



International Association for
Computer Information Systems

63rd Annual International Conference

October 4 - 7, 2023

Conference Program

***Conference Theme:
Cybersecurity Governance, Risk, and Compliance***



WELCOME

Welcome to our 63rd annual international conference. We are very pleased to meet with you at the beautiful Sheraton Hotel Sand Key Resort in Clearwater Beach, Florida. Again, this year, we offered an asynchronous option for presenters, designed for faculty and graduate students from a distance and those with limited travel budgets. We are happy to share that we had submissions from over 300 authors from numerous countries throughout the world, encompassing five of the seven continents.

This year's theme for IACIS 2023, "Cybersecurity Governance, Risk & Compliance", generated significant interest from authors for full papers, panels, and presentations. Topics range from artificial intelligence and machine learning, automation, and robotics, blockchain technology, AI developments and advances, cybersecurity, cybersecurity educational developments, the use of ChatGPT and other AI-assisted learning tools in the classroom, and many more thought-provoking research papers.

Participation in the IACIS conference provides added benefits. All submissions undergo a double-blind peer review process. High-ranking research and pedagogy full papers are selected for presentation at the IACIS conference and published in Issues in Information Systems (IIS) and accessed at IACIS.org. IIS is a Scopus, open access double-blind refereed, serial journal publication of IACIS that is registered with the U.S. Library of Congress (ISSN 1529-7314) and listed in the current Edition of Cabell's Directory of Publishing Opportunities in Management and Marketing, DOAJ, URICHS Web, and The Index of Information Systems Journals.

Additionally, all paid registrants will receive one full-year subscription starting in 2024 to our flagship journal, The Journal of Computer Information Systems. JCIS, first published in 1960, is a Web of Science SCI journal and can be accessed at <https://www.tandfonline.com/toc/ucis20/current>.

As the result of an initiative that started 4 years ago, we have also had highly successful international European conferences that have allowed authors to disseminate their research on an international basis. The IACIS Board intends to continue this initiative in the future with an eye toward expanding into other continents.

The IACIS board members thank you for contributing to the 63rd Annual IACIS Conference and for your continued support. We look forward to lively and meaningful presentations, discussions, and collegial networking.

ACKNOWLEDGMENTS

We would like to express our appreciation to the Taylor & Francis team for their year-round support of the conference and JCIS.

Join Us Next Year

IACIS 2024

October 2 – 5, 2024



**One Ocean Resort and Spa
Atlantic Beach, Florida**

Beach front access

**See the Call for Proposals
at the end of the conference program.**

IACIS EXECUTIVE BOARD MEMBERS

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Daryl Nord

**Director of Publications
& Treasurer**

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**Vice President
& 2023 Conference Chair**

Kevin Floyd

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EXHIBITORS

We invite you to please visit them near the IACIS registration table.



SPONSOR



REMEMBERING DR. SUSAN HAUGEN-BEHLING

The IACIS family reflects with gratitude the many years of service Dr. Susan Haugen-Behling dedicated to the members of IACIS. Her hard work, smile, and welcoming attitude will always be remembered.

Formerly of Foley, AL and Eau Claire, WI, Susan passed away peacefully surrounded by her loving family Wednesday, June 21, 2023 at Mercy Hospital in Oshkosh.

Susan was born August 9, 1951, in Barron, WI to Malcolm and Violet Neuman Mickelson. Susan was the oldest of four children, growing up on a dairy farm in Ridgeland. She excelled in school and was the valedictorian of her graduating class of 1969 at Barron High School. Susan followed her mother's footsteps by enrolling in the University of Wisconsin Eau Claire teacher education program, graduating Magna Cum Laude in three years. After two years of teaching business at Chetek high school, Susan joined the accounting staff at the University of Wisconsin Stout, advancing over the next six years to chief accountant for federal grants. While at UW Stout she completed a master's degree and was selected to receive a federal grant to pursue a doctorate. She packed up her three small children and moved to Stillwater, Oklahoma, enrolling in Oklahoma State University's graduate school.



Upon completing her doctorate Susan accepted a teaching position at Drake University in the accounting department, but the call of Wisconsin was strong, and when an opening occurred at her alma mater, she applied, was accepted, and joined the accounting department at UW Eau Claire. She taught there for more than 20 years, obtaining recognition as Certified Management Accountant and Certified Internal Auditor. As a faculty member she served tirelessly as faculty advisor for Beta Alpha Psi, the national honorary fraternity for accounting students, and served on the Beta Alpha Psi National Board of Directors. Ever cognizant of the need to keep close contact with the business community, she served on the Board of Directors of Royal Credit Union for 17 years.

Susan was regularly recognized by her university for her excellence in teaching but also understood that research and scholarship play a role in both the classroom and her personal growth. She regularly had her research published. Her scholarship brought her to the forefront of a number of professional organizations where she assumed a leadership role.

Susan served on the Board of Directors and was elected President of the Midwest Business Administration Association and was elected President twice of the International Association for Computer Information Systems. Upon completing her elected positions Susan was appointed treasurer of IACIS, a job she held for almost 30 years.

Susan loved to travel, see new places, and interact with new cultures. During her teaching career she explored Australia, Hawaii, Canada, China and Mexico. After retirement she

enjoyed cruises through the Inside Passage to Alaska, around the Hawaiian Islands, down the Danube River, and on the Aegean Sea and Baltic Sea. She visited many countries including the British Isles, the Scandinavian countries, Russia, Belize, Taiwan, Greece, Turkey, Portugal, Italy, and many others. She walked on the Great Wall of China, attended a European Music Festival in Slovenia, saw a play in Piccadilly Square, enjoyed Thanksgiving dinner in Croatia, visited the Vatican, and much more. She enjoyed spending time with her husband, daughters, grandchildren, and great-grandchildren, but during her last few years as her Parkinson's progressed, it made travel difficult.

Susan leaves behind a husband of 20 years, longtime IACIS Executive Director, Robert Behling; three daughters: Andrea Lee, Lori (Bruce) Gansberg, and Bobbi Jo (Andy) Kunz; 8 grandchildren: Patrick (Briana) Lee, Ashley, Brent, Jenna Gansberg, Marissa Haugen, Makenna, Maranda, and Wesley Kunz; 3 great-grandchildren: Addyson, Kambree, and Easton Lee; three brothers: Robert (Bonnie) Mickelson, Steven (Marie) Mickelson, and Jerome (Paula) Mickelson; special family friend DeWayne(Linnea) Mueller; three step-children: Ann (James) Kildrow, Chris (Diana) Behling, and Paul (Wendy) Behling; and many nieces, nephews, family and friends.



CONFERENCE OVERVIEW

Wednesday, October 4, 2023		Location	
6:00 - 8:00 p.m.	Registration & Welcome Reception	Poolside Grass	
Thursday, October 5, 2023		Location	
8:30 a.m. - 3:00 p.m.	Registration & Exhibitors	Lobby III – 1 st Floor	
8:30 - 9:30 a.m.	Keynote Address, Welcome & Breakfast	Island II – 1 st Floor	
9:40 - 10:40 a.m.	Concurrent Presentation Sessions	Conch – 6 th floor Starfish – 7 th floor	Sand Dollar – 8 th floor Skyview – 9 th floor
10:50 - 11:50 a.m.	Concurrent Presentation Sessions	Conch – 6 th floor Starfish – 7 th floor	Sand Dollar – 8 th floor Skyview – 9 th floor
12:00 p.m. – 1:30 p.m.	Lunch	*On our own*	
1:40 p.m. – 2:40 p.m.	Concurrent Presentation Sessions	Conch – 6 th floor Starfish – 7 th floor	Sand Dollar – 8 th floor Skyview – 9 th floor
2:40 p.m. – 3:00 p.m.	Networking Coffee Break	Lobby III – 1 st Floor	
3:00 p.m.- 4:00 p.m.	Concurrent Presentation Sessions	Conch – 6 th floor Starfish – 7 th floor	Sand Dollar – 8 th floor Skyview – 9 th floor
5:00 p.m. - 8:00 p.m.	Fun Night	Sheraton Beach near Tennis Courts	
Friday, October 6, 2022		Location	
8:00 a.m. - 3:00 p.m.	Registration & Exhibitors	Lobby III – 1 st floor	
8:00 - 9:00 a.m.	Breakfast	Island II – 1 st floor	
9:00 a.m. - 10:00 a.m.	Concurrent Presentation Sessions	Conch – 6 th floor Starfish – 7 th floor	Sand Dollar – 8 th floor Skyview – 9 th floor
10:10 a.m. - 11:10 a.m.	Concurrent Presentation Sessions	Conch – 6 th floor Starfish – 7 th floor	Sand Dollar – 8 th floor Skyview – 9 th floor
11:20 a.m. – 12:30 p.m.	Awards Luncheon	Island II – 1 st floor	
12:30 p.m. – 1:30 p.m.	Concurrent Presentation Sessions	Conch – 6 th floor Starfish – 7 th floor	Sand Dollar – 8 th floor Skyview – 9 th floor
1:30 p.m. – 1:50 p.m.	Networking Coffee Break	Lobby III – 1 st floor	
1:50 p.m. – 2:50 p.m.	Concurrent Presentation Sessions	Conch – 6 th floor Starfish – 7 th floor	Sand Dollar – 8 th floor Skyview – 9 th floor
3:00 p.m. – 4:00 p.m.	JCIS Editorial Board Meeting	Conch – 6 th floor	

