

**VITAL INSTRUCTIONAL MINIGRANT AWARDEES – AY 2023-2024**

AWARDEE NAME(S) / DEPARTMENT(S) / COLLEGE	GRANT TITLE
Nathan Coates <i>Management, VSB</i>	Automation of the Paid Search Data Mining Business Simulation
Amber Haley <i>Education &amp; Counseling, CLAS</i>	Redesigning the Foundations of College Counseling Course: A Unique and Necessary Course for Counselors
Jacky Huang <i>Chemical &amp; Biological Engineering, COE</i>	Integrate the Emerging AI Techniques in the Course Chemical Process Control
Jaisy Joseph <i>Theology &amp; Religious Studies, CLAS</i>	Strengthening Ministerial Competencies for a Synodal Church
Michelle Kelly <i>M. Louise Fitzpatrick College of Nursing</i>	Revision of the Nursing PhD Statistics Course Sequence
Meredith MacKenzie-Greenle, Patricia Bradley, Gail Furman <i>M. Louise Fitzpatrick College of Nursing</i>	A Thousand Paper Cuts: Using Video Vignettes to Improve Recognition and Response to Microaggressions Among Undergraduate Nursing Students
Dron Mandhana <i>Communication, CLAS</i>	Integrating Artificial Intelligence (AI) in Communication Research and Writing
Colleen Mitchell <i>Augustine in Culture Seminar Program, CLAS</i>	Augustine and Women Faculty Workshop
Peter Muller and Kaitlyn Muller <i>Mathematics &amp; Statistics, CLAS</i>	Reviving and Redesigning MAT 4410: Mathematical Modeling
Sergey Nersesov <i>Mechanical Engineering, COE</i>	Integration of a Hands-On Project into ME 5206 Aircraft Design
Lauri Olivier <i>Engineering Entrepreneurship, COE</i>	Development of a New Graduate Course: Research Driven Innovation with NSF I-Corps
Peter Palenchar and Michael Heinrich <i>Chemistry, CLAS</i>	Integrating the Use of Spreadsheets into the General Chemistry Laboratory Courses
Christina Percoco and Larisa Colon-Rodriguez <i>Spanish, CLAS</i>	Redesigning SPA1122 as a Content-Based Course

<p>Rebecca Rivard <i>Biology, CLAS</i></p>	<p>Use of Educational Escape Games to Improve Student Critical Thinking and Engagement with Technical Content</p>
<p>Jennifer Santoro <i>Geography &amp; the Environment, CLAS</i></p>	<p>Data Sleuthing in Geospatial Education: Intentionally Integrating Project Organization and File Management into the Introductory Curriculum</p>
<p>Javad Siah <i>Physics, CLAS</i></p>	<p>Enhancing Two Introductory Physics Laboratory Courses</p>
<p>David Jamison, Stephanie Walkup, and Liesl Klein <i>Civil &amp; Environmental Engineering, Electrical and Computer Engineering, COE</i></p>	<p>Redevelopment of First-Year Engineering Design Course: Integration of Project-Based Learning and Social Justice Instruction</p>
<p>Christina Whitehouse and Guy Weissinger <i>M. Louise Fitzpatrick College of Nursing</i></p>	<p>Global Health Nutrition: Leveraging Food as Medicine</p>

Updated by VITAL, Villanova University, June 4, 2024