



## Report on the FY 2021 Faculty Professional Development Council Annual Grant Program Awardees

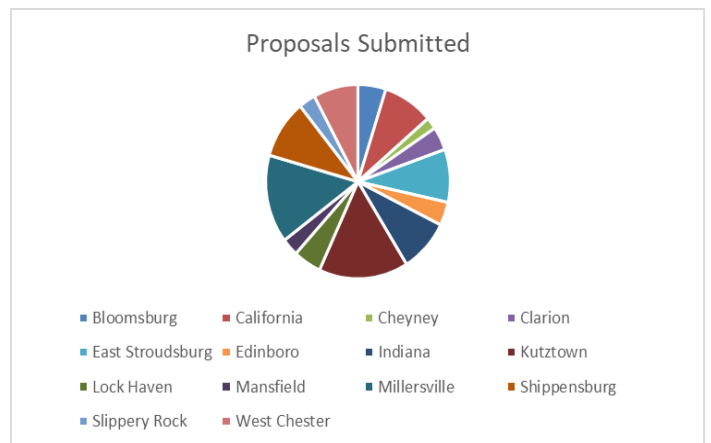
The State System of Higher Education Faculty Professional Development Council (FPDC) was established by Board of Governors' Policy 1985-06-A, "to encourage continuous attention to the professional growth and development of System faculty as teaching scholars." The Council has addressed a wide range of faculty interests, needs, and talents, and provides professional development opportunities for faculty at all levels and in all disciplines and professional fields. The Annual Grant Program is intended to provide professional growth opportunities for individual faculty incorporated with the strategic priorities provided by the Board of Governors.

### I. Proposals Submitted.

In April of 2021, the FPDC convened to review 102 proposals submitted from all 14 PASSHE institutions (Table 1).

**Table 1. FPDC 2021 Proposal Submission Distribution.**

INSITUION	Proposals Submitted
Bloomsburg	5
California	9
Cheyney	2
Clarion	4
East Stroudsburg	9
Edinboro	4
Indiana	9
Kutztown	16
Lock Haven	5
Mansfield	3
Millersville	15
Shippensburg	10
Slippery Rock	3
West Chester	8
<b>TOTAL</b>	<b>102</b>



Proposals were submitted to each of the Categories described in Table 2, below. The FPDC sub-councils evaluated proposals based on the following factors: (1) Project objectives and outcomes; (2) project significance and or contribution to the field; (3) Student outcomes; (4) Professional

development; (5) Research & Assessment Methodology/Creative Process or Public service; and (6) Budget.

**Table 2. Proposals Submitted by Category.**

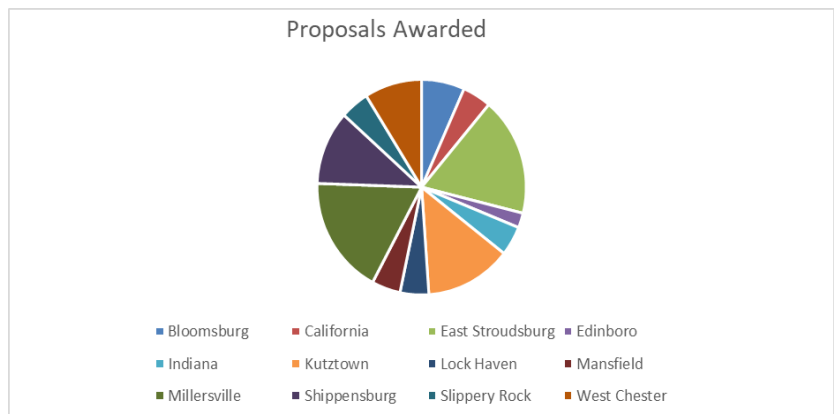
Category	Description	Number of Proposals Submitted
1-A	Joint Faculty-Student Research	33
1-B	Faculty Research	22
2	Joint Faculty-Student Public Service	5
3	Creative and Performing Arts	6
4	Innovation in Teaching and Improvement in Student Learning Outcomes	22
5	Individual Career Enhancement	14
<b>TOTAL</b>		<b>102</b>

