



ROCK RESEARCH EXPO

SPRING 2024







MESSAGE FROM THE PROVOST



The SRU Rock Research Expo is a newsletter that informs the campus community about the recent publications of faculty members and students, research projects and grants acquisition, conference presentations, performances, and exhibitions. The Rock Research Expo also represents

the commitment SRU has to encouraging interdisciplinary research and sharing new knowledge gained through faculty and student research. This newsletter has recently been enhanced to reflect SRU's new strategic plan; one of the four pillars of the plan is the University's "commitment to academic discovery and human growth." The revised Rock Research Expo publication highlights the excellence of faculty creative and scholarly research in their fields during the 2023-24 academic year.

Michael Zieg, Ph.D.
Provost, Slippery Rock University



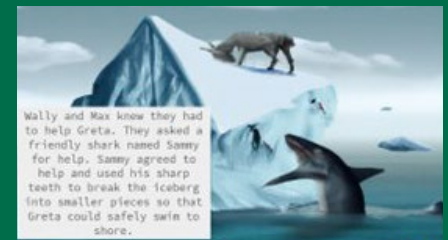
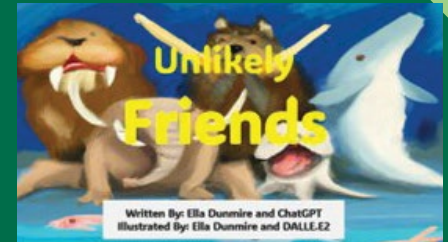
FEATURE STORY

EMPOWERING EDUCATORS: INTEGRATING NEW TECHNOLOGIES INTO TEACHER EDUCATION

The global introduction of ChatGPT in early 2023 reverberated throughout higher education and society at large. Faculty members found themselves grappling with the challenge of determining the optimal response to this technological breakthrough—whether to resist, embrace or cautiously integrate it into their teaching methodologies.

Recognizing the inevitability of this technological shift, faculty members at the Slippery Rock University College of Education swiftly moved to accept and integrate artificial-intelligence powered tools into teacher education programs. For instance, Hye Ryung Won, assistant professor of elementary and early childhood education, who taught a Creativity Integration Method course in the spring of 2023, explored innovative ways to incorporate AI into her curriculum. In her course, preservice teachers were tasked with crafting children's storybook books, utilizing a range of text generative AIs (e.g., ChatGPT, Microsoft Bing) and image generative AIs (e.g., Dall-E2, Midjourney). The central aim of this activity was not solely to produce storybooks relying on AI, but rather to involve students' original ideas and imaginations in developing their storylines, followed by AI-assisted development and refinement for efficiency. Ethical considerations regarding copyright, when supported by AI, were thoroughly discussed, leading to the agreement to attribute credit to the AI tools by explicitly listing them as co-authors on the students' creative work.

The exploration of AI-powered tools with teacher educators continued. Elizabeth LaGamba, associate professor of elementary and early childhood education, who taught a Literacy Method course in the fall of 2023, presented an interactive workshop with her students entitled "Navigating Artificial Intelligence (AI) in the Literacy Classroom" at the Keystone State Literacy Association Annual Conference in Hershey, Pennsylvania, in November 2023. In preparing this workshop, students seized the opportunity to actively explore and evaluate the functionalities and efficacy of commonly utilized AI programs (e.g., Wordtune, QuillBot, OtterAI, Curipod, Moonbeam, Imagine Forest, etc.). During the workshop, attendees actively participated in a dialogue led by SRU students, regarding the advantages and potential drawbacks of AI programs. Consequently, whole attendees were prompted to contemplate adjustments to their policies and teaching methods, acknowledging the implications of this emerging technology.



A Student Crafted AI Assisted Children's Storybook



From left, SRU students Costello Keene, Abbey Stello, Grace Hall, Sammy Gioan with Elizabeth LaGamba, SRU associate professor of elementary and early childhood education, at the AI Workshop at KSLA Annual Conference.



As such, through practical experiences integrating AI into teaching and learning, faculty realized the importance of involving students in explicit discussions about responsible AI use. This approach, combined with hands-on exploration of various strategies, proved more beneficial than imposing restrictions alone, which could lead to unwarranted anxieties. Faculty members believe such engagement could nurture students into critical and responsible citizens who use AI judiciously.

As of 2024, the proactive stance and actions of faculty members toward technology integration in teacher education continue under the active support of Keith Dils, dean of the College of Education. Dils allocated funds for faculty to attend the Pennsylvania Educational Technology Expo & Conference. The College of Education's technology committees utilized this privilege to explore various educational technology tools at the conference, assessing their suitability for Pre-K-12 education and examining possibilities for incorporating them into teacher training to enhance preparedness in technological competency.



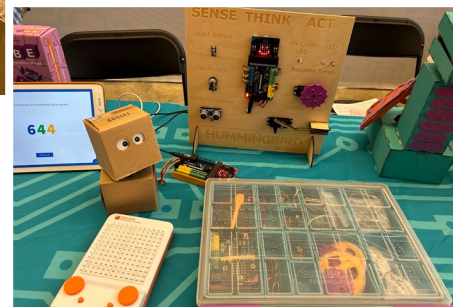
From left to right, SRU faculty members Hye Ryung Won, Michelle Amodei, Jodi Sindlinger and Junko Yamamoto at the PETE&C.

After gaining insights at the PETE&C on diverse learning technology instruments (e.g., robot coding and programming for PreK-12, virtual reality devices designed for children with special needs, English language learners and beyond), the technology committees have actively

elaborated on ideas to formulate a strategic plan for introducing such diverse educational technologies and approaches into the College of Education. They believe this initiative ultimately empowers preservice teachers to enter the education profession with ample knowledge and skills in educational technologies to effectively teach future generations. With this vision in mind,



A Bluetooth-Enabled Engineering Structure in Fluxspace



Hummingbird Robotics in Assemble

they have been actively researching and seeking advice by visiting local STEM labs in the Pittsburgh area (e.g., Fluxspace, Assemble) and exploring collaboration opportunities.

The faculty in the College of Education will continue their efforts to enhance the preparation of future educators to thrive in the 21st century. Their dedication to teaching, professional and local community engagement, as well as ongoing professional development, has played a crucial role in advancing these initiatives and assisting SRU students in acquiring innovative skills to excel in the modern era. Their ultimate goal is to serve as catalysts for inspiration within the broader SRU community, fostering a culture of innovation, growth and excellence in education.



ROCK RESEARCH EXPO SPRING 2024 SUBMISSIONS

PUBLICATIONS

COLLEGE OF BUSINESS



BOOK

Zullo, R. H. & Weight, E. (2024). *Administration of Intercollegiate Athletics* (2nd edition). Human Kinetics.

BOOK CHAPTERS

Crow B., Gillentine, A., & Newland, B. (2022), Introduction to the Sport Industry. In *Foundations of Sport Management*, 4th ed., in Crow, B., Giillentine, A., and Newland, B. eds. FIT, Morgantown.

Crow. B, Gillentine, A. and Newland, B. (eds). (2022), *Foundations of Sport Management*, 4th ed. Fitness Information Technology, Morgantown, WV.

Forrest, J. Yi-Lin (2023) *Systemic Principles of Applied Economic Philosophies I: Producers, Consumers and the Firm*. Singapore: Springer Link.

Forrest, Jeffrey Yi-Lin (2023) *Systemic Principles of Applied Economic Philosophies II: Value, Decision & Large-Scale Business Forces*. Singapore: Springer Link.

Gillentine, A. and Crow, B. (2022), *Management and Leadership in Sport*. In *Foundations of Sport Management*, 4th ed., Crow, B., Giillentine, A., and Newland, B. FIT: Morgantown.

Loudiy, F., (2023). *Activist Rhetoric and Narratives of Resistance in Pittsburgh*. Lexington Books.

Blood, W., Abrams, D., and Crow, B. (2022), *Finance and Economics in Sport*. In *Foundations of Sport Management*, 4th ed., Crow, B., Giillentine, A., and Newland, B., eds. FIT: Morgantown.

Quinn, K. J. and D.B. Sachsman, eds. (2023) *The Civil War Soldier and the Press*. Introduction: Seeking the Soldier in the Civil War Press, And Covering Our Boys: Introducing the Heroic Soldier in the Civil War Press, 1861-1862. Routledge. DOI 10.4324/9781003351283

Quinn, K. J. (2023) *Worthy of the City and Age in which We Live': Roles and Functions of the Mid-western Civil War Press*, 93-116. Chapter in *The Midwestern Press in the Crucible of the American Civil War*. Eds. D. Reddin van Tuyll,, and M. M. Cro-nin. New York: Peter Lang.

Smeak, R., J. Losko, (2023), *Understanding Safety Communications and the Impacts on the Safety Professional*, Chapter 15, *Safety Professionals Handbook* published by the American Society of Safety Professionals.