Saturday, October 7, 2023		Location
8:00 - 10:00 a.m.	Registration & Exhibitors	Lobby III – 1 st floor
8:00 - 9:00 a.m.	Breakfast	Island II – 1 st floor
9:10 - 10:10 a.m.	Concurrent Paper Sessions	Conch – 6 th floor Starfish – 7 th floor Sand Dollar – 8 th floor Skyview – 9 th floor
10:20 - 11:20 a.m.	Concurrent Paper Sessions	Conch – 6 th floor Starfish – 7 th floor Sand Dollar – 8 th floor Skyview – 9 th floor
11:30 a.m. - 12:00 p.m.	Conference Debriefing & Prizes	Conch – 6 th floor

PRESENTATION SESSIONS

IN-PERSON PRESENTATIONS

PRESENTATION DURATION

There will be 3 presentations during each 1-hour presentation session. Each presentation will be **20 minutes, including questions/answers**.

Panels and workshops will have 1 hour for the session.

IMPORTANT:

- To facilitate the presentation process, we ask that all presenters be in the presentation room at least 5 minutes before each session.
- If you are a presenter, please present in the order listed in the schedule below.

Attendees will go in and out of the rooms based on the presentations they want to see. They will expect to see the presentations in the order in which they are listed in the conference schedule.

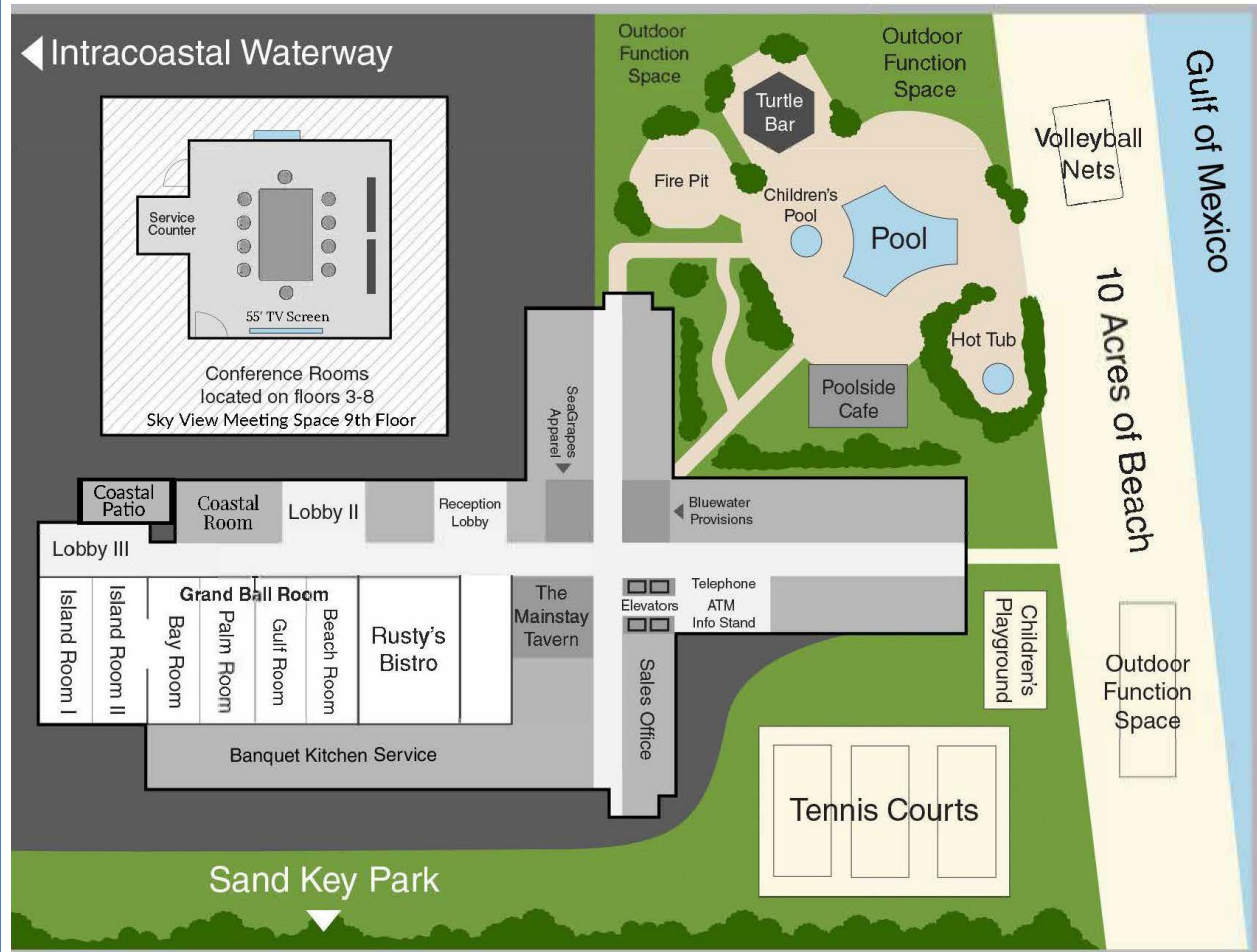
Session Chairs will be available to help keep the time for each presentation.

ASYNCHRONOUS PRESENTATIONS

This year, an asynchronous presentation option was offered to facilitate participation for those who could not travel to attend the conference in person. Authors of these presentations were asked to submit a slide presentation or video of their presentation before the conference. A list of virtual presentations is provided on page 37.

These presentations can be viewed anytime between October 4-7, 2023, at:
<https://virtual.iacis.org>.

HOTEL MAP



Break Out Session Rooms

The breakout session rooms are on different hotel room floors. They are:

- Conch - 6th floor
- Starfish - 7th floor
- Sand Dollar - 8th floor
- Skyview - 9th floor

JOIN US FOR FUN NIGHT!

Thursday, October 5, 2023

5:00 p.m. - 8:00 p.m.

Sheraton Beach – Near the Tennis Courts



Join us for an evening of dinner and a dazzling Polynesian dance show. Get ready for a night of food, fun, and entertainment.

Fun Night is included in the conference registration!

KEYNOTE ADDRESS SPEAKER

FREDERICK G. KOHUN, PH.D.

The Changing Landscape of the IS Profession: Evolution or Revolution



Frederick G. Kohun, Ph.D., University Professor of Computer and Information Systems at Robert Morris University in Pittsburgh, Pennsylvania has more than 40 years of experience as a professor and academic administrator (department head, associate dean, dean, and associate provost), and as well as the founding director of the doctoral program in Information Systems and Communication. He holds a bachelor's degree in economics from Georgetown University, graduate degrees in economics and information science, from the University of Pittsburgh, and a Ph.D. in applied history in technology from Carnegie Mellon University.

At Robert Morris University he led the design and implementation of eight technology based academic programs at the undergraduate and graduate level (including the ISC doctoral program) as well as the first-round attainment of ABET-CAC accreditation. He is known both nationally and internationally from his numerous publications and presentations in economics, health informatics, decision support, knowledge management, technological impact, and culture. Additionally, he is an established faculty member in the Ph.D. Program in Knowledge Management at the International School of Social and Business Studies in Celje, Slovenia.