**II. Proposals Awarded.**

Approximately 44% of the proposals, were recommended for funding across 12 of the 14 PASSHE institutions (Table 3). Because one faculty member was granted a sabbatical during the funding period, Edinboro University did not accept that award. Therefore 43% of the proposals submitted were conferred FPDC awards in FY2021 from 11 of the 14 PASSHE institutions,

**Table 3. FPDC 24019 Proposal Award Distribution.**

INSTITUTION	Proposals Awarded
Bloomsburg	3
California	2
East Stroudsburg	8
Edinboro	1
Indiana	2
Kutztown	6
Lock Haven	2
Mansfield	2
Millersville	8
Shippensburg	5
Slippery Rock	2
West Chester	4
<b>TOTAL</b>	<b>45</b>



The research and creative awards, totaling \$300,000, will support a wide range of topics that reflect the depth of faculty expertise in the PASSHE system. Letters of Understanding were executed between PASSHE and the institutions of the Project Directors for each of the projects listed below.

**Table 4. Proposals Awarded, FY 2021.**

<b>INSTITUTION</b>	<b>Faculty Member</b>	<b>Project Title</b>	<b>Award Amount</b>
Shippensburg	Ahmed, Rashed	Artificial Intelligence and Machine Learning Training in High Energy Physics	\$ 3,500.00
Millersville	Allen, Kathryn	Thiophene-Pyrene Covalent Organic Frameworks for Removal of Organic Pollutants	\$ 8,000.00
Lock Haven	Ardary, Darlene	Implementation of Telehealth for Undergraduate Nursing Education	\$ 7,988.00
Mansfield	Bosworth, Jeffrey	Elites and Political Culture in Belize	\$ 5,785.00
Bloomsburg	Bourgault, Rebecca	Development of an applied, experiential learning curriculum to train future soil scientists at Bloomsburg University	\$ 7,439.00
West Chester	Breit, Kristen	Pharmacokinetic and Dose-Response Effects Following Prenatal Alcohol and Nicotine E-Cigarette Exposure in Rats	\$ 8,000.00
Shippensburg	Chattopadhyay, Dhiman	Does inclusivity build trust? Examining effects of inclusive, community-centered journalism on trust in media among minority groups	\$ 7,992.00
Shippensburg	Chovanes, Jacquelyn	Summer Academic Skills Clinic for Students with or at Risk of Mild Disabilities	\$ 8,000.00
California	Davis, Greg	Curricular Enhancements to Media Production Courses	\$ 1,500.00
Lock Haven	Deitloff, Jennifer	Growth and Development of Salamanders Exposed to Silver Nanoparticles	\$ 7,972.00
East Stroudsburg	Dong, Xue	Incorporating Generative Design in Art and Design Education	\$ 6,419.00
East Stroudsburg	Dubbs, Christopher	Development of Demos-Integrated Mathematics Content Courses for pre-K through Grade 8 Education Majors	\$ 8,000.00
Slippery Rock	Eaton-Stull, Yvonne	Responding to Crises and Disasters	\$ 5,366.00
Mansfield	Farkas, Elaine	Quantifying Micro- and Nano-plastic Particles and Their Effects on Organism Health	\$ 8,000.00
Shippensburg	Feeney, Alison	Curricular Development and Online Training Modules for the Brewing Industry	\$ 6,802.00
Millersville	Frank, Jennifer	Stepping Stones Pen Pal Project: Cultivating Human Connection to Address Social Isolation	\$ 8,000.00
East Stroudsburg	Fuanta, Rene	Investigating marine-derived chemical agents and their effects on tuberculosis shikimate kinase	\$ 7,519.00
West Chester	Guerrero, Angela	Disability and Accommodation in Music Therapy Education	\$ 8,000.00
Millersville	Haines, Aaron	Quantifying Invasive Species Impacts on Imperiled Taxa in the United States	\$ 3,865.00