Wajda, T., J. Forrest, Y. Liu, E. Kose (2022). *The Supply Chain Ecosystem of a Firm, Systems-Based Approach to Creating and Achieving Value. Sys-temic Principles of Applied Economic Philosophies II*, 35-63. DOI 10. 1007/978-981-99-7939-4 2

Wang, F, T. Iyamu, G. Phillips-Wren, J. Y. Forrest (2023). *BDAS-EPM: An Integrated Evolution Process Model for Big Data Analytics Systems*. (eds) In *Development Methodologies for Big Data Analytics Systems - plan-driven, agile, hybrid, lightweight approaches*. Springer. 187-203. DOI [10.1007/978-3-031-40956-1_7](https://doi.org/10.1007/978-3-031-40956-1_7)

Wajda, T., J. Forrest, M. Y. Hu, Z. L. (2022), *The Systematic Hierarchical Structure of the Mind*. In *Value in Business: A Holistic, Systems-Based Approach to Creating and Achieving Value*, 217-238. Springer. Yang, J., T. Wu, J. Y. Forrest (2023), *Semantic features revealed in consumer-review studies* (Chapter 66). In:



Wang, Jogn (ed.). Encyclopedia of Data Science and Machine Learning, pp. 1143-1156, IGI Publishing. DOI 10.4018/978-1-7998-9220-5.ch066.

ARTICLES

Anderson, M., Jeffrey Y., Forrest, J. Wagner, J., Lipinski, Y., Xiaoguang T. (2022), A Profit-Based View of Economic Granularity in the Perspective of Market Competition. *Pennsylvania Economic Review*, 29(1), pp. 92-115.

Augustin, L. A., & Martin, T. K. (2022), Financial literacy and the level of financial planning individuals use. *Financial Services Review*, 30(3).

Charles, F., & Nkana, E. (2023), "The show must go on": Faculty and student international media research during the COVID-19 pandemic. *Teaching Journalism & Mass Communication*, 13(1), 37-40, <https://community.aejmc.org/smallprogramsinterestgroup/publications/journals>

Chen, C.-C.B., Tsai, F.C. and Chen, H.S. (2022), Professional identity, passion and career change during the pandemic: comparing nascent and experienced hospitality professionals. *International Journal of Contemporary Hospitality Management*. <https://doi.org/10.1108/IJCHM-02-2022-0264>

Chen, Y.-C.; Tsai, F.C.; Tsai, M.-J.; Liu, W.-Y. (2022), Recreational Visit to Suburban Forests during the COVID-19 Pandemic: A Case Study of Taiwan. *Forests*. 13(8), 1181. <https://doi.org/10.3390/f13081181>

Forrest, J. Y., Z.G., R.S.Clark, R. Barneva (2023), Properties of a Firm's Factor Demands, Optimal Production Correspondence, and an Economy's Aggregated Supply/Demand. *Mathematics for Applications*, vol. 12, 27-47.

Forrest, J. Y., J. L., Huan G., Yong L., T. M. Phipps, Y. Yang, Y. Cao (2022), Market Competition and Economic Effects of Government Policies. *International Journal of Knowledge and Systems Science*, vol. 13, no. 1-23. DOI: 10.4018/IJKSS.305478.

Forrest, J.Y., K. W., B. Joo, Li Yan, K. Isariyawongse (2022), Scenarios not adequately addressed by economic theories, *Journal of Business, Economics and Technology*, 25(1), 56-67.

Forrest, J. Y., (2022), Reestablishing the producer theory on the basis of firms' natural endowments, *Pure Mathematics and Applied Mathematics*, vol. 38, no. 3, pp. 322-343.

Forrest, J. Yi-Lin , T.Tiglioglu, Y. Liu, D. Mong, M. Cardin (2023). Various Convexities and Some Relevant Properties of Consumer Preference Relations. *Studia Universitatis Vasile Goldis" Arad - Economics Series*, vol. 33, No. 4, 145-168. DOI: [10.2478/sues-2023-0021](https://doi.org/10.2478/sues-2023-0021)

Galbraith, D. and Mondal, S. (2023). The Impact of COVID-19 on Women-owned Businesses: A Multi-case Study. *Research in Business & Economics Journal*, Vol. 15.

Gias, Shahriar, K Floyd (2022), Under What Conditions, Corporate Social Responsibility Influence Firm Performance - The Mediating Role of Brand Equity, *Journal of Business, Economics and Technology*, 25 (1), 68-80.

Gias, S. (2023). Post-Pandemic Marketing Challenges and Strategies. *Journal of Marketing Development and Competitiveness*. *Journal of Marketing Development and Competitiveness*, 17(1), 87-94.

Gyan, Abel, J Ollio, E Gyan (2022), Using Telehealth to Provide Behavioral Healthcare to Young Adults and College Students, *Perspectives in health information management*, 19 (1):1B.

Joo, B.K., S Yoo, J.H. Noh (2022), Team Emergent States and Team Effectiveness: The Roles of Inclusive Leadership and Knowledge Sharing, *Journal of Organizational Effectiveness: People and Performance*, 9(3), 353-371.

Joo, B.K., J-H Yim, Y.S. Jin, S.J. Han (2022), Empowering leadership and employee creativity: Mediating Roles of Work Engagement and Knowledge Sharing Intention, *European Journal of Training and Development*. Vol.47, Issue 9, 881-899 DOI [10.1108/EJTD-02-2022-0016](https://doi.org/10.1108/EJTD-02-2022-0016)



Joo, B-K, Yoon, S.K, Galbraith, D. (2022). The effects of organizational trust and empowering leadership on group conflict: psychological safety as a mediator. *Organization Management Journal*, DOI 10.1108/OMJ-07-2021-1308.

Li, Aoqing, Zaiwu Gong Jeffrey Yi-Lin Forrest (2023). Financial fund allocation in China's catastrophe insurance market: a game-theoretic analysis. *Natural Hazards*, 117(3), 1-22. DOI 10.1007/s11069-023-05982-3

Lin, Canchu, Anand Kunnathur, Jeffrey Yi-Lin Forrest (2023). Innovation performance fosters strategic development: Evidenced in the case pf new product development and big data capability. *The Journal of Business and Economic Studies*, 27(2), 18-40.

Li, Yuexing, Jun Liu, Xuefei Wang, Jeffrey Yi-Lin Forrest (2023), Can Low-carbon Pilot City Policies Improve Energy Efficiency? Evidence from China. *Sustainability*, 15(3), 1857. DOI 10.3390/su15031857.

Liu, J., Yu Q., H. Chang, J. Y. Forrest (2022), The impact of technology innovation on enterprise capacity utilization: Evidence from China's Yangtze River Economic Belt. *Sustainability*, 2022, 14, 11507. DOI 10.3390/su141811507.

Loudiy, F.(2023) Before the Law: A Ricoeurian Approach to Civil Discourse, *Atlantic Journal of Communication* 31: 4, DOI 10.1080/15456870.2023.2259533.

Loudiy, F. (2022) Trailblazing Afghan Attorneys Reflect on Freedoms they Have in the U.S., *Postindustrial Magazine*, May 28, 2022.

Muthusamy, S., K., Ramadevi, (2023), Profit Crisis: Evolving Patterns of Firm Size and Performance in Traditional U.S. Industries, *Journal of Industrial and Business Economics*, DOI 10.1007/s40812-023-00268-y.

Quinn, K. J. et al. (2023) The Status of Research on Mid-19th-Century Mass Communication Historical Roundtable. *Historiography in Mass Communication*, Ed. David Sloan, 9, (2).

Quinn, Katrina J. and Mary M. Cronin. Our reporter is just come from the ruins, Reporting Practices and the 1860 Pemberton Mill Disaster. *American Journalism*, 40:2 (July 2023), 140-167. DOI 10.1080/08821127.2023.2200325.

Roger, James, J Piper (2022), Longitudinal Study of a website for Assessing American Presidential Candidates and Decision Making of Potential Election Irregularities Detection, *IJGI International Journal on Semantic Web and Information Systems*, 18, (1), 1-20. DOI 10.4018/IJSWIS.305802

Song, H., Z. Gong, J.Y. Forrest, et. al. (2023). Social Network Utility Consensus Model with Empathic and Fuzzy Interactions. *Computers & Industrial Engineering*, 175. DOI 10.1016/j.cie.2022.108904

Strahler, D. (2023). Forming Strategic Service-Learning Partnerships, *Proceedings of the New York State Communication Association*: Vol. 2022, <https://docs.rwu.edu/nyscaproceedings/vol2022/iss1/1>



Wang, Xintong, J.D. Parisian (2023), Learning and Not Using? The Effect of Degree Attainment on Illicit Drug Use, *Applied Economics*, 55 (44), 5172-5188. DOI 10.1080/00036846.2022.2137456

Xu, X., Y. Liu, W. Ren J.Y.Forrest (2023). Pricing decision making and coordination of a dual-channel supply chain considering online reviews and channel preferences. *Managerial and Decision Economics*, 44(8), 4621-4636; DOI 10.1002/mde.3974.