Currently, he is active internationally as an accreditation evaluator and team leader having participated in more than 22 accreditation visits. In the past he was named the International Computer Educator of the Year by the International Association of Computer Information Systems. Also, he was recently honored by his doctoral student with an endowed doctoral scholarship fund under his name. Furthermore, Dr. Kohun has been recognized and named a Fellow and Distinguished Scholar by the International Institute for Applied Knowledge Management.

IACIS AWARDS OVERVIEW

With the awards described below, each year, IACIS recognizes individuals who have made significant contributions to Information Systems and related fields through scholarship, research, publication, curriculum and program development, and service.

Computer Educator of the Year

The *Computer Educator of the Year* is the highest award given by the Association, and competition for the award is keen. Candidates show exceptional research and teaching skills, have made significant contributions to IS and IS education, and enjoy a national or international reputation for their outstanding work throughout the professional community. Recent recipients have included curriculum innovators, leaders in the field of artificial intelligence and IS management, and publishers of learning materials that have significantly impacted the educational community. Nominations for the *Computer Educator of the Year* are accepted from September until March. The award is presented at the annual conference in the fall.

Ben Bauman Award for Excellence

Ben Bauman was a long-time member, officer, Director, and contributor to IACIS, and a member of the faculty at James Madison University. Ben made it his life's work to contribute to his profession and university and to mentor junior faculty and help them realize their potential. He passed away suddenly, and in recognition of his years of service and contributions, IACIS established an award in his honor.

The *Ben Bauman Award for Excellence* recognizes faculty excellence and service. Candidates for the *Ben Bauman Award* include senior faculty with significant service to their profession, university, and community. Examples of service include taking a leadership role in professional organizations, assuming significant committee responsibilities and serving the community through civic, church, and other activities. While research and scholarship are important activities for all faculty, the major emphasis when reviewing senior faculty nominations for the *Ben Bauman Award* is on significant and long-term service.

The second category of candidates includes junior faculty showing outstanding scholarship, service, and great promise. It is expected that candidates in this category will not have a long record of scholarship and service but will have recognizable achievements. The major emphasis when reviewing junior faculty nominations for the *Ben Bauman Award* is on the candidate's potential and promise for a significant academic career.

Nominations are accepted for both junior and senior faculty, with one candidate from all nominations selected each year to receive the award. Nominations for the *Ben Bauman Award for Excellence* are accepted from September until March and presented at the annual conference in the fall.

Best Paper Awards

Two awards for the best paper are awarded at the annual conference. Based on the results of the peer reviews, the paper is selected from those submitted for presentation at the conference. There is no nomination for this award and all papers accepted for presentation at the conference are candidates.

Doctoral Research Awards

The Doctoral Research Award recognizes an outstanding research paper submitted by a doctoral student to the IACIS Annual Conference. Based on the results of the peer reviews, the paper is selected from those submitted for presentation at the conference. There is no nomination for this award and all papers accepted for presentation at the conference are candidates. The author(s) will receive recognition at the Award's Ceremony luncheon during the conference.



This symbol in the Conference Program designates that the presentation is a recipient of one of the awards above.

AWARD RECIPIENTS

Computer Educator of the Year

Ewa Ziemba



Ewa Ziemba is a Full Professor of Management at the University of Economics in Katowice, Poland. Her research primarily revolves around information systems and technologies for business, public administration, and sustainable development. She is recognized as one of the leading figures in the development of a multi-dimensional approach to achieving a sustainable information society. At the early stage of her academic career, she worked as a software engineer and information system project manager.

Ewa Ziemba has authored over 250 peer-reviewed papers, 3 books, and 26 edited volumes, with publications including prestigious publishers such as Springer, CRC Press Taylor & Francis, and Cambridge Scholars Publishing. Her research articles have been featured in renowned journals like *Journal of Computer Information Systems*, *Information Systems Management*, *Information Technology & People*, and *Sustainable Cities and Society*. In 2021, she was recognized on the list of top-cited scientists, ranking among the top 2% cited scientists, a distinction developed by Stanford University, Elsevier, Scopus, and SciTech.

Ewa Ziemba has served as a coordinator and principal investigator for over 40 esteemed Polish and international research projects. Currently, she is commencing the implementation as a coordinator of a 3-year project entitled "Trustable and Sustainable Open Platform for Smart Honey Value Chains," which is being carried out in an international consortium and funded by the European Union under the 2022 ICT-AGR-FOOD program.

She is recognized as a research expert by institutions such as the National Centre for Research and Development in Poland, the Academy of Finland, The Malta Council for Science and Technology, the Science Fund of the Republic of Serbia, and the Norwegian University of Science and Technology. She has also served as the co-editor of special journal issues, organized tracks and sessions at leading conferences, and acted as the conference and program co-chair for several international conferences, including *Conference on Computer Science and Intelligence Systems FedCSIS* under IEEE. Ewa Ziemba has extensive experience in delivering training, guest lectures, and keynote speeches at prestigious international conferences. She has successfully supervised 4 Ph.D. students and more than 200 master's/bachelor's students, with ten of them receiving awards for their work.

She serves as an editor and reviewer on the editorial boards of various international journals. She is the Editor-in-Chief of *Journal of Economics and Management*,

Associate Editor-in-Chief of *Interdisciplinary Journal of Information, Knowledge, and Management*, and Associate Editor of *Journal of Computer Information Systems*. She is a reviewer for many prestige journals, e.g., *Technological Forecasting & Social Change*, *International Journal of Information Management*, *The International Journal of Advanced Manufacturing Technology*, *Information Technology & People*, *Government Information Quarterly*, *Environment, Development and Sustainability*, *Technology in Society*.

The academic world highly values and acknowledges the work of Ewa Ziembka, along with her significant contributions to the academic community. In 2021, she was elected an ordinary member of the European Academy of Sciences and Arts (EASA) in Salzburg (Class V, Social Sciences, Law, and Economics). She has received numerous awards in recognition of her outstanding research achievements, contributions to the development of young academic staff, and her dedication to the scientific community. These awards include the *Prize of Polish Minister of Science and Higher Education for Excellent Research Achievement*, *The Excellence in Research & Scholarship Award*, and *Fellow & Distinguished Scholar Award* from The International Institute for Applied Knowledge Management, and *Mark Car Awards 2022 for outstanding achievements in creating conditions for the development of the information society* from e-Forum of Teleinformatics in Poland. Additionally, she has received 26 *Awards from the Rector of the University of Economics in Katowice*, 10 *Best Research Paper Awards*, and 6 *Silver and Bronze Journal Editor Awards*.

Ben Bauman Award for Excellence

Peter Cardon

Peter Cardon is a professor of business communication at the University of Southern California. His teaching and research are at the intersection of communication, culture, and technology. Across his career, he has been gratified to collaborate with so many wonderful people. He has worked with over one hundred co-authors/co-presenters in his academic publications and presentations.



Peter has published much of his research about virtual teams and social media in outlets such as the Journal for Computer Information Systems, Issues in Information Systems, International Journal of Business Communication, and Business and Professional Communication Quarterly.

Over the past five years, the primary focus of his research has been the impact of artificial intelligence on communication and collaboration. With the rapid adoption of generative AI, he is now working with global partners on projects about AI adoption, the impact of AI on interpersonal relationships, and AI literacy in the workplace. He is leading the effort at the Marshall School of Business to train professors in AI and guiding the discussion about how to integrate AI into teaching and learning.

IACIS has been a professional home for Pete since he first attended an IACIS conference in Vancouver, Canada in 2007. He has always felt IACIS has a unique focus on research-driven teaching and a fantastic camaraderie among its members. He feels indebted to IACIS for fostering a community of dedicated members in the discipline. He also appreciates that IACIS creates a space for cross-disciplinary research.

One of Peter's main professional and personal interests is building cross-cultural ties. He has spent three years working in Greater China (mainland China, Taiwan, and Hong Kong). He has hosted about 20 international visiting scholars for yearlong visits at his institutions (University of Southern California and University of South Carolina). He co-founded and co-leads the Virtual Business Professional program. For the past ten years, this program has allowed university students from across the world to participate in virtual teams on client projects. University students from over 30 universities in over 15 countries have participated in the program.

