From the Editor's Desk

Dear Reader,

This is the October 2024 issue of e-Achieve, the e-Newsletter highlighting faculty research and creative work at RMU. In this issue we present research and creative work accomplishments submitted by our faculty members for the period May 16, 2024—October 15, 2024. 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.

This issue of e-Achieve introduces a new section highlighting participation in professional research workshops.

Your feedback is important to us. Please provide us comments and suggestions for improvement. The next issue will be published in February 2025.

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

e-ACHIEVE Highlights

- **18** journal papers involving **25** RMU researchers
- **8** research/creative work presentations
- **1** awards for research/creative works
- **4** authors of a book or book chapter
- Research collaborations with **13** other universities/organizations
- research collaborations with **1** international university/researcher or creative work presented in an event abroad
- **6** research/creative work recognitions
- **3** research/creative work workshops

Publications

Research Published or Accepted for Publication in a Journal

Albena Ivanova (Management, Rockwell School of Business) and **Petros Malakyan** (Communication and Organizational Leadership, School of Communication and Media) had research accepted for publication in the Strategy & Leadership journal titled "Linking Leadership and Followership Styles".

Chen Yang (Communication and Organizational Leadership, School of Communication and Media) had research accepted for publication in the Pennsylvania Communication Association (PCA) Annual titled "A Study of TikTok's Country Image and Brand Trust After the 2020 Attempted TikTok Ban".

Chris Groendyke (Mathematics, School of Data Intelligence and Technology) had research accepted for publication in the Journal of Actuarial Research titled "On the Automated Generation of Life Contingencies Problems and Solutions".

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** (Computer and Information Systems, School of Data Intelligence and Technology), and **Tyler Stewart** (Computer and Information Systems, School of Data Intelligence and Technology) had research accepted for publication in the journal Issues in Information Systems titled "Can GPTZero detect if students are using artificial intelligence to create assignments?"

Natalya Bromall (Computer and Information Systems, School of Data Intelligence and Technology), **Steve Mancini** (Computer and Information Systems, School of Data Intelligence and Technology), **Jamie Pinchot** (Computer and Information Systems, School of Data Intelligence and Technology), **Peter Draus** (Computer and Information Systems, School of Data Intelligence and Technology), and **Sushma Mishra** (Computer and Information Systems, School of Data Intelligence and Technology) had research accepted for publication in the journal Issues in Information Systems titled "Racing to build your AI skills: Programming RL models with AWS DeepRacer".

Noory Etezady (Computer and Information Systems, School of Data Intelligence and Technology), Lakshman Mahadevan (Florida Gulf Coast University), and Xihui Zhang (University of North Alabama) had research accepted for publication in the Journal of Computer Information Systems (JCIS) titled "Navigating the fast lane: A qualitative exploration of student perspectives on accelerated versus regular course types".

Noory Etezady (Computer Information Systems, School of Data Intelligence and Technology) and **Sushma Mishra** (Computer and Information Systems, School of Data Intelligence and Technology) had research accepted for publication in the Journal of Computer Information Systems (JCIS) titled "Embedding AI competencies in a cyber security graduate program: Identifying existing gaps".

Ping Wang (Computer Information Systems, School of Data Intelligence and Technology) and **Christopher Johnson** (Computer and Information Systems, School of Data Intelligence and Technology) had research accepted for publication in the journal Issues in Information Systems titled "The impacts of generative artificial intelligence (AI) in knowledge discovery and generation for cyber defense".

Qian Zhao (Math, School of Data Intelligence and Technology) and Chudamani Poudyal (University of Wisconsin-Milwaukee) had research accepted for publication in the European Actuarial Journal titled "Credibility theory based on winsorizing".

Qin Yang (Management, Rockwell School of Business), Yang Yang (Rowan University), and Jiang Crystal (Bryant University) had research accepted for publication in the International Journal of Cross Cultural Management titled "How cultural intelligence facilitates employee creativity: The roles of intercultural citizenship behavior and perceived disharmony".

Samantha Gibson (Marketing, Rockwell School of Business), **Gabriel Moreno** (Marketing, Rockwell School of Business), Maxwell Hsu (University of Wisconsin-Whitewater), and Andrew Dahl (University of Wisconsin-Whitewater) had research accepted for publication in The International Review of Retail, Distribution and Consumer Research titled "Understanding the complexities of omnichannel retailing through a service-dominant logic framework: exploring the role of digitalization in the retail ecosystem".