Yi, J., Yong L., J. Y. Forrest, X. Guo, and X. Xu (2022), A three-way decision approach with S-shaped utility function under Pythagorean fuzzy information, *Expert Systems with Applications*, 210 (2020) 11837, DOI 10.1016/j.eswa.2022.118370

Zhen L., S. Choi, J. Y. Forrest (2022), Understanding peer pressure on joint consumption decisions: The role of social capital during emerging adulthood, *Young Consumers Insight and Ideas for Responsible Marketers*, 24 (1). DOI 10.1108/YC-03-2022-1494.

COLLEGE OF EDUCATION

BOOK

Tours, S., J. Lynch. Eds. (2023) *Developing Effective International Education Experiences: Preparing Pre-Service Teachers for the Classroom*. Vernon Press.

ARTICLES

Drozda, N. A., & Delmonico, D. (2024). Sex addiction 101: Empirical support, treatment considerations, and future directions. *Journal of Addictions & Offender Counseling*. DOI 10.1002/jaoc.12129

Hogue, M. D. (2022). A quantitative data analysis of video-based instruction in an asynchronous online mathematics methods class for teacher certification. *E-Learning and Digital Media*, 19(4), 380-395.
Leckenby, K. (2022). Pre-Service During a Pandem-

ic: College Students' Perceived Effects of Mindfulness Practices: A Mixed Methods Study. *Journal of Research in Education*, 31(1), 47-67.

COLLEGE OF ENGINEERING AND SCIENCE

BOOK

Sukhija, N., K. Li, E. Bautista, J. Gaudiot. Eds. (2022). *Cybersecurity & High-Performance Computing Environments: Integrated Innovations, Practices, and Applications*. Eds. New York: Chapman and Hall/CRC PRESS, USA. DOI 10.1201/9781003155799

BOOK CHAPTERS

Boron, T. (2022) Magnetic Metallocrowns: From Randomness to Rational Design. In *Advances in Metallocrown Chemistry*, Ed. C. M. Zaleski. Springer eBook.

Sukhija, N., K. Li, E. Bautista, J. Gaudiot, (2022). Cybersecurity in HPC Ecosystems, in *Cybersecurity & High-Performance Computing Environments: Integrated Innovations, Practices, and Applications*. Eds. New York: Chapman and Hall/CRC PRESS, USA. DOI 10.1201/9781003155799

Sukhija N. E. Bautista, M. Romanus, C. Whitney and T. Davis. Eds. (2022). OMNI at the Edge, in *Cybersecurity & High-Performance Computing Environments: Integrated Innovations, Practices, and Applications*. Eds. New York: Chapman and Hall/CRC PRESS, USA. DOI 10.1201/9781003155799

Sun, X., Bai, B. (2023). Chemical Enhanced Oil Recovery. In *Recovery Improvement (Volume 3) Oil and Gas Chemistry Management Series*. Eds. Qiwei Wang. Publisher: Elsevier.

ARTICLES

Brimkov, B., A. Abiad, S. Hayat, A. P. Khramova, J. and H. Koolen (2023). Extending a conjecture of Graham and Lovász on the distance characteristic polynomial, *Linear Algebra and its Applications*, 693(X), 63-82. DOI 10.1016/j.laa.2023.03.027
Brimkov, B., I.V. Hicks, L. Deaett, R. Haas, D. Mike-



sell, D. Roberson, and L. Smith. (2022) Computational and theoretical challenges for computing the minimum rank of a graph, *INFORMS Journal on Computing*, 34(6): 2868-2872.

Brimkov, B.A. Abiad, J. Breen, T.R. Cameron, H. Gupta, and R.R. Villagran (2022). Constructions of cospectral graphs with different zero forcing numbers. *Electronic Journal of Linear Algebra*, 38: 280-294.

Gross, Emily E., Siebka, Morgan E., Schorr, Robert A., Solomon, Jennifer N., Davis, Shawn K. (2023) Climbers for Bat Conservation: creating a citizen science program in Red River Gorge Kentucky, *Frontiers in Communication*, 8, 1-10. DOI 10.3389/fcomm.2023.1195796.

Glass, N.T. and DeNicola, D.M. (2024). Decomposition properties of three leaf species in a beech-maple forest stream and their potential relationship to long-term changes in forest composition. *Fundamental and Applied Limnology* 197(2), 159-174. DOI: 10.1127/fal/2024/1538

Goodrick, A. (2022) Study on Correlation Between Wind Speed and Temperature using Information Entropy, *International Journal on Information Theory*, 11, (3), 1-6. DOI 10.5121/ijit.2022.11301.

Habib A, S. R, Tuladhar S, Khoda B, Limon SM (2024). Modulating Rheological Characteristics of bio-ink with component weight and shear rate for Enhanced Bioprinted Scaffold Fidelity. *Bioprinting*, Vol: 38. DOI 10.1016/j.bprint.2024.e00332

Hamidi, S., M. Babak, M. Yasi. (2023). Experimental Study of the Time Scale for Local Scour Downstream of Parallel Sluice Gates, *Journal of Irrigation and Drainage Engineering*, 149 (10), DOI 10.1061/JIDEDH.IRENG-10012

Khazaei, B., Bravo, H.R., & Hamidi. S.A. (2023). Interactions between sediment processes and ecosystem responses in the Green Bay of Lake Michigan, *WIREs Water*, 10 (5), e1668. DOI 10.1002/wat2.1668



Heath, S.L., Horne, W.S., Lengyel G.A. (2023). Effects of Chirality and Side Chain Length in C₁₂-Di-alkylated Residues on α -Hairpin Peptide Folded Structure and Stability, *Organic & Biomolecular Chemistry*, 6320-6324.

Horne, L., Manzanares, A., Babin, N., Royse, E.A., Arakawa, L., Blavascunas, E., Doner, L., Druckenbrod, D., Fairchild, E., Jarchow, M., Muchnick, B., Panday, P., Perry, D., Thomas, R., Toomey, A., Tucker, B., Washington-Ottombre, C., Vincent, S., Anderson, S.W., Romulo, C. (2024). Alignment among environmental programs in higher education: What Food-Energy-Water Nexus concepts are covered in introductory courses? *Journal of Geoscience*, 72 (1), 86-103. *Education*. DOI [10.1080/10899995.2023.2187680](https://doi.org/10.1080/10899995.2023.2187680)

Kazemi, M., Borujeni, A., Takbiri, S. Physics-informed data-driven model for fluid flow in porous media, *Computers & Fluids*, 264, 105960

Kazemi, M., Liu, S., Barati, R., Zhang, C. (2023). Coupled Lattice Boltzmann Modeling Framework for Pore-Scale Fluid Flow and Reactive Transport, *ACS omega*, 8(15), 13649-13669. DOI 10.1021/acsmega.2c07643

Lengyel, G.A., Boron T.T., Loe, A.M., Zirpoli, S. (2022) Implementation of the Multiplier, an Alternative Grading System for Formative Assessments. *Journal of Chemical Education*, 186-191. DOI 10.1021/acs.jchemed.2c00628



Lengyel, G. (2023). Effects of Chirality and Side Chain Length in C⁻-Dialkylated Residues on -Hairpin Peptide Folded Structure and Stability, *Journal of Organic & Biomolecular Chemistry*, 6320-6324.

Limon, S., Quigley C., Sarah R., Habib A. (2023). Factorial design of experiment method to characterize bioprinting process parameters to obtain the targeted scaffold porosity. *3D Printing and Additive Manufacturing*. DOI 10.1089/3dp.2023.0138

Limon, S., Baharshahi M., Seyedhosseini S. (2024). Remaining useful life prediction using the similarity-based integrations of multi-sensors data, *Quality Engineering*, 36 (1), 36-53. DOI 10.1080/08982112.2023.2218923

Limon S., Quigley C., Sarah R., Habib A. (2024). Advancing Scaffold Porosity Through A Machine Learning Framework in Extrusion Based 3D Bio-printing. *Frontier in Materials Sec. Biomaterials and Bio-Inspired Materials*, Vol: 10. DOI 10.3389/fmats.2023.1337485

Santos, L., C. Nasiadka, J. Quaranta, P. Ziemkiewicz. (2022). Filtration studies for geotextile selection to produce rare earth elements preconcentrate. *International Journal of Geosynthetics and Ground Engineering*, 9(1), 2. DOI 10.1007/s40891-022-00420-z

Lisco, J., B. Santucci, V. Santucci. (2022). Integrating paleontological resource management into the educational curriculum for undergraduate and graduate programs in parks and resources management, *New Mexico Museum of Natural History & Science Bulletin*, 90, 215-219.