Bloomsburg	Hales, Steven	Visiting Professorship at Cambridge	\$ 3,891.00
Kutztown	Heineman, Richard	A CURE for Bio 104: Identifying antibiotics in soil samples around Kutztown	\$ 7,995.00
East Stroudsburg	Jeong, Mihye	Physical Activity Participation of Children with Disabilities: Parental Support	\$ 4,160.00
<b>Edinboro</b>	<b>Jiang, Jingze</b>	<b>Award Not Accepted</b>	<b>\$ 7,982.00</b>
East Stroudsburg	Jones-Wilson, T. Michelle	PDA Advising - Faculty Education and Training	\$ 6,335.00
Indiana	Kemp, Richard	Teaching Empathetic Communication Through Theatre manuscript	\$ 6,495.00
West Chester	Kirschenbaum, Lisa	Jif and Petrov's American Road Trip: Soviet Adventures in the Land of the Capitalists	\$ 5,451.00
Millersville	Klosinska, Maja	A genetic test for serpentine-specific natural selection in the lyre-leaf rockcress, <i>A. Lyrata</i> .	\$ 8,000.00
Millersville	Kumar, Ajoy	Is the Eastern Shore Trending Towards a Low Oxygen Regime?	\$ 8,000.00
East Stroudsburg	Lee, Minkyoo	Flow and Emotional Experiences of Mediated Sports through 4D Technology	\$ 8,000.00
Millersville	Lehman, Heather	Investigation of the effects of vaping on the esophagus	\$ 7,960.00
Millersville	Ligocki, Isaac	The role of social behavior and experience in responding to natural and human-induced environmental pressures in the eastern mosquitofish, <i>Gambusia holbrooki</i>	\$ 8,000.00
Indiana	Long, Valerie	Development of Computer Programming Abilities to Implement Cutting-Edge Interactive Mathematics Assignments to Enhance Student Learning	\$ 8,000.00
Bloomsburg	Miller, David	NEW PLAY DEVELOPMENT PROJECT ("PLAYS IN BLOOM")	\$ 6,618.00
Kutztown	Newlander, Khori	Reconstructing Prehistoric Lifeways and Cultural Adaptations at the KU Site	\$ 7,776.00
Slippery Rock	Nicholls, Jeananne	Drivers of Participation: CoB Clubs and Organizations during a Pandemic	\$ 2,392.50
Kutztown	Noel, Margaret	Drawing and Painting the Reconstruction of Infrastructure	\$ 5,485.00
Millersville	Ramos, Laura	Waiting for the Right Moment to Attack: Bacterial Blotch Disease of Mushrooms at the Grocery Store	\$ 8,000.00
California	Schaffner, Kristen	Better Behavior Management: Supporting Skills Development for Pre-Service Teachers & School Psychologists	\$ 5,985.00
Kutztown	Simpson, Edward	Implications of lake system of Early Cretaceous Cedar Mountain Formation, east-central Utah, USA	\$ 7,982.00
Kutztown	Svistova, Juliana	Gaps in Mental Health Policy Filled by Faith Leaders: Identifying the Gaps and Understanding the Faith Leaders' Experiences	\$ 8,000.00
West Chester	Swartz, Barbara	Investigating the Impact of Research-Based Pedagogies on Teacher Candidates' Mathematical Content Knowledge for Teaching	\$ 8,000.00
Kutztown	Vogel, Andrew	Irish Gaelic Study to Support Contemporary Poetry Research and Kutztown Faculty-led Study Abroad in Ireland	\$ 7,730.00
East Stroudsburg	Yousof, Ahmed	Game-Based Virtual Reality: New York Film Academy Course	\$ 7,112.00
East Stroudsburg	Zhang, Xuemao	Boosting Students' Programming Interest Using an R Shiny Web App in General Education Statistics Courses	\$ 6,495.00
Shippensburg	Zume, Joseph	Isolating the Interacting Effects of Saltwater Intrusion and On-site Sanitation Facilities on Coastal Groundwater Quality in Cape Coast, Ghana	\$ 7,990.00
<b>TOTAL</b>			<b>\$ 300,000.00</b>