From the Editor's Desk

Dear Reader,

This is the October 2025 issue of e-Achieve, the e-Newsletter highlighting faculty <u>research and creative work</u> at RMU. In this issue we present research and creative work accomplishments submitted by our faculty members for the period <u>May 26, 2025 to October 15, 2025</u>. This newsletter does not list grant awards. For additional details, please contact faculty members directly. We are hopeful this newsletter will open avenues for dialogs and research collaborations.

Your feedback is important to us. Please provide us comments and suggestions for improvement. The next issue will be published in <u>February 2026</u>.

Please join R&GA in Congratulating all of our outstanding scholars!

e-ACHIEVE Highlights

- **6** journal papers involving **14** RMU researchers
- **10** research/creative work presentations
- **4** authors of a book or book chapter
- Research collaborations with **5** other universities/organizations
- **3** research/creative work awards
- **4** research/creative work recognitions

Publications

Research Published or Accepted for Publication in a Journal

Jen Tepe (Education, School of Education and Social Sciences)**, Patricia Kardambikis** (Education, School of Education and Social Sciences)**, Susan Parker** (Education, School of Education and Social Sciences), Shellie Grooms (*Doctoral Student*, School of Education and Social Sciences), and Caylin Charrie (*Doctoral Student*, School of Education and Social Sciences), had research published in the Pennsylvania Teacher Educator titled *"The Power of Preparation and Leadership: Strengthening Teachers Self-Efficacy in Schools"*.

Karen Paullet (Computer and Information Systems, School of Data Intelligence and Technology), **Jamie Pinchot** (Computer and Information Systems, School of Data Intelligence and Technology), **Evan Kinney** (*Doctoral Student,* School of Data Intelligence and Technology), and **Tyler Stewart** (*Doctoral Student,* School of Data Intelligence and Technology) had research published in the Issues in Information Systems titled *"Precision check: A critical look at the reliability of AI detection tools"*.

Natalya Bromall (Computer and Information Systems, School of Data Intelligence and Technology), **Peter Drauss** (Computer and Information Systems, School of Data Intelligence and Technology), **Sushma Mishra** (Computer and Information Systems, School of Data Intelligence and Technology), Kevin Slonkas (St. Francis University), and **Judit Trunkos** (Social Sciences, School of Education and Social Sciences) had research published in the Issues in Information Systems titled *"Cybersecurity awareness among post-secondary students"*.

Patty Kardambikis (Education, School of Education and Social Sciences) and **Nicole Szalla** (RISE Center) had research published in the Pennsylvania Educational Leadership Journal (PEL) titled *"The Impact of Simulation Activities in Principal Preparation Program"*.

Ping Wang (Computer and Information Systems, School of Data Intelligence and Technology), Jing Hua (La Roche University), and **Noory Etezady** (Computer and Information Systems, School of Data Intelligence and Technology), had research published in the Issues in Information Systems titled *"A comprehensive case-based simulation approach to designing a graduate cybersecurity capstone project"*.

Sang Hyun Kim (Korea Aerospace University), Feng Qiu (Argonne National Laboratory), and **Sango Ho Shim** (Engineering, School of Engineering and Science) had research published in Optimization and Engineering Journal (Springer) titled *"Capacitated p-hub approach for park-and-ride facility location problem under nested logit demand function: polyhedral approaches"*.

Conference Presentations - Research/Creative Work

Benjamin Campbell (Engineering, School of Engineering and Science) presented a paper titled *"Development and Implementation of a Project-Based Framework for Introduction to Engineering"* at the 2025 American Society for Engineering Education (ASEE) Annual Conference & Exposition, Montreal, Quebec, Canada, June 2025.

Judit Trunkos presented a paper titled *"Can Celebrity Athletes Use Soft Power on Social Media? Examining the Soft Power Use of Soccer Players Ronaldo, Beckham and Lewandowski on Facebook"* at the American Political Science Association (APSA) Annual Conference, Vancouver, BC, September 11-14, 2025.

Judit Trunkos, Albena Ivanova, and **Marcel Minutolo** presented a paper titled *"Ukraine Uses Soft Power to Boost its Donations to Fund its War against Russia"* at the American Political Science Association (APSA) Annual Conference, Vancouver, BC, September 11-14, 2025.

Luis Monterrubio (Engineering, School of Engineering and Science) presented a paper titled *"Design, Manufacturing, Finite Element Analyses and Correlation with Experimental Work of Carbon Fiber – Epoxy Structures"* at the 2025 American Society for Engineering Education (ASEE) Annual Conference & Exposition , Montreal, Quebec, Canada, June 2025.

Noory Etezady (Computer and Information Systems, School of Data Intelligence and Technology) and **Ping Wang** (Computer and Information Systems, School of Data Intelligence and Technology) presented a paper titled *"A privacy model for IoT for homes (smart homes)"* at the International Association for Computer Information Systems (IACIS) Conference, Clearwater, FL. October 1 -4, 2025

Patty Kardambikis (Education, School of Education and Social Sciences) presented a paper titled *"Enhancing Global Leadership in Education and Graphic Arts"* at the 9th Annual International Symposium on Higher Education in a Global World, Athens, Greece, July 7-10, 2025.