Maltman, C., Kuzyk, S.B, Humphrey, E. et al. (2022). Prosthecate aerobic anoxygenic phototrophs *Photocaulis sulfatitolerans* gen. nov. sp. nov. and *Photocaulis rubescens* sp. nov. isolated from alpine meromictic lakes in British Columbia, Canada, *Archives of Microbiology*, 204 (7). DOI 10.1007/s00203-022-03007-4

Maltman, C., G. Lengyel. (2023). *Shewanella metalvivens* sp. nov., a deep-sea hydrothermal vent tube worm endobiont capable of dissimilatory anaerobic metalloid oxyanion reduction, *International Journal of Systematic and Evolutionary Microbiology*, 73 (7). DOI 10.1099/ijsem.0.005980

Musyt, J.(2022). Equivariant cobordisms between freely periodic knots, *Canadian Mathematical Bulletin*, DOI 10.4153/S000843952200042X

Shoemaker, C. (2022). Impacts of Nitrogen and Sediment on Restored Wetland Plant Assemblages from an Agricultural Landscape, *Wetlands*, 42 (85) DOI 10.1007/s13157-022-01619-6

Silwal, S., Thomas, R., Shrestha, S. (2023). Ecosystem service concept as a rationale for urban green space conservation – A systematic review report. *International Journal of Scientific Advances*, 4 (3), 300-319.



Sukhija, N., Zhao, W., Cao, B., Liang, W. (2023). Exploring Latent Weight Factors and Global Information for Food-oriented Cross-modal Retrieval, in the *Journal of Connection Science*, 35 (1). DOI 10.1080/09540091.2023.2233714

Sukhija, N., Godoy, W.F., Arora, R., Beattie, K., et al. (2022). Giving Research Software Engineers a Larger Stage Through the Better Scientific Software Fellowship. *Computing in Science & Engineering*, 24(5), 6-13. DOI 10.1109/MCSE.2023.3253847



Sukhija, N., Chakkaravarthy, S. M. Aditya, L. Kuan-Ching, G. Anisha et al. (2022). Loki: A Physical Security Key Compatible IoT Based Lock for Protecting Physical Assets, *IEEE Access Journal*, 10. DOI 10.1109/ACCESS.2022.3216665.

Sukhija, N., Bautista, E. Deng, S. (2022). Shasta Log Aggregation, Monitoring and Alerting in HPC Environments with Grafana Loki and ServiceNow. *IEEE CLUSTER*, 602-610. DOI 10.1109/Clusters1413.2022.00079

Sun, X, He, Q., Liu, J., Geng, J., Feng, Y., Deng, J., & Bai, B. (2023). Kinetics and equilibrium of nanogel adsorption and desorption on sandstone. *Journal of Molecular Liquids*, 387, 1-9, 122695. DOI 10.1016/j.molliq.2023.122695

Sun, X., Sun, L., Chen, D., Zhang, Y., Pu, W., Wei, B., and Tang, J. (2022). Probing high-salinity-enhanced stability of betaine foam for foam application in harsh reservoirs. *Fuel*, 327, p.125144

Thomas, R., N. Burkardt. (2022). Navigating the Space between Policy and Practice: Toward a Typology of Collaborators, Federal Land Management Agency. *Society & Natural Resources*, 35 (12) 1333-1351. DOI 10.1080/08941920.2022.2109086

Thomas, R., S. Silwal. (2023). Ecosystem service concept as a rationale for urban green space conservation - A systematic review report, *International Journal of Scientific Advances*, 4 (3), 300-319. DOI 10.1080/08941920.2022.2109086



Wahbeh, A. Nasralah, T., Elnoshokaty, A. et al. (2022). A Comparative Analysis of Anti-vax Discourse on Twitter Before and After COVID-19 Onset, *Health Informatics Journal*, 28 (4), 1-17. DOI 10.1177/14604582221135831

Zhang, J., Lin, S. Y., Cheng, X., Yannam, J. S., Barnes, A. J., Koch, J. R., & Xue, H. (2023). Social Media Data Mining of Antitobacco Campaign Messages: Machine Learning Analysis of Facebook Posts. *Journal of Medical Internet Research*, 25, 1-11, e42863. DOI 10.219642863

COLLEGE OF HEALTH PROFESSIONS

BOOKS

Dicus, J. and K. Keeley. (2023). *Applied Anatomy for Exercise Science*. Kendall Hunt, Dubuque, IA.

Dicus, J and Keeley, K. (2023). *Applied Anatomy for Exercise Science*. (2nd Ed.) Kendall Hunt, Dubuque IA.

Kemeny, B. (2024). *Recreational Therapy for Older Adults*, 2nd Edition. Urbana, IL: Sagamore-Venture.

BOOK CHAPTERS

Abbs, K. (2023). A Social Work path to teaching in higher education. In *Careers in One Health: Social Workers' Roles in Caring for Humans and their Animal Companions*. L. Kogan (ed.) Routledge.

Eaton-Stull, Y. (2023). Animal Welfare with AAI in Prisons/Jails. In L. Kogan (ed.) *Animal-Assisted Interventions: Recognizing and Mitigating Potential Welfare Challenges*. CAB International.

Eaton-Stull, Y. (2023). Supreme dogs, dream jobs. In L. Kogan (ed.) *Careers in One Health: Social Workers' Roles in Caring for Humans and their Animal Companions*. Routledge.

Eaton-Stull, Y. (2022). Magical Moments with Maggie. In L. Kogan & P. Erdman (Eds.) *The Gifts We Receive from Animals: Stories to Warm the Heart*. Routledge.



Eaton-Stull, Y. (2022). Crisis Intervention: Frameworks for Social Work Practice. In Rapp- McCall (ed.) Social Workers' Desk Reference (4th edition), Oxford University Press.

Eaton-Stull, Y. (2022). Animal-Assisted Social Work in Prisons. In Rapp-McCall (ed.) Social Workers' Desk Reference (4th edition), Oxford University Press.

Hays, D. (2023). Unexpected implementation of AAI in Crisis Work. In L. Kogan (ed.) *Careers in One Health: Social Workers' Roles in Caring for Humans and their Animal Companions*. Routledge.

Jenny, S.E. (2023). Paradoxical Effects of the Health Crisis within the Esports Industry: How French Esports Organizations Illuminate the Perceived Revenue Growth Façade, In *Sport and Physical Culture in Global Pandemic Times: COVID Assemblages*, 715-741. Palgrave Macmillan. DOI 10.1007/978-3-031-14387-8_29

Panicker, S., Akins, C. K., & Rice, B. A. (2023). Ethics and regulation of research with nonhuman animals. In H. Cooper, M. N. Coutanche, L. M. McMullen, et. al. (Eds.) *APA handbook of research methods in psychology: Foundations, planning, measures, and psychometrics*, 83-89. American Psychological Association. DOI 10.1037/0000318-004

Rickman AD and Verba SD (2024). Chapter 18: Special Considerations for Overweight, Obesity, and Weight Management. In: *ACSM's Textbook of Exercise Testing and Prescription*, 2nd Edition, 330-338. Wolters Kluwer: Maryland.

Ruppert, Timothy.(2024). A Memoir Without Conscience: Agatha Christie's *The Murder of Roger Ackroyd*. In *Certainty and Ambiguity in Global Mystery Fiction*, 15-28, ed. John J. Han, C. Clark Triplett, and Matthew Bardowell. Bloomsbury.

Willford, J.A, S. Dinan, & J. Hilton. (2023). *Positioning Honors to Lead Diversity and Inclusion Efforts at Primarily White Institutions*, in *Honors Colleges in the 21st Century*.(pp.277-300), NCHC Monographs, 2023. (ISBN: 978-1-945001-21-5)

ARTICLES

Adegboyega, A., Aroh A., Desmennu A, Williams LB., Mudd-Martin G. (2023) Experiences and Challenges of African American and Sub-Saharan African Immigrant Black Women in Completing Pap Screening: a Mixed Methods Study, *Journal of Racial and Ethnic Health Disparities*. DOI 10.1007/s40615-023-01617-2

Ahuja, N.A., Kedia, S.K., Regmi, S., & Dillon, P (2023). Disparities in E-Cigarette Harm and Addiction Perception among Adolescents in the United States: A Systematic Review of Literature. *Journal of Racial and Ethnic Health Disparities*. DOI 10.1007/s40615-023-01553-1

Ahuja, N.A., Kedia, S.K., Xie, Lu., Jiang Y., et al. (2022). Factors associated with e-cigarette quitting behavior among adolescents in the United States: A Prospective Observational Study. *Journal of Adolescent Health*, 71 (6), 729-736. DOI 10.1016/j.jadohealth.2022.07.001

Anning, J. (2022). Potential Benefits of Using Exercise as a Treatment Strategy for Duchenne Muscular Dystrophy (DMD), *Professionalization of Exercise Physiology*,25 (4), 1-16.