Peter loves the ability of higher education to make the world a closer place. Peter spends much of his free time as a Rotarian. Rotary is an international organization that focuses on humanitarianism and service. There are clubs in more than 220 countries. Peter has collaborated with Rotarians in Mexico, the Dominican Republic, and Colombia on service and educational projects. He believes the Rotary motto "Service Above Self" is an ideal worth aspiring to.

Best Paper Awards

TEN YEARS OF CYBERSECURITY GOVERNANCE, RISK AND COMPLIANCE: A BIBLIOMETRIC EXAMINATION OF RESEARCH THEMES, TRENDS, AND INFLUENCERS

Rahul Dwivedi

Texas A&M University – Central Texas

ACCURACY AND DETECTION OF STUDENT USE OF CHATGPT IN BUSINESS ANALYTICS COURSES

Lauren Laker

Xavier University

Mark Sena

Xavier University

Doctoral Research Awards

CYBERSECURITY AWARENESS IN HIGHER EDUCATION: A COMPARATIVE ANALYSIS OF FACULTY AND STAFF

Jonathan Hobbs

Georgia Southwestern State University

THE IMPACT OF UNPLANNED SYSTEM OUTAGES ON CRITICAL NATIONAL INFRASTRUCTURE SECTORS: A CYBERSECURITY PERSPECTIVE

Dessu Sam

Marymount University

Xiang Liu

Marymount University

A NARRATIVE REVIEW OF ADVANTAGEOUS CYBERSECURITY FRAMEWORKS AND REGULATIONS IN THE UNITED STATES HEALTHCARE SYSTEM

Mustafa Abo El Rob

Middle Georgia State University

ASSESSING THE EFFECTIVENESS OF AN ARTIFICIAL INTELLIGENCE TUTORING SYSTEM FOR IMPROVING COLLEGE-LEVEL MATHEMATICS PREPAREDNESS IN HIGH SCHOOL STUDENTS

Jenny Nehring

Utah Valley University

Patricia Moyer-Packenham

Utah State University

Matthew North

Utah Valley University

MOVING DATA DOWN THE ROAD: A SYSTEMATIC REVIEW OF INFORMATION PRIVACY CONCERN FOR INTERNET-OF-THINGS CONNECTED AUTOMOBILES

Brad Fowler

Dakota State University

Omar El-Gayar

Dakota State University

CONFERENCE SCHEDULE

Wednesday, October 4, 2023

6:00 - 8:00 p.m.	Registration	Sheraton, Poolside Grass
5:00 - 8:00 p.m.	Welcome Reception	Sheraton, Poolside Grass

Thursday, October 5, 2023

8:00 a.m. - 3:00 p.m.	Registration & Exhibitors	Lobby III – 1 st Floor	
8:30 - 9:30 a.m.	Welcome, Keynote Address, and Breakfast	Island II – 1 st Floor	
9:40 – 4:00	Concurrent Presentation Sessions	Conch 6 th Floor	Sand Dollar 8 th Floor
		Starfish 7 th Floor	Skyview 9 th Floor
12:00 – 1:30	Lunch	* On your own *	
2:40 – 3:00	Networking Coffee Break	Lobby III – 1 st Floor	
5:00 – 8:00	Fun Night	The Beach near Tennis Courts	

Thursday, October 5, 9:40 a.m. – 10:40 a.m.

Room: Conch – 6 th floor Session Chair: Leila Halawi	Room: Sand Dollar Session Chair: Aaron Glassman
CASE STUDY: EXPLORING THE ROLE OF CURRENT AND POTENTIAL USAGE OF GENERATIVE ARTIFICIAL INTELLIGENCE TOOLS IN HIGHER EDUCATION Vasilka Chergarova Florida International University Mel Tomeo Purdue Global University Lauren Provost Western Governors University Gretel De la Pena Florida International University Anthony Ulloa Florida International University	INCREASING STUDENT AGENCY WITHIN COURSES VIA ASSIGNMENT TRACKS Jonathan Leidig Grand Valley State University leidijon@gvsu.edu TRAINING K-12 TEACHERS TO DELIVER CLOUD COMPUTING CONTENT: A CASE STUDY Jameela Aljaroodi Robert Morris University Natalya Bromall Robert Morris University Maria Kalevitch Robert Morris University Cheryl Maurer Robert Morris University

David Miranda
Florida International University

**A QUANTITATIVE STUDY ON THE USAGE
OF A CRYPTOGRAPHIC SOFTWARE TOOL
FOR DATA AND COMMUNICATIONS
ENCRYPTION**

Mel Tomeo
Purdue Global University

Wilfred Mutale
Duquesne University

Matthew Kisow
Community College of Allegheny County

John Scarpino
Washington State University

Vasilka Chergarova
Florida International University

**THE GDPR AND UK GDPR AND ITS IMPACT
ON US ACADEMIC INSTITUTIONS**

Leila Halawi
Embry Riddle Aeronautical University

Alpesh Makwana
Embry Riddle Aeronautical University

Vicki Donne
Robert Morris University

**FROM DEFENSE TO RESILIENCE: PIVOT YOUR
PARADIGM TO WIN THE LONG CYBERWAR**

Michael Wills
Embry-Riddle Aeronautical University

Aaron Glassman
Embry-Riddle Aeronautical University

Denise Bollenback
Embry-Riddle Aeronautical University

Thursday, October 5, 9:40 a.m. – 10:40 a.m.

Room: Starfish – 7th Floor
Session Chair: Christian F. Libaque-Saenz

**TESTING CAREDEX: SAGAT
METHODOLOGY DEPLOYED FOR A
DISASTER DRILL AT A SENIOR LIVING
COMMUNITY**

Nnenia Campbell
University of Colorado, Boulder

Christopher Davison
Ball State University

Ronald Eguchi
ImageCat Inc.

Room: Skyview – 9th Floor
Session Chair: Matthew North

**THE INFLUENCE OF GENDER AND
ACCEPTANCE OF VR CYBERSECURITY
TRAINING PLATFORMS**

Shaila Rana
Purdue University Global

Rhonda Chicone
Purdue University Global

Lisa Gibbs
University of California, Irvine

Julie Rousseau
University of California, Irvine

Nalini Venkatasubramanian
University of California, Irvine

THE RELATIONSHIP BETWEEN DIGITAL TRANSFORMATION, FINANCIAL SUPPORT, AND INNOVATION IN HIGHER EDUCATION INSTITUTIONS: EVIDENCE FROM PERUVIAN UNIVERSITIES

Anthony Javier De Jesus Wong-Galvez
Universidad del Pacifico,

Christian Fernando Libaque-Saenz
Universidad del Pacifico

CRITICAL FACTORS FOR DIGITAL WALLET CONTINUED USAGE INTENTION DURING PANDEMIC IN THE PERUVIAN CONTEXT

Luis Angel Inciso-Vera
Universidad del Pacifico

Christian Fernando Libaque-Saenz
Universidad del Pacifico

THE INFLUENCE OF TRADITIONAL CYBERSECURITY TRAINING ON USER ATTITUDES TOWARDS VR CYBERSECURITY TRAINING

Rhonda Chicone
Purdue University Global

Shaila Rana
Purdue University Global



ASSESSING THE EFFECTIVENESS OF AN ARTIFICIAL INTELLIGENCE TUTORING SYSTEM FOR IMPROVING COLLEGE-LEVEL MATHEMATICS PREPAREDNESS IN HIGH SCHOOL STUDENTS

Jenny Nehring
Utah Valley University

Patricia Moyer-Packenham
Utah State University

Matthew North
Utah Valley University

Thursday, October 5, 10:50 a.m. – 11:50 a.m.

