



Report on the FY 2022 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.

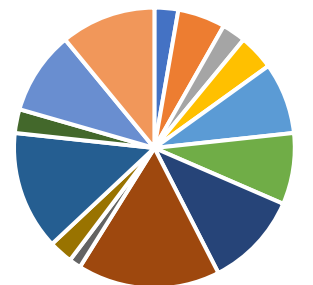
I. Proposals Submitted.

In April of 2022, the FPDC convened to review 68 proposals submitted from all 14 PASSHE institutions (Table 1). Originally, 73 proposals were submitted, but 5 were returned without review by the FPDC Executive Committee.

Table 1. FPDC 2022 Proposal Submission Distribution.

INSTITUTION	Number of Proposals Submitted
Bloomsburg	2
California	4
Cheyney	2
Clarion	3
East Stroudsburg	6
Edinboro	6
Indiana	8
Kutztown	12
Lockhaven	1
Mansfield	2
Millersville	10
Shippensburg	2
Slippery Rock	7
West Chester	8
TOTAL	73

FPDC FY 2022 Proposal Submission Distribution



Proposals were submitted to each of the Categories described in Table 2, below.

Table 2. Proposals Submitted by Category.

Category	Description	Number of Proposals Submitted
1-A	Joint Faculty-Student Research	30
1-B	Faculty Research	20
2	Joint Faculty-Student Public Service	2
3	Creative and Performing Arts	4
4	Innovation in Teaching and Improvement in Student Learning Outcomes	14
5	Individual Career Enhancement	3
TOTAL		73

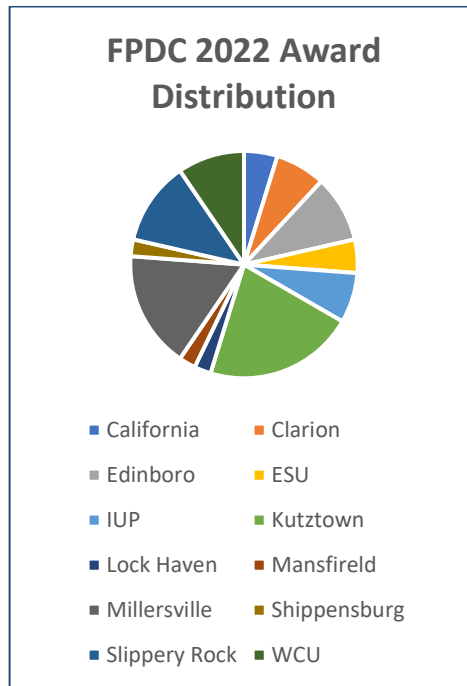
FPDC sub-councils evaluated the 68 eligible proposals based on the following factors: (1) Project objectives and outcomes; (2) project significance and or contribution to the field; (3) Student outcomes; (4) Professional development; (5) Research & Assessment Methodology/Creative Process or Public service; and (6) Budget.

II. Proposals Awarded.

56% of the proposals, were recommended for funding across 12 of the 14 PASSHE institutions (Table 3).

Table 3. FPDC 2022 Proposal Award Distribution.

INSTITUTION	Number of Proposals Awarded
California	2
Clarion	3
Edinboro	4
ESU	2
IUP	3
Kutztown	9
Lock Haven	1
Mansfield	1
Millersville	6
Shippensburg	1
Slippery Rock	5
WCU	4
TOTAL	41



The research and creative awards, totaling \$300,404, 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 2022.