Bhatnagar KP, TD Smith. (2022). Observations of an unfundibular recess in vampire bats. *Bat Research News*, 63, 67-70.

Clarke, K. & Leh, S. (2023). A nurse leader directed violence risk assessment on patient-to-nurse violence: A quality improvement project. *Nurse Leader*, 21 (6), 681-686. DOI 10.1016/j.mnl.2023.05.004

Cook, A. B., et al. (2023). Occupational Therapy Practitioners' Implementation of Home Programs for Individuals Post Burn: An Initial Cross Sectional Survey. *Occupational Therapy in Health Care*, 1-17. DOI 10.1080/07380577.2023.2240395

Eaton-Stull, Y., Potts, N., Pridgen, S., & Farren, D. (2023). Teaching Forensic Social Work: Innovative Education through Service-Learning. *Journal of Forensic Social Work*, 7(1), 62-71.



Eaton-Stull, Y., Jaffe, B., Scott, K., & Shiller, M. (2023). Animal-assisted crisis response: Characteristics of canine handlers and their canine partners. *Human Animal Interactions*, 11(1), DOI 10.1079/hai.2023.0033

Eaton-Stull, Y. (2023). Animal Welfare for Therapy Dogs in Correctional Settings. *Animal Behaviour & Welfare Cases*. DOI 10.1079/abwcases.2023.0023

Eaton-Stull, Y., Hotchkiss, J., Lilien, F., & Jones, J. (2022). Bereavement behind Bars: Grief Support Groups with and without Therapy Dogs for Incarcerated Females. Bereavement: *Journal of Grief and Responses to Death*, 1. DOI 1054210/bj.2022.13

Eshak, T. B., Hobkirk, A. L., Whitener, C. J., Conyers, L. M., Hwang, W., & Sznajder, K. K. (2024). Syndemic of Substance Abuse, Depression, and Type 2 Diabetes and Their Association with Retention in Care Among People Living with HIV. *AIDS and Behavior*. DOI 10.1007/s10461-024-04275-5

Hazegh, K., Fang, F., Kelly, K., Sinchar, D., Wang, L., Zuchelkowski, B. E., Ufelle, A.C., Esparza, O., Davizon-Castillo, P., Page, G. P., & Kaniyas, T. (2022). Erythrocyte mitogen-activated protein kinases mediate hemolytic events under osmotic and oxidative stress and in hemolytic diseases. *Cellular Signalling*, 99, 110450. DOI 10.1016/j.cellsig.2022.110450

Holmstrup, M., B. Jensen et al. The Impact of the Cold Pressor Test on Inter-Arm Differences in Blood Pressure, *International Journal of Exercise Science*, 16 (2), 875-884. PMCID: PMC10449320

Jenny, S. E. McNulty, C., Leis, O., Poulus, D., Sondergeld, P., & Nicholson, M. (2023). Physical Exercise and Performance in Esports Players: An Initial Systematic Review. *Journal of Electronic Gaming and Esports*. 1(1), 1-11. DOI10.1123/jege.2022-0014

Jenny, S. E. & Pastore, R. (2023). A Bunch of Big Idiots Smack into Each Other – A Mixed-Method Investigation of Learning Rugby through Video Gaming Compared to Traditional Instruction. *Entertainment Computing*, 46(1), 100562. DOI 10.1016/j.entcom.2023.100562

Jenny, S. E., & Krause, J. M. (2023). Physical Educators' Exergaming Integration Behaviors, Attitudes, and Self-Efficacy Beliefs. *The Physical Educator*, 80(1), 91-107. DOI 1018666/TPE-2023-V8011-11057

Kedia, S.K., Mahmood, A.Q., Xie, L., Jiang, Y., Dillon, P., Ahuja, N.A., Arshad, H & Entwistle, C (2023). Driving under the influence of substances and motor vehicle fatalities among older adults in the United States. *Traffic Injury Prevention*, 24(5):379-386. DOI 10.1080/15389588.2023.2188435

Kedia, S.K., Ahuja, N.A., Hammal, F., Eissenberg, T., Mazaik, W., & Ward, K.D (2022). Waterpipe is like a wife: Qualitative Assessment of Perspectives on Waterpipe Smoking Dependence. *Addiction and Health*, 14(4):268-278. DOI 10.34172/ahj.2022.1377.



Keener, E., Milo, J., & Kotvas, K. (2023). Arguing With Friends vs. Romantic Partners: Do Emerging Adults' Gender-Typed Conflict Management Strategies Vary by Sexual Orientation? *Emerging Adulthood*, 11(4), 979-993. DOI 10.1177/21676968231182477

McKissock, H.B., Kemeny, B. Hooker, T., & Gramlich, C. (2023). The role of recreational therapists in equine assisted services. *Therapeutic Recreation Journal*, 57(4), 365-383.



Rice, B.A., K. Skogsberg. (2023). Using Creative Artifacts to Teach Scientific Communication to Psychology Students, *A Journal of Academic Writing Assignments*, 7 (2). DOI 10.31719/pjaw.v7i2.125

Sinnott A.M., Eagle S.R., Kochick V, Bricker IR, Collins MW, Sparto PJ, Flanagan SR, Elbin RJ, Connaboy C, Kontos AP. (2023). Test Retest, Interrater Reliability, and Minimal Detectable Change of the Dynamic Exertion Test (EXiT) for Concussion. *Sports Health*, 15 (3), 410-421. DOI 10.1177/19417381221093556.

Sinnott A.M., Eagle S.R., Kochick V., Trbovich A., Collins M.W., Sparto P., Flanagan S.R., Elbin R.J., Connaboy C., Kontos A.P. (2023). Comparison of Physiological Outcomes After Dynamic Exertion Between Athletes at Return to Sport from Concussion and Controls. *Medicine & Science in Sport & Exercise*, 17 (6), 1-10.

Smith TD, CJ Bonar. (2022). Nasal anatomy of agoutis (*Dasyprocta* spp.). *Vertebrate Zoology* 72, 95-113. DOI 10.3897/vz.72.e76047

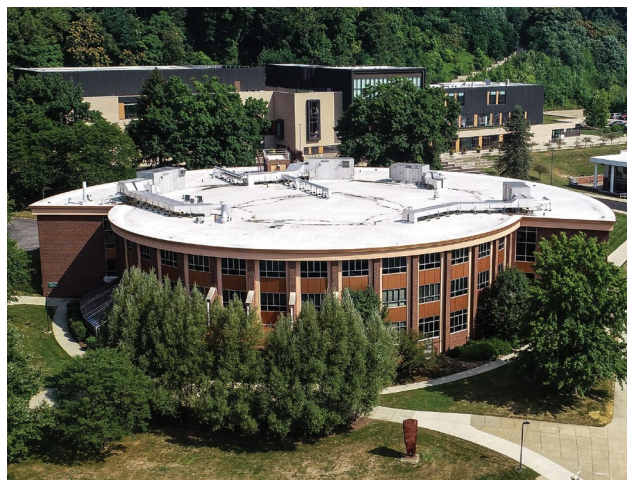
Smith TD, VB DeLeon, TP Eiting, HM Corbin, KP Bhatnagar, SE Santana. (2022). Venous networks in the upper airways of bats: A histological and diceCT study. *Anatomical Record*, 305, 1871-1891.

Rehorek SJ, RM Elsey, TD Smith. (2022). Ontogeny of the nasolacrimal apparatus and nasal sensory systems of the American Alligator (*Alligator mississippiensis*). *Journal of Morphology*, 283, 1080-1093.

Willford, J.A., S.E DeVlieger, L. Dolcini-Catania, & R.T. Gallen. (2023). Empowered and Driven to Help: Learning About Childhood Trauma During Preservice Training, *Journal of Trauma Studies in Education*, 2(1), 79-107. DOI 10.32674/jtse.v2i1.4735

Willford, J.A., R.T. Gallen, T. Cruz, et.al. (2022). Holding From Afar: The Protective Effect of Virtual Reflective Supervision/Consultation (V-RSC) During the Pandemic, *Zero to Three*, 42(4), 62-71.

Willford, J.A., M. Hazelet, M. Khalaifa, N. DeGenna, G. Richardson. (2023). *Impact of Cannabis on Memory: Pregnancy to Adulthood*, in *Cannabis Use, Neurobiology, Psychology, and Treatment*, 343-354, Elsevier. DOI 10.1016/B978-0-323-89862-1.00044-1



Wood B, L Oladipupo, N Mano, et. al. (2023). Midline growth of the sphenoid bone in primates: A histological and micro-computed tomography study. *American Journal of Biological Anthropology*, 180, 127-143. DOI 10.1002/ajpa.24653

Zinreich SJ, TD Smith, FA Kuhn, S Márquez, M Solaiyappan, W Hosemann. (2022). 3D CT Stereoscopic Imaging: Observations of the Frontal and Ethmoid Sinuses Development from birth to early adulthood. *Rhinology*, DOI: 10.4193/RHINOL/22.005

COLLEGE OF LIBERAL ARTS

BOOKS

Ambrosio, Nora. (2023). 9th edition *Learning about Dance: Dance as an Art Form and Entertainment* Kendall Hunt Publishing.