Room: Conch – 6th floor
Session Chair: Jonathan Hobbs



CYBERSECURITY AWARENESS IN HIGHER EDUCATION: A COMPARATIVE ANALYSIS OF FACULTY AND STAFF

Jonathan Hobbs
Georgia Southwestern State University

TEXT MINING OF TEXTUAL DESCRIPTIONS OF SCOTCH WHISKY RATINGS

Ben Kim
Seattle University

Room: Sand Dollar – 8th Floor
Session Chair: Christopher Kendrick

A STUDY OF EMERGENT COOPERATIVE BEHAVIORS OF MULTI-AGENT SYSTEMS USING REINFORCEMENT LEARNING

Joshua Brown
Carson-Newman University

Seongyong Hong
Carson-Newman University

Alden Starnes
Carson-Newman University

STRENGTHS AND WEAKNESSES OF REMOTE WORK: A REVIEW OF THE LITERATURE Sonja Westbrook Middle Georgia State University	USING PREDICTIVE MODELING TO COMBAT MONEY LAUNDERING Ivan Lopez Torres University of Charleston IMPLEMENTING VALUE: EVALUATING SYSTEMS FRAMEWORKS AND THEIR IMPACT ON SCALABLE SYSTEMS IMPLEMENTATIONS Christopher Kendrick Middle Georgia State University
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Thursday, October 5, 10:50 a.m. – 11:50 a.m.

Room: Starfish – 7th Floor Session Chair: Edward Lazaros	Room: Skyview – 9th Floor Session Chair: Natalya Bromall
FACTORS DRIVING NFC-BASED MOBILE PAYMENT ADOPTION: THE CASE OF PERU Solange Aguilar-Herreras Universidad del Pacifico Christian Fernando Libaque-Saenz Universidad del Pacifico FACTORS INFLUENCING HIGHER EDUCATION STUDENTS' PERFORMANCE AND SATISFACTION WITH VIRTUAL CLASSES DURING THE COVID-19: THE CASE OF PERU Ricardo Reyes Universidad del Pacifico Christian Fernando Libaque-Saenz Universidad del Pacifico SOCIAL MEDIA CHALLENGES ARE CAUSING DISRUPTIONS IN SCHOOLS Lauren Metzler Ball State University Edward Lazaros Ball State University Christopher Davison Ball State University Allen Truell Ball State University	LOST AND FOUND: TESTING CYBERSECURITY PREPAREDNESS AT A UNIVERSITY Gideon Hockenbarger Washburn University Nan Sun Washburn University John Haverty Washburn University Homer Manila Washburn University RISK TRENDS BY INDUSTRY: AN EMPIRICAL STUDY IN RANSOMWARE TARGET TRENDS Tom Williams III Middle Georgia State University FACTORS AND EXPERIENCES THAT PREPARE STUDENTS FOR A CYBER CAREER: A GENDER-BASED STUDY Natalya Bromall Robert Morris University Kevin Slonka Saint Francis University Peter Draus Robert Morris University Sushma Mishra Robert Morris University

12:00 p.m. – 1:30 p.m. Lunch * ON OUR OWN *

Thursday, October 5, 1:40 p.m. – 2:40 p.m.

Room: Conch – 6th floor

Session Chair: Azad Ali

GENERATIVE AI AND THE COLLEGE COURSE: USAGE AND THE AI PROMPT DEVELOPMENT LIFE CYCLE (PDLC)

Lorrie Willey

Western Carolina University

Barbara Jo White

Western Carolina University

Cynthia S. Deale

Eastern Carolina University

CONSIDERATIONS FOR UPDATING PROGRAMMING COURSES

Azad Ali

Indiana University of Pennsylvania

Pankaj Chauhary

NC A&T State University

Kustim Wibowo

Indiana University of Pennsylvania

ASSESSING CHATGPT-GENERATED PROGRAMMING CODE BASED ON EXERCISES IN AN INTRODUCTORY PROGRAMMING COURSE

Azad Ali

Indiana University of Pennsylvania

Kustim Wibowo

Indiana University of Pennsylvania

Room: Sand Dollar – 8th Floor

Session Chair: Kalee Crandall

ADAPTIVE PROGRAMMING LANGUAGE LEARNING SYSTEM BASED ON GENERATIVE AI

Myungjae Kwak

Middle Georgia State University

ANOMALY IDENTIFICATION THROUGH DATA VISUALIZATION: REGRESSION ANALYSIS REVISITED

Assion Lawson-Body

University of North Dakota

Patrick Glenn

University of North Dakota

Laurence Lawson-Body

University of North Dakota

Abdou Illia

Eastern Illinois University

Emmanuel Ufiteyezu

University of Rwanda

MINING MOBILE APPLICATION REVIEWS TO INFORM THE DESIGN OF ANONYMOUS LIVE COUNSELING APPLICATIONS

Kalee Crandall

Utah Valley University

Kodey Crandall

Utah Valley University

Matt North

Utah Valley University


Cherie Noteboom

Dakota State University


Thursday, October 5, 1:40 p.m. – 2:40 p.m.

Room: Starfish – 7th Floor Session Chair: Nita Brooks	Room: Skyview – 9th Floor Session Chair: Alan Peslak
<p>SOCIAL MEDIA CHANNELS ARE NOT USEFUL FOR ELECTRONIC-WORD-OF-MOUTH IN ECOMMERCE SERVICE RECOVERY</p> <p>Ranjan Kini Indiana University Northwest</p> <p>Yilka Azemi Indiana University Northwest</p> <p>THE CHANGING LANDSCAPE IN CYBERSECURITY EDUCATION, THE IMPACT OF COVID-19, AND THE PROMISE OF ONLINE EDUCATION PROGRAMS</p> <p>Cassie Longhart Purdue Global University</p> <p>Jacob Mack Purdue Global University</p> <p>WHERE SHOULD CYBERSECURITY EDUCATION LIVE IN INSTITUTIONS HIGHER LEARNING?</p> <p>Nita Brooks Middle Tennessee State University</p> <p>Timothy Greer Middle Tennessee State University</p>	<p>ANALYSIS OF A STUDENT SATISFACTION EXIT SURVEY OF A GRADUATE DATA ANALYTICS PROGRAM</p> <p>John Stewart Robert Morris University</p> <p>G. Alan Davis Robert Morris University</p> <p>Alan Peslak Penn State University</p> <p>THE IMPACT OF TECHNOSTRESS CREATORS ON ACADEMICS' CYBERSECURITY FATIGUE IN SOUTH AFRICA</p> <p>John Mangundu University of Witwatersrand</p> <p>Thembekile Mayayise University of Witwatersrand</p> <p>MENTAL HEALTH AND INFORMATION TECHNOLOGY DEVELOPERS: AN EXPLORATION OF DEMOGRAPHIC VARIANCES</p> <p>Alan Peslak Penn State University</p> <p>Wendy Ceccucci Quinnipiac University</p> <p>Kiku Jones Quinnipiac University</p> <p>Lori Leonard University of Tulsa</p>
<p>2:40 p.m. – 3:00 p.m. Networking Coffee Break Lobby III – 1st Floor</p>	

Thursday, October 5, 3:00 p.m. - 4:00 p.m.

Room: Conch – 6th floor Session Chair: Elizabeth Williams	Room: Sand Dollar – 8th Floor Session Chair: Bryan Marshall
PSYCHOLOGICAL TACTICS OF PHISHING EMAILS Ping Wang Robert Morris University Peyton Lutchkus Robert Morris University BLOCKCHAIN FOR MARKETING PURPOSES BY BANKING INSTITUTIONS: ACTIVITY THEORY PERSPECTIVE Magdeline Moche Cape Peninsula University of Technology Tiko Iyamu Cape Peninsula University of Technology ACTUALIZING GENDER AND RACIAL DIVERSITY INCLUSION IN COMPUTING FIELDS Elizabeth Williams Middle Georgia State University	 ACCURACY AND DETECTION OF STUDENT USE OF CHATGPT IN BUSINESS ANALYTICS COURSES Lauren Laker Xavier University Mark Sena Xavier University THE EFFICACY OF DETECTING AI-GENERATED FAKE NEWS USING TRANSFER LEARNING Jake Stewart Purdue University Northwest Nikita Lyubashenko Purdue University Northwest George Stefanek Purdue University Northwest IS PROFESSORS' PERSPECTIVES ON AI-ASSISTED PROGRAMMING Kelsey Rose Georgia College and State University Victoria Massey Georgia College and State University Bryan Marshall Georgia College and State University Peter Cardon University of Southern California

Thursday, October 5, 3:00 p.m. - 4:00 p.m.