Institution	Applicant	Project Title	Award
California	Dusi, Jodi	Enhancing PTA Education with Blended Learning	7250
California	Valkanas, Michelle	Identification of Bioindicators in Abandoned Mine Drainage to Inform Passive Remediation System Efficiency	7992
Clarion	Lingwall, Andrew	Analyzing the Messaging behind the New Zealand Government's Crisis Communications during the 2020 COVID-19 Outbreak	8000
Clarion	Patterson, Rich	Interprofessional education (IPE) student research symposium	2404
Clarion	Singh, Nripendra	Transformative Learning via Transnational Student Projects: Applying a Students-as-Partners Approach to Develop Hybrid High-Impact Pedagogy	7750
Edinboro	Aramesh, Kiarash	Knowledge, Attitude, and Use of Complementary and Integrative Medicine among Health- Major Students	6900
Edinboro	Hawley, Wayne	The Role of Testosterone in Reinstating Sexual Reward	7360
Edinboro	McLaughlin, Peter	Is Moral Decision-Making Impacted by Ingroup or Outgroup Presentation?	4812
Edinboro	Webber, Kristin	The Edinboro University Mobile Reading Center	7032
ESU	Hotz, Jeffrey	The Fireside Poets' Late-Career Masterpieces: A Study of An Era's End	6028
ESU	Lenhart, Clare	Healthy Eating and Reducing Tobacco for food pantry clients	7992
IUP	Derry , Sean	Local X Change	8000
IUP	Majumdar , Sudipta	Understanding antimicrobial resistance in our community: actions to stop the next pandemic before it happens	8000
IUP	Nice, Matthew	Remembering the Forgotten Half: Understanding How College Attendance, Individuation from Parents, and Critical Life Events Influence Emerging Adult Development	7540
Kutztown	Achey, Darren	Embedding and Evaluating Coordination Complexes Embedded in Metal Organic Frameworks (MOF's)	7981
Kutztown	Conway, Moira	Trucking Through Berks County: Examining the Spatial Impacts of E-Commerce	7802
Kutztown	Covello, Michael	Developing and Producing Fine-Art Animations about Ecology and the Anthropocene	8000
Kutztown	Das, Kunal	Nonlinear and Non-Equilibrium Dynamics with Ultracold Atoms in Ring Lattices	8000
Kutztown	DeSiano, Rose	Public Artwork: The Unsung Peoples of Lewes	7953
Kutztown	El Mounadi, Kauotar	A treatment quest for White Nose Syndrome disease of bats: Identifying genes involved in the virulence of <i>Pseudogymnoascus destructans</i> and testing plant defensins as antifungal agents	8000
Kutztown	Habeck, Chris	The feeding behavior and functional importance of the endangered Yucatan black howler	8000
Kutztown	Lu, Yun	An Effective Methodology to Solve Hard Combinatorial Optimization Problems	8000

Kutztown	Stone, Matthew	Acoustic triangulation as a means to monitor a cryptic endangered primate, the Yucatán black howler monkey (<i>Alouatta pigra</i>) in Belize	7951
Lock Haven	Tzolov, Marian	Efficient organic solar cells with modified interfacial layers	5328
Mansfield	Klesh, Jamie	Certificate in Simulation	4175
Millersville	Cebra-Thomas, Judy	The control of neural crest cell differentiation in the turtle	7940
Millersville	Fellmeth, Jessica	A few good eggs: Engaging students in authentic research to investigate chromosome segregation	5223
Millersville	Hower, Aileen	Supporting Authentic Student Learning While Serving Students of Need in a Post-Pandemic Educational Environment	7990
Millersville	Pfannensteil, Amber	Advancing Graduate Pedagogy: Teaching, learning, program development for PASSHE	8000
Millersville	Primus, Nakeiha	oving MU Teacher Candidate Instruction & Success via the "Freedom Schools" Way	6650
Millersville	Boyle, Susannah,	Using Mixed Reality Simulations to Prepare Pre-Service Special Education Teachers	7994
Shippensburg	Barrick, Andrea	The Gender Factor in the Litigation of Protection Order Cases at the Intermediate Appellate Courts	7990
Slippery Rock	Charles, Franklyn	The Exploration of Practices that Lead to the Quality of Life and Extended Lifespan of Centenarians in Dominica	7684
Slippery Rock	Falso, Miranda	Examining the Effects of Environmental Levels of Imidacloprid on Global Transportation in Human Cells to Elucidate the Causes of Negative Physiological Changes Following Exposure	7968
Slippery Rock	Holmstrup, Michael	The Effect of Aerobic Exercise Training on the Inter-Arm Difference in Blood Pressure in Individuals with Hypertension	8000
Slippery Rock	Kazemi, Mohammad	A Surrogate Model for CO2 Sequestration Using Fourier Neural Operator	7423
Slippery Rock	Smith, Tim	Radiological Identification of Cartilage Using a Deer Model	7734
WCU	Chambers, Benjamin	Investigating how influenza A virus inhibits DNA repair and promotes cell death	8000
WCU	Davidson, Patricia	Educational Practices that Support Student Learning, Engagement, and Training in "Culinary Medicine"	7978
WCU	Lee, Ha Young	Public Exhibit: "Women on Record: Vanguard in the Music Industry"	7590
WCU	Lightner, Sarah	A Study of the Impact of a Community Engagement Experience in Foundational Reading Courses for Initial Teacher Preparation	7990
TOTAL			300404