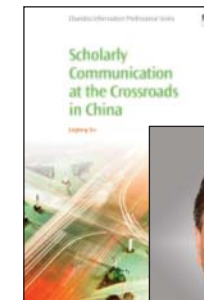
JINGFENG XIA

Dean of Library and University
Collections

*Scholarly Communication at the
Crossroads in China, 1st Edition*

Chandos Publishing

This book follows the dichotomy paradox and focuses on both achievements and challenges at every step of the scholarly communication process, highlighting Insights and trends in the academic infrastructure and scholarly behaviors within the context of local economic, political and technological development. Since China adopted an open-door policy in the late 1970s, it has experienced a dramatic economic transformation. With a growth rate of around 10% over the past three decades, China is now the second largest economy by nominal gross domestic product and by purchasing power parity in the world. Economic success has impelled restructurings in almost all aspects of social and cultural settings. Among other changes, new pursuits of education, research and scholarship have redefined the academic community with its development across generations and ideologies.



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