Sangho Shim (Engineering, School of Engineering and Science), Sang Hyun Kim (Korea Aerospace University), Byeong Tak Park (Korea Aerospace University), Munhyun Chae (Korea Aerospace University), and Huiyang Kim (Korea Aerospace University) had research accepted for publication in the International Journal of Aeronautical and Space Sciences titled "Optimal Vertiport Locations for Air Taxi Services in Seoul Metropolitan Area".

Susan Hellier (Nursing, School of Health Professions) had research accepted for publication in The Nurse Practitioner journal titled "The changing landscape of emergency contraception".

Susan Hellier (Nursing, School of Health Professions), Brianna Guhl (Allegheny Health Network), and Michael Lewen (Allegheny Health Network) had research accepted for publication in the Advanced Emergency Nursing Journal titled "Paracentral acute middle maculopathy in a pregnant woman on supplemental hormones for invitro-fertilization".

Tim Schlak (Elaine Boyd Library) and Alexis Smith Macklin (Carlow University) had research accepted for publication in the Commonplace journal titled "Pivoting to an open & engaged model for smaller academic libraries before the cliff forces our hand".

Tim Schlak (Elaine Boyd Library) and Alexis Smith Macklin (Carlow University) had research accepted for publication in the journal of New Review of Academic Librarianship titled "A Transformative Agreement community of practice: Collaboratively-produced insights into the current Open Access environment".

Vicki Donne (Education, School of Education and Social Sciences) and **Mary Hansen** (Education, School of Education and Social Sciences) had research accepted for publication in the Journal of Educational Technology Systems titled "This isn't science fiction: Technology use during and post COVID for students with disabilities".

Zhou Yang (Social Sciences, School of Education and Social Sciences) had research accepted for publication in the Journal of Real Estate Finance and Economics titled "The spillover effects of land value taxation: How can it affect your neighbors' job growth?"

Presentations

Conference Presentations - Research/Creative Work

Chen Yang (Communication and Organizational Leadership, School of Communication and Media) presented a paper titled "A Case Study of TikTok Adoption and Usage Amid the 2020 Attempted TikTok Ban" at the Ohio Communication Association Annual Conference held at Cleveland State University in Cleveland, OH on October 4-5, 2024.

Chen Yang (Communication and Organizational Leadership, School of Communication and Media) presented a paper titled "Informational Short-Form Video Project" at the Ohio Communication Association Annual Conference held at Cleveland State University in Cleveland, OH on October 4-5, 2024.

Jessica Kamerer (Nursing, School of Health Professions) presented a paper titled "Empowering Women in Situational Leadership" at the Women for Economic and Leadership Development (WELD) 2024 National Leadership Conference held at Otterbein University, Westerville, OH on June 20, 2024.

Sangho Shim (Engineering, School of Engineering and Science), Feng Qui (Argonne National Laboratory), and Alinson Xavier (Argonne National Laboratory) presented a paper titled "Extended graph formulation of the QUBO problem with dense matrices" at the 2024 Modeling and Optimization: Theory and Applications (MOPTA) Conference held at Lehigh University, Bethlehem, PA on August 14-16, 2024.

Sangho Shim (Engineering, School of Engineering and Science), **Qian Zhao** (Mathematics, School of Data Intelligence and Technology), and Taewoo Lee (University of Pittsburgh) had research titled "Randomized rounding for the preventive healthcare facility location problem" published in the proceedings of the Institute of Industrial and Systems Engineers (IISE) 2024 Annual Conference

Stephen Mancini (Computer and Information Systems, School of Data Intelligence and Technology), Emily Kerry (Cyber Investigations and Intelligence, School of Data Intelligence and Technology), and Krista Burnstein (Cyber Investigations and Intelligence, School of Data Intelligence and Technology), and Madison Maynard (Cyber Investigations and Intelligence, School of Data Intelligence and Technology) had research titled "Correlating Drug Overdoses with Dark Web Market Activity" asynchronously presented in the 64th International Association for Computer Information Systems Conference.

Sun-A Park (Communication and Organizational Leadership, School of Communication and Media) presented a paper titled "Exploring Public Engagement in Online Social Communities, Reddit, in Response to Ethical Violations by Social Media Influencers" at the 2024 Midwest Popular Culture Association/American Culture Association (MPCA/ACA) Annual Conference held in Chicago, IL on October 4-6, 2024.

Susan Hellier (Nursing, School of Health Professions) presented a paper titled "The Changing Landscape of Emergency Contraception" at the Pennsylvania Coalition of Nurse Practitioners 21th Annual Conference in Champion, PA on November 16, 2024.