Room: Starfish – 7th Floor Session Chair: Adan Chawdhry	Room: Skyview – 9th Floor Session Chair: Paul Leidig
CAN VISUALIZATION HELP STUDENTS MANAGE THEIR CONCERNS ABOUT LEARNING TECHNICAL CONCEPTS? Michael Lohle University of Bridgeport	 A NARRATIVE REVIEW OF ADVANTAGEOUS CYBERSECURITY FRAMEWORKS AND REGULATIONS IN THE UNITED STATES HEALTHCARE SYSTEM Mustafa Abo El Rob Middle Georgia State University



TEN YEARS OF CYBERSECURITY GOVERNANCE, RISK AND COMPLIANCE: A BIBLIOMETRIC EXAMINATION OF RESEARCH THEMES, TRENDS, AND INFLUENCERS

Rahul Dwivedi

Texas A&M University – Central Texas

WHAT'S IN A NAME? DOES THE NAME OF STEM BASED PROGRAMS RELATE TO GENDER PARTICIPATION?

Adan Chawdhry

Pennsylvania Western University

Karen Poullet

Robert Morris University

Anthony Rodi

University of Pittsburg

Jamie Pinchot

Robert Morris University

COMPARING CYBERSECURITY SKILLS AND CYBERSECURITY CURRICULA: A PRE AND POST COVID ANALYSIS

Queen Booker

Metro State University

Mousumi Munmun

Metro State University

CONNECTING THE DOCS: INFORMATION SYSTEMS MODEL CURRICULA AND ACCREDITATION CRITERIA

Paul Leidig

Grand Valley State University

5:00 p.m. – 8:00 p.m. FUN NIGHT – Sheraton Beach, near the tennis courts

Join us for dinner and a Polynesian performance.

All registered attendees & registered guests are invited.

FRIDAY, OCTOBER 6, 2023

8:00 a.m. - 3:00 p.m.	Registration	Lobby III – 1 st Floor	
8:00 a.m. - 3:00 p.m.	Exhibitors	Lobby III – 1 st Floor	
8:00 a.m. - 9:00 a.m.	Breakfast	Island II – 1 st Floor	
9:00 a.m. – 4:00 p.m.	Concurrent Presentation Sessions	Conch 6 th Floor	Sand Dollar 8 th Floor
		Starfish 7 th Floor	Skyview 9 th Floor
11:20 a.m. – 12:30 p.m.	Awards Luncheon	Island II – 1 st floor	
	All registered conference attendees & registered guests are invited		


Friday, October 6, 9:00 a.m. – 10:00 a.m.

Room: Conch – 6th floor Session Chair: Kembley Lingelbach	Room: Sand Dollar – 8th Floor Session Chair: Fidelis Ikem
<p>FINTECH CURRICULA: A SURVEY OF IS, ACCOUNTING, AND FINANCE DEPARTMENT CHAIRS</p> <p>Abby Milner Georgia College and State University</p> <p>Michael Thomas Georgia College and State University</p> <p>Eric Kobbe Georgia College and State University</p> <p>Bryan Marshall Georgia College and State University</p> <p>Brad Fowler Georgia College and State University</p> <p>Peter Cardon University of Southern California</p> <p>CAREPROFSYS - A JOB RECOMMENDER SYSTEM BASED ON MACHINE LEARNING AND ONTOLOGY TO SUPPORT LEARNERS' EMPLOYABILITY AT REGIONAL LEVEL</p> <p>Maria-Iuliana Dascalu National University of Science and Technology Politehnica Bucharest</p> <p>Alexandru Hang National University of Science and Technology Politehnica Bucharest</p> <p>Imola-Flora Puskas National University of Science and Technology Politehnica Bucharest</p> <p>Constanta-Nicoleta Bodea National University of Science and Technology Politehnica Bucharest</p> <p>A STUDY OF FEMALE CYBERSECURITY PROFESSIONALS</p> <p>Kembley Lingelbach Middle Georgia State University</p>	<p>PAVLOVIAN SOCIAL MEDIA: RESPONDING TO THE "DING"</p> <p>David Scibelli Winthrop University</p> <p>Brian Stevens Eastern Gateway Community College</p> <p>DOES SOCIAL CAPITAL PLAY ROLE IN INFORMATION AND COMMUNICATION TECHNOLOGY ADOPTION?</p> <p>Godwin Udo University of Texas at El Paso</p> <p>Kallol Bagchi University of Texas at El Paso</p> <p>Peeter Kirs University of Texas at El Paso</p> <p>PRACTICAL ACTIVITIES TO ENGAGE STUDENTS IN FACE-TO-FACE AND SYNCHRONOUS ONLINE TEACHING ENVIRONMENTS</p> <p>Xue Bai Northern Virginia Community College</p> <p>Yingjin Cui Northern Virginia Community College</p> <p>Fidelis Ikem Jackson State University</p>

Friday, October 6, 9:00 a.m. – 10:00 a.m.

Room: Starfish – 7 th Floor Session Chair: Jongho Seol	Room: Skyview – 9 th Floor Session Chair: Meral Binbasioglu
<p>PRINCIPLES OF ORGANIZATIONAL SECURITY GOVERNANCE</p> <p>Sushma Mishra Robert Morris University</p> <p>DATA INTEGRATION WITH DIVERSE DATA: AEROSPACE INDUSTRY INSIGHTS FROM A SYSTEMATIC LITERATURE REVIEW</p> <p>Olga Perera Dakota State University</p> <p>Cherie Noteboom Dakota State University</p> <p>QUANTUM THREAT AND DEPENDABILITY OF QUANTUM-SAFE BLOCKCHAIN-BASED DISTRIBUTED CONTROL SYSTEMS AND NETWORK</p> <p>Jongho Seol Middle Georgia State University</p> <p>Jongyeop Kim Georgia Southern University</p>	<p>VIRTUAL VERSUS REALITY: HOW TWITTER HAS CHANGED POLITICAL COMMUNICATION</p> <p>Jeffrey Taillon Nichols College</p> <p>Kevin Mentzer Nichols College</p> <p> THE IMPACT OF UNPLANNED SYSTEM OUTAGES ON CRITICAL NATIONAL INFRASTRUCTURE SECTORS: A CYBERSECURITY PERSPECTIVE</p> <p>Dessu Sam Marymount University</p> <p>Xiang Liu Marymount University</p> <p>HEALTHCARE COMPLEXITY: REDESIGNING CARE WITH SYSTEMS MODELING</p> <p>Meral Binbasioglu Hofstra University</p> <p>Edward Zychowicz Hofstra University</p>

Friday, October 6, 10:10 a.m. – 11:10 a.m.

Room: Conch – 6 th floor Session Chair: Scott Spangler	Room: Sand Dollar – 8 th Floor Session Chair: Carl Rebman
<p>DEVELOPMENT OF A CONCEPTUAL MODEL FOR CONTINUOUS INTENTION TO USE ELEARNING</p> <p>Kamel Rouibah Kuwait University</p> <p>Mohammad Al-Marzouq Kuwait University</p> <p>Abulateef Zidan Kuwait University</p>	<p> MOVING DATA DOWN THE ROAD: A SYSTEMATIC REVIEW OF INFORMATION PRIVACY CONCERN FOR INTERNET-OF-THINGS CONNECTED AUTOMOBILES</p> <p>Brad Fowler Dakota State University</p> <p>Omar El-Gayar Dakota State University</p>

FACULTY'S PERCEPTIONS OF EMBEDDED LIBRARIANS**Scott Spangler**

Middle Georgia State University

Dana Casper

Middle Georgia State University

WEBSITE DESIGN FEATURES AND INTENDED USE: THE MEDIATING ROLES OF AFFECTIVE TRUST AND RISK**Wei Sha**

Pittsburg State University

DETECTING COVID-19 MISINFORMATION ON SOCIAL MEDIA**Jason Michaud**

Bryant University

Suhong Li

Bryant University

Friday, October 6, 10:10 a.m. – 11:10 a.m.**Room: Starfish – 7th Floor**
Session Chair: Alan Peslak**HIPAA VS. MEDICAL RESEARCH: IMPROVING PATIENT CARE THROUGH INTEGRATION OF DATA PRIVACY AND DATA ACCESS****Katherine D'Ordine**

Bryant University

Suhong Li

Bryant University

BLOCKCHAIN TECHNOLOGY IN THE FOOD SUPPLY CHAIN: INFLUENCES ON SUPPLIER RELATIONSHIPS AND OUTCOMES**Steve Schilhabel**

University of Wisconsin-Whitewater

Balaji Sankaranarayanan

University of Wisconsin-Whitewater

Room: Skyview – 9th Floor
Session Chair: Karen Poullet**PANEL: ONE-HOUR SESSION****MENTORING IS A NECESSARY PART OF RECRUITING AND RETENTION DIVERSIFIED STUDENTS IN STEM****Karen Poullet**

Robert Morris University

Natalya Bromall

Robert Morris University

Abdur Shahid

Robert Morris University

Choton Basu
University of Wisconsin-Whitewater

Manohar Madan
University of Wisconsin-Whitewater

Carol Glennon
University of Wisconsin-Whitewater

Leah McSherry
University of Wisconsin-Whitewater

**LEARNING STYLES
AND CHARACTERISTICS OF STUDENTS
ENROLLED IN COMPUTER INFORMATION
SYSTEMS COURSES**

Lisa Kovalchick
Pennsylvania Western University

Alan Peslak
Penn State University

Paul Kovacs
Robert Morris University

Wenli Wang
Robert Morris University

11:20 – 12:30 p.m. Awards Luncheon.....Island II – 1st Floor

All registered attendees & registered guests are invited.