DiMarco, D. and T. Ruppert. (2023). *Avian Aesthetics in Literature and Culture: Birds and Humans in the Popular Imagination*. Lexington Rowman and Littlefield.



Edgar, S. N., & Melago, K. A. Eds. (2024). Portraits of Social Emotional Learning and Music Teacher Education: Teaching Music with Heart. GIA Publications.

Ford, M. (2022). A Brick and a Bible: Black Women's Radical Activism in the Midwest During the Great Depression. Southern Illinois University Press

Institute for Nonprofit Leadership. (2023). Rediscovering Your Story: Expressions of Grace and Gratitude on the Path to Recovery. Independently Published.

BOOK CHAPTERS

Ambrosio, Nora. (2023). Social Dance in the United States, In Dance Cultures Around the World, Human Kinetics.

Bauer, Dan and Marshall Martin.(2022). The Wal-Martification of Higher Education: Marc Bousquet's Critical Examination of Contingent Faculty and Academia's Labor Practices. The Future of American Higher Education: How Today's Public Intellectuals Frame the Debate. Ed. Joe DeVitis. Sterling, VA: Stylus, 2022. 106-118.

Peacock, S. (2023). A Negotiation of 'Home' in Gurinder Chadha's Film, Bend it Like Beckham, In Diaspora and Cultural Negotiations: The Films of Gurinder Chadha. The Rowan and Littlefield Publishing Group in London.

Silvestro, J. (2023). Generate and Enact a Writing Style, In TextGenEd. Eds WAC Clearinghouse.

BOOK REVIEW

Covey, W. (2023). Suzuki Seijun and Postwar Japanese Cinema. by William Carroll. *Historical Journal of Film, Radio, and Television* 43.2 (June 2023): 637-640.

Covey, W. (2023). Film Noir and Los Angeles: Urban History and the Dark Imaginary by Sean W Maher. *Historical Journal of Film, Radio, and Television*. 43.4, 1320-1324.

Covey, W. (2024). The Dark Interval: Film Noir, Iconography, and Affect. *Film-Philosophy* 28.1, 140-143.

ARTICLES

Culp, M. E., Svec, C., McConkey, M., Edgar, S., Hellman, D. S., Melago, K., & Smith, H. (2023). Meeting the Social and Emotional Needs of P-12 Learners: A Descriptive Study of Music Teacher Education Programs. *Journal of Research in Music Education*, 0(0). DOI [10.1177/00224294231174606](https://doi.org/10.1177/00224294231174606)

Innes, K., K. Ostoyich. (2023). The Singer of Shanghai. *Static: Thoughts and Research from Global Dis:Connect*, 2 (2), 9-59. DOI 10.5282/STATIC/47

Melago, Kathy. (2023) Involving Pre-Service Music Educators in Festivals. *PMEA News*, 88, (1).

Roth, J. J. (2022). Crime and specific vacancy types in smaller cities and towns. *Criminal Justice Studies*, 35(1), 93-109. DOI [10.1080/1478601X.2021.2006196](https://doi.org/10.1080/1478601X.2021.2006196)

Roth, J. J. (2023). Short term rentals and disorder in a cannabis tourism destination. *Criminal Justice Review*. DOI [10.1177/07340168231201798](https://doi.org/10.1177/07340168231201798)

EVALUATION OF PUBLIC AGENCIES

Roth, J. J., Ridener, R., Kuehn, S., & Champion, D. (2023). Evaluation of Butler County (PA) Day Reporting Center. *Butler County Adult Probation Department*.

BAILEY LIBRARY

BOOK CHAPTER

Brungard, A. B. (Library), Hamelers, R., Kuglitsch, R., Renerie, R.H. (2024). Reflections on Crafting an ACRL Framework Companion Document for and by Science and Technology Librarians. Eds. In, Teaching Information Literacy by Discipline. Association of College and Research Libraries.



ARTICLE

Getsay, H., Chen-Gaffey, A. (2023). COUNTER in context: A case study on journal package usage. *Journal of Electronic Resources Librarianship*, 35(3), 195-206. DOI [10.1080/1941126x.2023.2224670](https://doi.org/10.1080/1941126x.2023.2224670)

PRESENTATIONS/ARTISTIC COMMISSIONS/EXHIBITIONS/PERFORMANCES



COLLEGE OF BUSINESS

CONFERENCE PRESENTATION

Charles, F., Fleming, B., Peiritsch, A., & Strahler, D. (2023, September 29-30). Utilizing Community Based Projects in Strategic Communication and Media Courses [Conference Presentation]. Pennsylvania Communication Association Convention, Slippery Rock University.

Galbraith, Diane D., N. G. Nugueron. (2023, November 2-3). A Glimpse into the Future of Work: 2023 National Association of Business, Economics and Technology Annual Conference, Penn State University.

Galbraith, Diane D., P. Talapally. (2023, November 2-3). The Pervasive Nature of Fraud: A Study of Organizations from Pre-Post Pandemic. 2023 National Association of Business, Economics and Technology Annual Conference, Penn State University

Gias, S. (2023, November 2-3). Digital Marketing Role in Understanding, Adapting & Transforming the Business Ecosystem. 2023 National Association of Business, Economics and Technology Annual Conference, Penn State University.

Strahler, D. (2023, October 25-27). Reinforcing Inclusive Design in a Digital Media & Community-Engaged Learning Course [Conference presentation]. *International Association for Research on Service-Learning and Community Engagement Conference*, New Orleans, LA.

Walsh, C., Rathlef, J., & Strahler, D. (2024, April 7-10). Service-Learning Faculty Learning Communities as a Path Forward for Institutional Change [Conference presentation]. *Compact24 Conference*, Denver, CO.

CONFERENCE PROCEEDINGS

Forrest, J. Y., J. Wagner, J. Nightingale, H. Guo, J. Roy. (2023, June 1-3). Why Systems Science is Needed for Studies of Economics in Order to Avoid the Fallacy of Composition. *The Proceedings of the 2023 Annual Meeting of Pennsylvania Economic Association*, 1-13.

Forrest, J. Y., D. Darvishi, R. S. Clark, M. Seyedian, J. Liu (2023, June 1-3). Consumption Preferences That are Merely Reflexive. *The Proceedings of the 2023 Annual Meeting of Pennsylvania Economic Association*, 139-158.

Forrest, J. Y., K. Schimmel, F. Wang, A. Hafezalkotob, J. Liu (2022). Remarks on Production Possibilities, Optimal Production Correspondence and Conditional Factor Demand. *The Proceedings of NABET 2022 conference*, 137-155.

Forrest, J. Y., D. Darvishi, A. K. Jallow, Z. Li (2022, June 2-4). A Systemic Revisit to the Concepts of a Firm's Production, Cost and Profit. *The Proceedings of the 36th Annual Pennsylvania Economic Association 2022 conference*, 1-15. [Peer Reviewed]

Forrest, J. Y., L. Shao, J. Liu, B. W. Sloboda (2022, June 2-4). How Individuals Define Their Specific Meanings of Optimum and Construct Their Methods of Optimization, *Proceedings of the 36th Annual Pennsylvania Economic Association 2022 conference*, 16-30.



Ruiz, G. E. Soto, J. Y. Forrest, X. Han, R. E. McKinney, Jr., A. Chatterjee. (2022). The Blockchain Technology and Digital Marketing. *The Proceedings of NABET 2022 conference*, 240-253.

COLLEGE OF EDUCATION



CONFERENCE PRESENTATION

Mazzant, E. & Hall-Wirth, J. (2024). Utilizing Google Tools to Solicit Meaningful Feedback [Conference Presentation]. *Council for Exceptional Children*, San Antonio, TX.

Messina, K, Mathe, J., Mistretta, M., Gallo, M., & Grimes, E. (2024). The Relationship between Differentiation of Self and Burnout in College Counselor [Conference Presentation]. *The National Conference of the American College Counseling Association*, Orlando, FL.

Mathe, J., Messina, K. (2023). Advancing the College Counseling Profession: The College Counseling Symptom Scale Revised [Conference Presentation]. *The Pennsylvania Counseling Association Annual Conference*, Harrisburg, PA.

COLLEGE OF ENGINEERING AND SCIENCE

CONFERENCE PRESENTATIONS

Claus, A., Thomas, R., Little, R. (2023). Reflecting on Miss Norma's Journey: How the intersection of nature, choice, social connection, and experiential learning can improve quality of life for seniors [Conference Presentation]. *Slippery Rock University Recreational Therapy Conference*, Slippery Rock, PA.