Awards

Research/Creative Work Award

Barbara Burgess-Lefebvre (English and Media Arts, School of Communication and Media) directed the world premiere of "So, There's a Leprechaun Now?", a play by Brian Knavish. The production won Best Theater Production in the Pittsburgh City Paper's 2024 Best of PGH Reader's Poll.

Authorships

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

Mary Hansen (Education, School of Education and Social Sciences) and **Vicki Donne** (Education, School of Education & Social Sciences) authored a chapter titled Probing the post-pandemic landscape: Use of technology and assistive technology for students with disabilities, in the book Exploring Technology-Infused Education in the Post-Pandemic Era by IGI Global, 2024.

Ping Wang (Computer Information Systems, School of Data Intelligence and Technology) and Hubert D'Cruze (University of Maryland) authored a chapter titled, "AI-Assisted pentesting using ChatGPT-4" in the book Advances in Intelligent Systems and Computing by Springer Nature Switzerland AG, 2024.

Richard Mills (English and Media Arts, School of Communication and Media) authored a book titled, The Story of Everyday Ethics by Kendall Hunt Publishing, 2024.

Editorships

Editor or Co-Editor of a Journal

No Editorships in this Issue.

Recognitions

Recognition of Research/Creative Work

Andrew Ames (English and Media Arts, School of Communication and Media) had new sculpture "We don't need another algorithm" on display in Gui/Gooey, a group exhibition at the Plexus Project gallery in Brooklyn, NY, held October 19 - December 19, 2024.

Andrew Ames (English and Media Arts, School of Communication and Media) had new sculpture "We don't need another algorithm" on display in the exhibition Connect at the Rhode Island Art League Gallery in Pawtucket, RI, held October 12 - November 9, 2024.

Christine Holtz (English and Media Arts, School of Communication and Media) had new creative works included in We the People, a juried exhibition at the Southern Alleghenies Museum of Art in Altoona, PA held July 19, 2024 - January 19, 2025.

Christine Holtz (English and Media Arts, School of Communication and Media) had new creative works included in Small Works, Big Impact, a juried exhibition at the Sweetwater Art Center in Sewickley, PA held March 15 - April 19, 2024.

Susan Hellier (Nursing, School of Health Professions) was invited to present clinical expertise on the topic "Genitourinary Syndrome of Menopause" at the National Conference for Nurse Practitioners 2024 Fall Virtual Event on October 24, 2024.

Susan Hellier (Nursing, School of Health Professions) was invited to present clinical expertise on the topic "Genitourinary Syndrome of Menopause" at the American Association of Nurse Practitioners (AANP) National Conference in Nashville, TN on June 27, 2024.

Workshops

Workshops Delivered

Stuart Allen (Communication and Organizational Leadership, School of Communication and Media), Divya Singhal (Goa Institute of Management), Rae Andre (Northeastern University), Christopher Craig (Murray State University), Sara Soderstrom (University of Michigan), and George Reischauer (Vienna University of Economics and Business) presented in the workshop, "Engaging sustainability in and from the field: Innovative practices from ONE Teaching Award winners" at the 84th Annual Meeting of the Academy of Management held in Chicago, IL on August 9-13, 2024.

Stuart Allen (Department of Communication and Organizational Leadership, School of Communication and Media), Divya Singhal (Goa Institute of Management), Louis Fry (Texas A&M University), Robert Sroufe (Chatham University), Christopher Craig (Murray State University), Amama Shaukat (Brunel University), and George Reischauer (Vienna University of Economics and Business) presented a professional development workshop titled "Teaching sustainability: Encouraging and applying innovation" at the 2024 Academy of Management Annual Meeting held in Chicago, IL on August 9-13, 2024.

Stuart Allen (Communication and Organizational Leadership, School of Communication and Media)Mairead Brady (Trinity College), Martin Fellenz (IMD), Cynthia Fukami (University of Denver), Barbara Zepp Larson (Northeastern University), Leonardo Caporarello (Bocconi University), Catherine Cawley (Trinity College), David Lefevre (Imperial College), Florian Urtmetzer (University of Cambridge), Adam Keeley (Maynooth University), Lakshmi Balachandra (Babson College), and Christine Rivers (University of Surrey) presented a professional development workshop titled "Teaching with technology: Unraveling emerging AI practices in the classroom" at the 2024 Academy of Management Annual Meeting held in Chicago, IL on August 9-13, 2024.

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February 2025
Please submit your
accomplishments by February 15, 2025!