



# Summer INSTITUTES

2023



## Teaching Across the Curriculum Using Problem-Based Learning

In a standardized system of education, it may seem difficult to engage students in meaningful learning. Problem-based learning (PBL) is one strategy that teachers can use to meet both the standards and the goals of an educator.

**Help your students  
develop skills for  
living in a knowledge-  
based, highly  
technological society.**

July 10 - 14, 2023

8:00 - 4:30

Luek Hall | Multi-Purpose Room 100

### REGISTRATION:

Course: **AENG 586** CRN: **3491**

Term: **Summer 3, 2023**

#### FEATURED GUEST SPEAKERS:

**Karen Rubenstein**, Head of School, Montessori Academy of Lancaster

**Dr. P. John Williams**, Professor, Director of Graduate Research, Curtin University, Perth, Australia

**Garreth Heidt**, Teacher, Perkiomen Valley School District, Collegetown, PA

**Dr. Erik Orndorff**, Superintendent, Pequea Valley School District

*All types of teachers can learn how to put PBL to use as an important teaching strategy!*

#### Institute Co-Directors:

**Dr. Scott Warner**, Millersville Univ.

**Dr. Molly Miller**, Penn Manor HS



Millersville University

COLLEGE OF GRADUATE STUDIES  
& ADULT LEARNING



Scan QR code  
or visit us here:

[millersville.edu/summerinstitutes](https://millersville.edu/summerinstitutes)

## Teaching Across the Curriculum Using Problem-Based Learning

This course focuses on how problem-based learning experiences appropriate for your content and grade level can be incorporated into your curriculum.

For many of today's students the didactic approach is not enough. Increasingly, they need to see meaning and value in what they are learning. The "just in case" philosophy of education that served public education well in the 20th century is being replaced by the "just in time" approach of PBL.

*This course may be counted as an elective in several M.Ed. programs including Master of Science in Technology & Innovation; students should check with their graduate program advisor to see how this institute will apply to degree requirements.*

### Instructional Team

**Scott A. Warner, Ed.D., IDSA** Professor, AEST Graduate Program Coordinator, Millersville University. *Scott has taught at the middle school, high school, and university levels. He is a member of several organizations that deal with education and design including the International Technology and Engineering Educators Association and the Industrial Designers Society of America.*

**Molly S. Miller, Ed.D.** Technology & Engineering Educator, Penn Manor High School. *Molly speaks nationally on technology and engineering teaching and learning. Molly is involved in a number of student organizations including state leadership of the Pennsylvania Technology Student Association.*

### Guest Speakers

**Karen Rubenstein: What Does Gold-Standard PBL Look Like?**

**Dr. P. John Williams: Designing a PBL Experience**

**Garreth Heidt: Managing a PBL Experience**

**Dr. Erik Orndorff: Leading a PBL Implementation Effort**

Additional biographical information and course syllabus available at [millersville.edu/summerinstitutes](http://millersville.edu/summerinstitutes)

Summer Institutes are 3 credit graduate classes, offered in an intensive one week-long format, which can be applied to a master's degree in an appropriate graduate program at Millersville University. Institutes offer 90 hours of Act 48 credit.



Scan QR code  
or visit us here:  
[millersville.edu/summerinstitutes](http://millersville.edu/summerinstitutes)