Friday, October 6, 12:30 – 1:30 p.m.

Room: Conch – 6th floor
Session Chair: Carl Rebman

**ELECTRONIC DETECTION K9S: THE
NEWEST WEAPON IN THE FIGHT AGAINST
HUMAN TRAFFICKING AND CHILD
PREDATORS**

Jason James
Indiana State University

**FACTORS INFLUENCING THE
DEVELOPMENT OF A SUCCESSFUL
CYBERSECURITY CULTURE**

Queen Booker
Metropolitan State University

Room: Sand Dollar – 8th Floor
Session Chair: Debra Borkovich

**SUSTAINABILITY DRIVEN BY INFORMATION
AND COMMUNICATION TECHNOLOGIES: THE
CASE OF ENTERPRISES IN POLAND**

Ewa Ziembra
University of Economics in Katowice

**CYBERCULTURE INFOSCAPES: A
CONCEPTION FOR ORGANIZATIONAL
SECURITY**

Debra J. Borkovich
Middle Georgia State University

<p>Carl Rebman University of San Diego</p> <p>NODE.JS OR PHP? DETERMINING THE BETTER WEBSITE SERVER BACKEND SCRIPTING LANGUAGE</p> <p>Qozeem Odeniran Georgia Southern University</p> <p>Hayden Wimmer Georgia Southern University</p> <p>Carl Rebman University of San Diego</p>	<p>Robert J. Skovira Robert Morris University</p> <p>Frederick Kohun Robert Morris University</p> <p>THE EFFECT OF MICROLEARNING AND MULTIMEDIA DESIGN ON KNOWLEDGE AND SKILLS ACQUISITION OF STUDENTS IN E-COURSES</p> <p>Joseph Rene Corbeil The University of Texas Rio Grande Valley</p> <p>Didem Tufan Barikat Cyber Security</p> <p>Maria Elena Corbeil The University of Texas Rio Grande Valley</p>
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Friday, October 6, 12:30 – 1:30 p.m.

<p>Room: Starfish – 7th Floor Session Chair: Angel Ojeda-Castro</p>	<p>Room: Skyview – 9th Floor Session Chair: Katherine Carl</p>
<p>VALIDATING PRIOR RESEARCH: A QUALITATIVE STUDY OF THE CAREER PERSPECTIVES AND EXPERIENCES OF FEMALE CYBERSECURITY PROFESSIONALS</p> <p>Steven Terrell Middle Georgia State University</p> <p>Kembley Lingelbach Middle Georgia State University</p> <p>BIG DATA: MODERN BEST PRACTICES FOR DATA PROCESSING</p> <p>Angel Ojeda-Castro Universidad Ana G. Mendez</p> <p>Jorge Jimenez-Ramirez Universidad Ana G. Mendez</p> <p>TWITTER ANALYSIS ON COVID-19 VACCINE SENTIMENT IN FEBRUARY OF 2021</p> <p>David Curtis University of Charleston, West Virginia</p>	<p>PANEL: ONE-HOUR SESSION</p> <p>CHATGPT HAS ENTERED THE CLASSROOM CHAT: ETHICAL AND PRACTICAL IMPLICATIONS FOR TEACHING AND ASSESSMENT IN THE FACE OF ARTIFICIAL INTELLIGENCE</p> <p>Katherine Carl Governors State University</p> <p>Scott Spangler Middle Georgia State University</p> <p>Shannon Beasley Middle Georgia State University</p>

Jehu Humphries

University of Charleston, West Virginia

Taiwo Ajani

University of Charleston, West Virginia

Friday, October 6, 1:50 p.m. – 2:50 p.m.

Room: Conch – 6th floor

Session Chair: Kevin Slonka

**USING PEER EXEMPLARS AS A SMALL
TEACHING STRATEGY IN AN SQL
EXPLORATORY ACTIVITY**

Robert Mills

Utah State University

Emily Fyfe

Indiana University

Tanya Beaulieu

University of Maine

Maddy Mills

Utah State University

Hannah Davies

Utah State University

**UNDERSTANDING THE ROLE OF
INSTITUTION-BASED TRUST IN AN
INDIVIDUAL'S IOT ADOPTION: AN
EMPIRICAL STUDY ACROSS DIFFERENT
DEVICES**

Anupam Nath

Georgia Gwinnett College

**AN IMPLEMENTATION CASE OF THE HYFLIP
TEACHING MODALITY: LESSONS LEARNED
AND A PATH FORWARD**

Kevin Slonka

Saint Francis University

Room: Sand Dollar – 8th Floor

Session Chair: Zoroayka Sandoval

**ON THE EFFECTIVENESS OF MULTIPLE TEAM
EVALUATIONS**

Jameela Al-Jaroodi

Robert Morris University

Nadar Mohamed

Pennsylvania Western University

**EXPLORING MBA STUDENTS' PERCEPTIONS
OF ARTIFICIAL INTELLIGENCE USING
TECHNOLOGY ACCEPTANCE MODEL**

Sung Shim

Seton Hall University

**PRIVACY, SECURITY, AND AWARENESS
PERCEPTIONS ON THE USE OF SOCIAL
MEDIA: A TIKTOK FOCUS**

Zoroayka Sandoval

Middle Georgia State University

Kembley Lingelbach

Middle Georgia State University

Neil Rigole

Middle Georgia State University

SATURDAY, OCTOBER 7, 2023

8:00 a.m. - 10:00 a.m.	Registration	Lobby III – 1 st Floor	
8:00 a.m. - 11:30 a.m.	Exhibitors	Lobby III – 1 st Floor	
8:00 - 9:00 a.m.	Breakfast	Island II – 1 st Floor	
9:10 a.m. – 10:10 a.m.	Concurrent Presentation Sessions	Conch 6 th Floor	Sand Dollar 8 th Floor
		Starfish 7 th Floor	Skyview 9 th Floor
10:20 a.m. – 11:20 a.m.	Concurrent Presentation Sessions	Conch 6 th Floor	Sand Dollar 8 th Floor
		Starfish 7 th Floor	Skyview 9 th Floor
11:30 a.m. - 12:00 p.m.	Closing Session & Prizes	Conch – 6 th floor	

Saturday, October 7, 9:10 – 10:10 a.m.

Room: Conch – 6 th floor Session Chair: Alex Koohang	Room: Sand Dollar – 8 th Floor Session Chair: Jennifer Breese
<p>INTERNET OF THINGS (IOT): USERS' CONCERNS ABOUT PRIVACY AND SECURITY</p> <p>Alex Koohang Middle Georgia State University</p> <p>Carol Sargent Mercer University</p> <p>David Fuller Middle Georgia State University</p> <p>Tara Underwood Middle Georgia State University</p> <p>ANOMALY DETECTION IN NETWORK TRAFFIC USING ENTROPY-BASED METHODS: APPLICATIONS TO VARIOUS TYPES OF CYBERATTACKS</p> <p>Vadim Bashurov Comtrade</p> <p>Paul Safonov Saint Cloud State University</p>	<p>CYBERSECURITY CURRICULUM DEVELOPMENT: ENHANCING CYBERSECURITY EDUCATION & TRAINING IN A UNIVERSITY ENVIRONMENT</p> <p>Chandrashekar Challa Virginia State University</p> <p>Ephrem Eyob Virginia State University</p> <p>CHATGPT OR CHEATGPT: HOW ARE EDUCATORS DEALING WITH CHEATING IN THE AGE OF AI TOOLS?</p> <p>Philip Kim Walsh University</p> <p>Austin Fantin Walsh University</p> <p>Jennifer Breese Penn State University</p> <p>Justin Woods Walsh University</p>

**THE SHAPE OF THE CYBERSECURITY
INSURANCE INDUSTRY, 2015-2020**

Arek Kashian

Choton Basu

University of Wisconsin-Whitewater

Balaji Sankaranarayanan

University of Wisconsin-Whitewater

Saturday, October 7, 9:10 – 10:10 a.m.