Sylvia Pamboukian presented "Reading Kipling as Crime Fiction" at the Captivating Criminality - Convention of the International Crime Fiction Association, Melbourne, Australia, June 25-27, 2025.

Yun Chu (Marketing, Rockwell School of Business) and **Jianyu Ma** (Finance, Rockwell School of Business) presented a paper titled "AI-Personalized Education: Progress, Challenges, and the Role of Educators" at the 2025 International Conference on Artificial Intelligence and Education, held at Xi'an Jiaotong-Liverpool University, Suzhou, China, May 14 – 16, 2025.

Yun Chu (Marketing, Rockwell School of Business) and **Jianyu Ma** (Finance, Rockwell School of Business) presented a paper titled *"Gender Disparities in Comments to Ozempic on TikTok"* at the 26th International Conference on Electronic Commerce, held at Nankai University, Tianjin, China, June 6 – 8, 2025.

Zhou Yang (Social Sciences, School of Education and Social Sciences) presented a paper titled "Land Value Taxation and Urban Sprawl" at the Western Economic Association International Annual Conference, San Francisco, June 20-24, 202.5

Awards

Research/Creative Work Award

Barbara Burgess-Lefebvre (English and Media Arts, School of Communication and Media) was awarded the *"2025 Audience Favorite Award"* at the Pittsburgh New Works Festival for directing the production "Weigh Beyond" for Stray Cat Theatre. The festival had 15 world premiere productions.

Jamie Pinchot (Computer and Information Systems, School of Data Intelligence and Technology) was awarded the *"Ben Bauman Award for Excellence"* at the International Association for Computer and Information Systems (IACIS). The award honors faculty members who have demonstrated significant contributions and dedication to the field of information systems.

Parul Yadav (Computer and Information Systems, School of Data Intelligence and Technology), was awarded the "Woman in Research Excellence - Global Woman of Science Elevate X Award" at the International Conference on Artificial Intelligence and Networking (ICAIN 2025), Dubai, UAE. The award celebrates women's achievements in research, focusing on merit-based evaluation of innovation, impact, and leadership, especially in AI and related fields.

Authorships

Author or Co-Author of a Book or a Book Chapter

Carl Ross (Nursing, School of Health Professions), Rebecca Matulle (*Doctoral Student*, School of Health Professions), and Daniel Medved (*Student*, BSN) wrote a book chapter *"Vulnerability of Rural Ecuadorian People: A Model of Service Learning"* in the book "Caring for the Vulnerable: Perspectives in Nursing Theory, Practice, and Research" - 6th Edition, published by Jones & Bartlett Learning.

Chloe Mills (Elaine Boyd Library) wrote a book chapter titled *"Toxic cultures in higher education: Faculty unionization and librarian perspectives"*, in the book "Toxic Dynamics: Disrupting, Dismantling, and Transforming Academic Library Culture" published by Association of College and Research Libraries.

Patty Kardambikis (Education, School of Education and Social Sciences) wrote a book chapter *"Creating a Well Future"* in the book K -12 School Wellness Education published by Human Kinetics.

Roci Pérez (*Founder*, Mind Shift Experience) and **David Wheeler** (Psychology and Health Sciences, School of Health Professions) wrote a book titled *"Identity Alchemy: Turning Pain Into Gold"*, Victor Publishing, LLC.

Editorships

Editor or Co-Editor of a Journal

No editorships in this edition.

Recognitions

Recognition of Research/Creative Work

Chloe Mills (Eliane Boyd Library) was invited to participate in a podcast on her research titled *"Toxic cultures in higher education: Faculty unionization and librarian perspectives"* hosted by Podcast: Michalak, R., & Dawes, T.A. on Inclusive Knowledge Solutions.

Christine Holtz (English and Media Arts, School of Communication and Media), was invited by Phipps Conservatory and Botanical Gardens to lead a hands-on cyanotype workshop as part of their adult education programming. Cyanotype is a historical photographic process that uses sunlight to create deep blueprints, often incorporating natural materials like leaves and flowers.

Christine Holtz's (English and Media Arts, School of Communication and Media) series "*Nature follows Industry*" was selected for inclusion in the exhibition; "Brooklyn x Pittsburgh: Industry of Art." at Brooklyn Waterfront Artists Coalition, Brooklyn, NY. July 19 - August 24, 2025. Juror -Eric Shiner.

Vicki Donne (Education, School of Education and Social Sciences) was an invited speaker along with Dr. Ruth Auld (Depaul School for Hearing & Speech) and Dr. Natalie Rugg (La Roche University), at the Advancing Education Together Summit where she spoke on the topic *"Creating a Certified Teacher Register Apprenticeship (CTRA) Program"*.

Workshops

Workshops Delivered

No workshops in this edition.

Next Issue
February 2026
Please submit your
accomplishments by February 15, 2026!