Claus, A. and Thomas, R. (2023). Is the golden age your golden ticket? Harnessing the power of silver in EE [Conference Presentation]. *Pennsylvania Association for Environmental Educators Conference*, Halifax, PA.

Isacco, S., Thomas, R. (2023). Enhancing science capital through home to school connections using backyard field trip kits [Conference Presentation]. *Pennsylvania Association for Environmental Educators Conference*, Halifax, PA.

Radcliffe, T., Thomas, R. (2023). EE for people with disabilities: Equitable practices for thriving together [Conference Presentation]. *North American Association for Environmental Education Virtual Conference*.

Thomas, R., Zewe, M., Cordaro, J., Kedzierski, W., Cassidy, K., Forchette, D., Jaiswal, S., Buchanan-Wollaston, D. (SRU student) (2023). DEIJA in EE: Tools for assessing organization progress in programming. *Pennsylvania Association for Environmental Educators conference*, Halifax, PA.

CONFERENCE PROCEEDINGS

Jazaei, R., F. Azari. (2023). Utilizing. Digital Image Correlation Techniques to Determine Mechanical Properties for Soft Tissue: A Review. *The Proceedings of the International Conference in the ebook Recent Advanced Mechanical Engineering*, 451-457.

Sukhija, N. (2023). Towards a Data Provenance Collection and Visualization Framework for Monitoring and Analyzing HPC Environments. *The ACM MEDES '23: Proceedings of the 15th International Conference on Management of Digital EcoSystems*, Crete, Greece.



Sukhija, N. (2022). Towards Anomaly Detection for Monitoring Power Consumption in HPC Facilities. *The ACM MEDES '22: Proceedings of the 14th International Conference on Management of Digital EcoSystems*, Venice, Italy.

COLLEGE OF HEALTH PROFESSIONS

PRESENTATIONS

Benton, M., Jenny, S. E., & Arend, S. (2024, February 7). Physical Wellness Seminar. *Slippery Rock University Practical Wellness Seminar Series*. Slippery Rock University of Pennsylvania.

Berhens, L., Kemeny, B., et al. (July 26, 2023). Readiness to Impact: The Dignity of Risk Taking in Older Adulthood. *Center for Innovations Conference*, Pittsburgh, PA.

Decker, AD, Hughes, ME, Gursin, CJ, Edgar, BS, Hughes, CJ, Holmstrup, ME, and Dicus, JR. (2023). Changes in Loaded Carry Magnitude and its Effect on Stride Length and Core Muscle Activation. *MARC ACSM Conference*, Lancaster, PA.

Eaton-Stull, Y. (2024, February 8). Animal-assisted treatment in social work [Virtual Webinar]. *NASW*.

Eaton-Stull, Y. (2024, March 20). More than just a visit: Integrating therapy dogs into recreational therapy interventions [Conference Presentation]. *2024 Recreational Therapy Conference*. Slippery Rock University.

Eaton-Stull, Y. (2024, March 25). Animal-assisted social work [Virtual Presentation]. *Alliant College*.

Hawkins, B. & Kemeny, B. (September, 2023). Go from good to great: How to improve your competence in recreational therapy [Conference Presentation]. *American Therapeutic Recreation Association Annual Conference*, St. Louis, MO.

Jenny, S. E. (2023, August 30). Esports Education [Invited Presentation]. *Understanding the World of Esports: Esports Science Series 2023*. Manchester Metropolitan University, Manchester, UK.

Jenny, S. E., Besombes, N., & Scholz, T., (2023, October 9). Esports and the Olympic Movement: Perspectives from Academia [Invited Presentation]. *International Seminar (Visio Conference) Part 1: From traditional sports to Virtual Sports: Is Virtual Universal? Is E-Sport a Sport?*, The International Committee of Pierre de Coubertin and France National Olympic Committee of Sport, Paris, France.

Jenny, S. E., & Leis, O. (2023, October 11). Introducing the Routledge Handbook of Esports [Invited Presentation]. *Esports Research Network – Esports Research Colloquium*. Universität Leipzig, Germany.

Jenny, S. E. (2023, August 29). Navigating Esports Research and Steering the Handbook of Esports Global Project [Invited Keynote Presentation]. *Understanding the World of Esports: Esports Science Series 2023*. Manchester Metropolitan University, Manchester, UK.

Jenny, S. E. (2023, September 11). My Story: An Appalachian Trail Thru-hike [Invited Presentation]. *Grove City Public Library Book Club*. Grove City, PA.

Kemeny, B. (November 12, 2023). Community engaged learning: Competencies in higher education for empowering all ages [Conference Presentation]. *Gerontological Society of America*, Tampa, FL.

Kemeny, B., Bright, H., Digman, L., McCormack, K., Page, R., Setto, M. (November 11, 2023). Is Education enough? A Recreational Therapy Seated Yoga and Fall Prevention Intervention for Older Adults [Conference Presentation]. *Gerontological Society of America*, Tampa, FL.

Kemeny, B. (October 27, 2023). Invited. Research overview of equines and animal-assisted services with aging populations. Aging and Quality of Life: Active Inclusion through Animal-Assisted Services [Conference Presentation]. *International Association of Human Interaction Organizations*. Netherlands

Kemeny, B., Bright, H. Digman, L., McCormack, K., Page, R., Setto, M. (September, 2023). Is education enough? Seated yoga and falls prevention for older adults [Conference Presentation]. *ATRA Research Institute, American Therapeutic Recreation Association*. St. Louis, MO.



Kemeny, B., Gramlich, C., Angelini, W., & Decker, C. (September, 2023). CTRS® Incorporation of equines in Recreational Therapy practice [Conference Presentation]. *ATRA Research Institute. American Therapeutic Recreation Association*. St. Louis, MO.

Kemeny, B., McKissock, B., Hooker, T., & Gramlich, C. (September, 2023). Equine Assisted Services quality guidelines for Recreational Therapy [Conference Presentation]. *American Therapeutic Recreation Association Annual Conference*, St. Louis, MO.

Kemeny, B., & Carter, M. (September, 2023). National Academy of Recreational Therapy: Mentoring towards evidence-based practice, research, and publication in recreational therapy [Conference Presentation]. *ATRA Annual Conference*, St. Louis, MO.

Kemeny, B., Gramlich, C., Angelini, W. (July 22, 2023). What is the role of recreational therapists incorporating equines to benefit humans and how does it relate to other therapies? [Conference Presentation]. *Horses and Humans Research Foundation Annual Conference*, Centenary University, NJ.

Kemeny, B., Bright, H. Digman, L., McCormack, K., Page, R., Setto, M. (2023). Is Education Enough? Seated Yoga and Falls Prevention for Older Adults [Conference Abstract]. *The GSA Annual Scientific Meeting*. Innovation in Aging, 7 (Supp.1).

Kemeny, B. (2023). Community engaged learning: Competencies in higher education for empowering all ages [Conference Abstracts]. *The GSA Annual Scientific Meeting*. Innovation in Aging, 7(Supp.1).

Kemeny, B., Gramlich, C., Angelini, W., & Decker, C. (2023). CTRS® Incorporation of Equines in Recreational Therapy Practice [Conference Abstracts]. *American Therapeutic Recreation Association*.

Micsky, T. (2024, February 8). Building Community in the Online Classroom [Virtual Workshop]. *Professional Development Series: Faculty Leading the Change*. Walden University.

Micsky, T (2024, February 8). Grief & Loss in the Child Welfare System [Conference Presentation]., *Mississippi Child Welfare Institute 2024 Conference*. Jackson State University.

Micsky, T (2023, November 9). Returning to Work After Losing a Loved One [Invited Virtual Workshop]. *Faculty Development Series*. Northern Oklahoma College,

Micsky, T, Leet, T. (2023, October 25). Connecting to Nature for Self-Care and Wellness [Workshop]. *National Association of Social Workers Pennsylvania Chapter Annual Conference*, Pocono Manor, PA.

Micsky, T, Leet, T. and Hays, D. (2023, October 22). Focus on Self-Care: Make a Vision Board. [Invited Workshop]. *National Association of Social Workers Pennsylvania Chapter Annual Conference*, Pocono Manor, PA.

Micsky, T, Leet, T. (2023, September 27). Trauma-informed conversations--the Benefits and Barriers of Self-care for the Social Service Professionals [Invited Workshop]. *Trauma-Informed & Resilient Communities Conference*, Edinboro, PA.

Micsky, T (2023, September 13). Grief in Family Systems, Part II: Interventions [Invited Webinar/Course]. *Continued.com*, Social Work.

Micsky, T (2023, February 15). *Trauma Informed Self Care* [Invited Webinar/Course]. *Continued.com*, Social Work.