Room: StarFish – 7th floor

Session Chair: Matthew North

**COLLEGE STUDENT PERCEPTIONS,
USAGE, AND ACCEPTANCE OF
TECHNOLOGY**

Gayle Jesse

West Liberty University

Anton Schulz

West Liberty University

**IS ARTIFICIAL INTELLIGENCE READY TO
SUPPORT RIGOROUS RESEARCH?**

Thomas Lombardi

Eckerd College

Matthew North

Utah Valley University

**NAVIGATING THE BUSINESS LANDSCAPE:
CHALLENGES AND OPPORTUNITIES OF
IMPLEMENTING ARTIFICIAL INTELLIGENCE
IN CYBERSECURITY GOVERNANCE**

Rafael Padilla-Vega

University Ana G. Mendez

Carlos Sanchez-Rivero

University Ana G. Mendez

Angel Ojeda-Castro

University Ana G. Mendez

Room: Skyview – 9th Floor

Session Chair: Joanna Paliszkiewicz

**INTUITION STYLES AND ANALYTIC THINKING
IN TASK PERFORMANCE**

Joanna Paliszkiewicz

Warsaw University of Life Sciences

Fatih Cetin

Baskent University

Markus Launer

Ostfalia University of Applied Sciences

Marzena Ganc

Warsaw University of Life Sciences

**CULTURAL DIFFERENCES IN PRIVACY
PROTECTION: A CASE STUDY OF DIDI
PRIVACY VIOLATIONS**

Jing Hua

Robert Morris University

Ping Wang

Robert Morris University

Saturday, October 7, 10:20 - 11:20 a.m.

Room: Sand Dollar – 8th Floor
Session Chair: Kieran Fletcher

**THE AUTOMATION OF AGILE
DEVELOPMENT: AN ANALYSIS OF THE
INTRODUCTION OF THE JIRA TOOL IN AN
ENGINEERING ENVIRONMENT**

Paul Nugent
Western Connecticut State University

**IMPACT OF SECURITY EDUCATION,
TRAINING, AND AWARENESS ON
PERCEIVED SECURITY AND TRUST**

Abdou Illia
Eastern Illinois University

Assion Lawson-Body
University of North Dakota

**THE ROLE OF MANAGEMENT DECISIONS IN
CREATING CYBER-SECURITY
VULNERABILITIES**

Kieran Fletcher
Middle Georgia State University

Room: Starfish – 7th Floor
Session Chair:

11:30 a.m. - 12:00 p.m. Closing Session & Prizes.....Conch – 1st Floor

Join us for the closing of the conference & door prizes.
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- Computer systems enterprise architecture, enterprise resource planning
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- Information Assurance and Security- Cyber Security, Cyber Forensics
- IT Project Management
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Network embeddedness and company competitiveness

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Aleksandra Hauke-Lopes, Poznań University of Economics and Business, aleksandra.hauke-lobes@ue.poznan.pl

How an outside perspective can help an organization enhance their supply chain risk mitigation strategy

Fred Hoffman, Mercyhurst University, fhoffman@mercyhurst.edu

Rajkamal Kesharwani, Mercyhurst University, rkesarwani@mercyhurst.edu

Jacob Maynard, Mercyhurst University, jmayna35@lakers.mercyhurst.edu

Artificial intelligence and its potential harm through the use of generative adversarial network image filters on TikTok

William Pendergrass, University of Maryland Global Campus

William.pendergrass@faculty.umgc.edu

Elliptic Curve Cryptography: Implementation using Google Apps Script (GAS)

Abhijit Sen, Kwantlen Polytechnic University, abhijit.sen@kpu.ca

Arnab Sen, AKQA, USA, arnabsen@gmail.com

Application of artificial intelligence and machine learning in a security operations center

Mohammad Anwarul Islam, Middle Georgia State University, mohammad.islam@mga.edu

Detecting ADS-B replay cyberattacks in the National Airspace System

George Ray, Shepherd University, gray@shepherd.edu

Jeffrey Ray, UMBC, jeffray@umbc.edu

Artificial intelligence in financial services: A systems dynamics approach

Jae Choi, Pittsburg State University, jchoi@pittstate.edu

Thomas L. Ngo-Ye, Alabama State University, tngoye@alasu.edu

Accelerating performance, cost-optimization and streamlining deployment with Clonezilla and SATA SSDs

Ephrem Tilahun, College of Business Administration: Alabama State University,
etilahun8659@myasu.alasu.edu

Web design: Digital literacy and user preference

Sarah Campbell, Washburn University, sarah.campbell1@washburn.edu

Nan Sun, Washburn University, nan.sun@washburn.edu

Vulnerabilities in modern connected vehicles: A call to action

Kevin Seed, Community College of Allegheny County, kvnseed@gmail.com Matthew Kisow,
Community College of Allegheny County, mkisow@ccac.edu

A systematic literature review: Benefits and challenges of cloud-based big data analytics

Zaineb Naamane, Middle Georgia State University, zaineb.naamane@mga.edu

An exploratory study of moderators in remote group security effectiveness

Linwu Gu, Slippery Rock University, linwu.gu@sru.edu

Jianfeng Wang, Kutztown University, jwang@kutztown.edu

The many applications of sentiment analysis: A literature review

Christa A. Self, Middle Georgia State University, christa.self@mga.edu

Assessing critical thinking in an IS curriculum

Judy Wynekoop, Florida Gulf Coast University, jwynekoop@fgcu.edu

Kazuo Nakatani, Florida Gulf Coast University, knakatan@fgcu.edu

Adopting open educational resources (OER) for use in a department of information systems and operations management course: Benefits galore

Allen D. Truell, Ball State University, atruell@bsu.edu

Christopher B. Davison, Ball State University, cbdavison@bsu.edu

Edward J. Lazaros, Ball State University, ejlazaros@bsu.edu

Eric S. Green, Ball State University, esgreen2@bsu.edu

Strategies for teaching business analytics courses to both business and non-business undergraduate students

Allen D. Truell, Ball State University, atruell@bsu.edu

Edward J. Lazaros, Ball State University, ejlazaros@bsu.edu

Christopher B. Davison, Ball State University, cbdavison@bsu.edu

Eric S. Green, Ball State University, esgreen2@bsu.edu

Enhancing cybersecurity using a new dynamic approach to authentication and authorization

Abdur Rahim Choudhary, Choudhary Associates, arc@choudharyassociates.com

Examining the effects of blockchain technology in mitigating data breaches in firms:

A quasi-experimental design approach

Kyungmyung Jang, Mississippi State University, kj1350@msstate.edu

Dongyeon Kim, Kent State University, dkim32@kent.edu

Bora Jeong, Mississippi State University, bj995@msstate.edu

Martin Kang, Loyola Marymount University, martin.kang@lmu.edu

Dong-Heon Kwak, Kent State University, dkwak@kent.edu

Privacy and the intention to read computer usage policies

C. Bryan Foltz, University of Tennessee at Martin, cfoltz1@utm.edu

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A reference architecture for distributed federated collaboration secured services (DFCS-RA)

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Careers and skills in the enterprise blockchain industry for information systems graduates

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The integration components between enterprise information architecture and business strategy

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Leveraging project-based learning for learning improvement of systems project management concepts

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Teacher preparation and curriculum design in cybersecurity

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Innovative approach for teaching the receiver operating characteristic (ROC) curve

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Computing education for challenges of the 4th industrial revolution

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