COLLEGE OF LIBERAL ARTS

ARTISTIC COMMISSIONS AND INVITED PERFORMANCES

Colby, G. (2023, April 4-9). Tina Turner National Tour, Benedum Theatre [Invited Performances]. Pittsburgh, PA.

Galligan-Stierle, A. (2023). The Baker In Into the Woods [Invited Performance Lead Role]. *Rev Theatre*, Auburn, NY.



Galligan-Stierle, (2023). A. Benny Southstreet In Guys and Dolls [Invited Performance Lead Role], *Pittsburgh Civic Light Opera*, Pittsburgh, PA.

Griffin, D. (2023, August 3-5). Thick Like Me: The Dawn of Body Liberation [Dance Exhibition]. *Urban Arts Space*. Columbus, Ohio

Griffin, D. (2023, May 18-20). Unravel - Hold - Release. The Governor's School for the Arts [Choreographic Commission]. *The Brock Theatre: Susan S. Goode Fine & Performing Arts Center*, Virginia Wesleyan University.

Griffin, D. (2023, April 12-15). Radiance [Choreographic Commission]. *Old Dominion University Theatre*.

Hasenpflug, A. (2023, June 5-July 22). Del Ward, West Oxking, Gerri Houlihan, Jordan Kriston, Matt Pardo at the *American Dance Festival* [Music Commission]. Durham NC.

Hasenpflug, A. (2023). The Conversation Series: Stitching the Geopolitical Quilt to Re-Body Belonging [Music Commission], Performed in Horton Bay MI, Lafayette LA, Ucross WY, Carbondale CO, Denver CO, Albuquerque NM.



Hasenpflug, A. (2023, August 15-16). Show Queen (collaborative work with Jesse Factor and Scott Andrew) [Music Composition and Performance], Erme, France.

Holt, M. (2023, April 13-16). Harrisburg Symphony Orchestra [Trumpet Performance], Harrisburg, PA.

Holt, M. (2023, May 29). ICE Chamber Ensemble [Trumpet Performance], Pittsburgh, PA.

Holt, M. (2023, June 2-4). Northeastern PA Philharmonic [Trumpet Performance].

Jeong, Y. (2023). Chigiana International Music Festival in Italy [Invited Conductor]. Siena, Italy.

Jeong, Y. (2023). Wheeling Symphony Orchestra [Invited Conductor]. 4th of July Concert.

Keller, J. (2023, March 31-April 10). Constructed Sight International Film Festival [Film Adjudicator/Editor]. *Oaks Theater*, Oakmont, PA.

Kouwe, E. (2023, January 6). From Underneath in collaboration with playwright Mary Beth Brooker [Dance Performance]. *A.P.E Gallery*.

Kouwe, E (2022, October 12). To Carry in collaboration with Adriana Piantedosi [Dance Performance]. *Workroom Theater*, Northampton, MA.

Kouwe, E. (2022, December 2). Somos in collaboration with Gaby Hernández [Dance Performance]. *Kendall Theater*.

Kush, J. (2023). Finally Friday [Album]. Published by MCG Jazz: Pittsburgh, PA.

Kush, J. (2023, August 27). Jason Kush Quartet [Professional Ensemble Performance], *Allegheny County Parks Summer Concert Series*, Hartwood Acres, Pittsburgh, PA.

Kush, J. (2023). Billy Strayhorn: Something to Live For [Band Performance].

Mani, J. (2023). 127th Arangetram [Choreographic Commission]. *August Wilson African American Cultural Center*.



Mani, J. (2023). Jaya School of Bharatanatyam from the Sri Venkateswara Temple for India Independence Day [Dance Performance], *Cathedral of Learning*, University of Pittsburgh.

Payne, U. (2023, April 21-23). Daughters of the Hill: Take My Hand. . . Lead Me On [Choreographic Commission]. The Hill Dance Academy, *August Wilson African American Cultural Center*. Pittsburgh, PA.



Payne, U. (2022, December 14-18). Moon Tides: Rituals for the People [Choreographic Commission]. Point Park Conservatory Dance Company. *George Rowland White Performance Center*, Pittsburgh, PA.

Ruppert, T. (2023, September 6). Neither Here Nor Elsewhere—a Two-Act Play [Playwright], *Pittsburgh International and Classical Theatre/PICT*, Pittsburgh, PA.

Ruppert, T. (2023, July 27-August 6). Serenade—A Two-Act Play [Playwright], The Summer Company, Pittsburgh, PA.

Ruppert, Timothy (2023, March 23-April 2). Serenade—A Two-Act Play [Playwright], Duquesne University Red Masquers, Pittsburgh, PA.

Viatori, L. (2023, Sept 9). Giovanni's Room [Invited Guest Artist], Ballet Ashani. *The Van der Hayden Theater* at DUKE University, Durham, NC.

Westman, B. (2023). Maxifier III, International Art Printmaking Exhibition, Bangkok Art City and 6960 Art Space Gallery, Bangkok, Thailand.

CONFERENCE PRESENTATIONS

Covey, W. (2023, July 19-21). Myth and the Berlin School Aesthetic: Transit and Undine [Conference Presentation]. 77th Annual University Film and Video Association (UFVA) Conference, Georgia Southern, Savannah, GA.

Roth, J. J. and Reinhard, D. (March 2024). Concentration of Crime and Disorder Among Short Term Rentals [Conference Presentation]. *Academy of Criminal Justice Sciences Annual Meeting*.

Roth, J. J. (June 2023). Short Term Rentals and Disorder in a Cannabis Tourism Destination [Conference Presentation]. *Northeastern Association of Criminal Justice Sciences Annual Meeting*.

Holler, T., Roth, J. J., Arthurs, S., and Jachimowski, K. (2023). Reimagining Criminal Justice Programs [Discussion]. *Roundtable at the Pennsylvania Association of Criminal Justice Educators Annual Meeting*.

Westman, B. (2023). International Collaborations in The Studio Course Curriculum: Analysis of Cultural and Visual Perspectives. Long Term Impact on Students [Conference Presentation]. *Eighteenth International Conference on the Arts in Society*, Jagiellonian University, Kraków, Poland.

Westman, B. (2024). Community Building Through Art [Conference Panel]. *The Mid America College Art Association virtual conference*.

OTHER CONTRIBUTIONS

Covey, William (2023, July 19-21). The Mythic Power of Cinema [Session Moderator]. 77th Annual UFVA Conference. Georgia Southern Armstrong Campus, Savannah, GA.



BAILEY LIBRARY

PRESENTATIONS

Brungard, A. B. and Zanin-Yost, A. (2023, March 18). Teaching open resources: Propelling students' information practices [Poster]. *Association of College and Research Libraries (ACRL) annual meeting*, Pittsburgh, PA.

Brungard, A. (2024, April 4). Library Space Assessment on a Shoestring [Virtual Presentation]. *The annual meeting of the State System of Higher Education Library Consortium*.

RESEARCH ACTIVITIES/ACCOLADES

COLLEGE OF BUSINESS

GRANT AWARD

Bui, Thuy and Jirasakuldech, Benjamas (2024). Comprehensive Analysis of the Supply, Demand, and Affordability of Senior Housing in Rural Pennsylvania. Awarded \$15,000 grant award from Center for Rural of Pennsylvania.

COLLEGE OF EDUCATION

GRANT AWARD

Hall-Wirth, J. E.J. Bieniek, T. Mild, A. Rose, K. Leckenby, R. Barger-Anderson, A. Rineer-Hershey (2023). Awarded \$100,000 from the Pennsylvania Department of Education's Accelerated Program for PK-12 Special Education Teacher Certification Grant.

COLLEGE OF HEALTH PROFESSIONS

GRANT AWARD

Dicus, JR, Decker, AD, and Fagley, JM. (2023). *Comparison of Two Equally Loaded Carries: Farmer's vs. Zercher*. Awarded-\$4,975 SRU Faculty Student Research Grant.

Eshak, T. (2024). HIV Testing Behavior in College Students: Prevalence and Associated Factors. Awarded \$4,880 Faculty-Student Research Grant (FSRG).

RESEARCH ACTIVITY

Cook, A. B., & Gault, A. L. (2022) - Occupational Therapy's Role in Rehabilitation after Burn Injury. Colibri Group. Published short course on burn rehab.

Bazyk, S., Romaniw, A., Virone, M & J., Rupp, T. (2022). Occupational Therapy's Role as SISPs Under ESSA. *ESSA OT Advocacy Network*.

COLLEGE OF LIBERAL ARTS

ART EXHIBITION

Barbara W. (2024, January 22-February 29). INFLUENCES [Art Exhibition]. Martha Gault Art Gallery, Slippery Rock University.



ROCK EXPO COMMITTEE MEMBERS

From left, Padma Anand, Joseph Losko, Jialing Wang, Amy Rickman, Jeffrey Forrest, Benjamas Jirasakuldech and Hye Ryung Won.

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