61st Annual International Conference

October 6 - 8, 2021

Virtual Conference Program

Conference Theme: Big Data Analytics
WELCOME

This is our 61st annual international conference and because of the uncertainty of the pandemic, our second virtual, synchronous conference. Your IACIS board has worked diligently to navigate the organization through these difficult times during the pandemic. Now, for the second year we had to make the very difficult decision months ago to convert from a face-to-face conference to virtual. We were able to renegotiate this year’s scheduled Golden Nugget, Las Vegas Conference with essentially the same contract for 2022. Therefore, we are planning and surely hope to see you face-to-face in Las Vegas next year.

In May, we held our second, very successful IACIS European Conference. Our plan is to continue this conference every summer going forward. This year, the conference was scheduled to be held in Warsaw, Poland, at the Warsaw University of Life Sciences. However, due to COVID-19 and international travel restrictions, it was converted to a fully online environment. The success of the European conferences has not only added significant numbers to our membership but demonstrates that IACIS can readily provide value and reach professionals throughout the globe. The 2022 European conference will be held in Warsaw, Poland, with the cooperation of the Warsaw University of Life Sciences. We are studying the prospect of additional European sights for future IACIS European Conferences.

So, welcome to the 61st Annual Conference of the International Association for Computer Information Systems. This year, we are hosting the conference fully online with synchronous keynotes, presentations, and networking sessions. Please take advantage of the networking room to meet people and discuss topics from any of the presentations.

This year’s theme, Big Data Analytics, generated significant interest by authors for full papers, panels, and presentations. Topics range from applications of Big Data Analytics, Business Skills for Data and Analytics Professors; Data Architecture; Big Data Analytics Outcomes and Strategies; Privacy; Cybersecurity; Teaching Big Data Analytics strategies; New courses for Big Data Analytics and more.

Participation in the IACIS conference provides added benefits. All submissions undergo a double blind-peer reviewed 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 an 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 for 2022 to our flagship journal, The Journal of Computer Information Systems.

Please view it at: https://www.tandfonline.com/toc/ucis20/current

The IACIS board members thanks you for contributing to the 61st Annual IACIS Conference, and for your continued support. We look forward to lively and meaningful presentations, discussions, and collegial networking.
IACIS EXECUTIVE BOARD MEMBERS

Executive Director          Daryl Nord
Director of Publications & Treasurer   Jeretta Horn Nord
Director of Technology & Operations   Alex Koohang
President & Director of Conference Arrangements   Maria Elena Corbeil
Vice President & 2021 Conference Chair  Joanna Paliszkiewicz
Secretary & IIS Editor           Kevin Floyd

ACKNOWLEDGEMENTS

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

AWARD RECIPIENTS

This symbol next to the title of a presentation in the conference schedule designates an award recipient.
VIRTUAL PRESENTATION SESSIONS

PRESENTATION DURATION

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

Panels will have 1 hour for the session.

IMPORTANT:

- To facilitate the online presentation process, we ask that all presenters be online and in the online room of their presentation 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 online rooms based on the presentations they want to see. They will expect to see the presentations in the order of the schedule below.

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

Zoom Guide

Please visit the IACIS.org websites for a guide on how to log in, attend, and share the screen (to share your slides during your presentation) using Zoom.
WORLD & U.S. TIME ZONES

All presentations in the Conference Schedule below are scheduled according to Central Daylight Time (CDT). Please see the time zone in yellow on the United States Time Zone Map below.

World Time Zone Interactive Map
Click on the link below to view an interactive map where we can click and see the current time for any place in the world.

https://www.timeanddate.com/time/map

U.S. Time Zone Map

Source: TimeTemperature.com (n.d.).
https://www.timetemperature.com/tzus/time_zone.shtml
### PROGRAM OVERVIEW

All presentations in the Conference Schedule below are scheduled according to **Central Daylight Time (CDT)**.

The conference website will be made available a few days before the conference with the links to each online presentation room.

#### Wednesday, October 6, 2021

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:00 – 7:00 p.m. CDT</td>
<td>Welcome Reception</td>
</tr>
</tbody>
</table>

#### Thursday, October 7, 2021

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 – 10:00 a.m. CDT</td>
<td>Welcome &amp; Keynote Address</td>
</tr>
<tr>
<td>10:10 – 11:10 a.m. CDT</td>
<td>Concurrent Presentation Sessions</td>
</tr>
<tr>
<td>11:20 – 12:20 p.m. CDT</td>
<td>Concurrent Presentation Sessions</td>
</tr>
<tr>
<td>12:30 – 1:00 p.m. CDT</td>
<td>Networking Break</td>
</tr>
<tr>
<td>1:00 – 2:00 p.m. CDT</td>
<td>Concurrent Presentation Sessions</td>
</tr>
<tr>
<td>2:10 – 3:10 p.m. CDT</td>
<td>Concurrent Presentation Sessions</td>
</tr>
<tr>
<td>3:20 – 4:20 p.m. CDT</td>
<td>JCIS Editorial Board Meeting</td>
</tr>
</tbody>
</table>

#### Friday, October 8, 2021

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 – 10:00 a.m. CDT</td>
<td>Keynote Address</td>
</tr>
<tr>
<td>10:10 – 11:10 a.m. CDT</td>
<td>Concurrent Presentation Sessions</td>
</tr>
<tr>
<td>11:20 a.m. – 12:20 p.m. CDT</td>
<td>Concurrent Presentation Sessions</td>
</tr>
<tr>
<td>12:30 – 1:30 p.m. CDT</td>
<td>Awards Ceremony</td>
</tr>
<tr>
<td>1:40 – 2:40 p.m. CDT</td>
<td>Concurrent Presentation Sessions</td>
</tr>
<tr>
<td>2:50 – 3:50 p.m. CDT</td>
<td>Concurrent Presentation Sessions</td>
</tr>
<tr>
<td>3:50 – 4:20 p.m. CDT</td>
<td>Closing Ceremony</td>
</tr>
</tbody>
</table>
KEYNOTE SPEAKER

ANGELICA MAROTTA

Angelica Marotta is a Research Affiliate in Cybersecurity at MIT Sloan (CAMS) Center at the Massachusetts Institute of Technology (MIT).

Angelica’s research explores several topics, including cybersecurity culture, risk management, and regulatory compliance. Angelica is also conducting research in association with the National Research Council of Italy (CNR).

She has an interdisciplinary background having studied and worked in a variety of fields. She earned a bachelor’s degree in Computer Science from the University of Pisa, a Graduate Certificate in Cyber Security, and a master’s degree in Justice Studies with a specialization in Cyber Security from Southern New Hampshire University.

She is also a Certified Information Security Management System Auditor (ISO/IEC 270001). In addition to her research activity, she teaches Ethical Management in Public Safety in the Homeland Security and Emergency Management program at Thomas Edison State University in Trenton, NJ. Angelica is a frequent presenter at international conferences and co-authored several papers on cyber insurance, risk management, cybersecurity culture, and compliance. She has earned numerous professional distinctions, including winning the 2021 Best Paper Award at the IACIS (International Association for Computer Information Systems) Europe Conference.
KEYNOTE SPEAKER

DR. JOSE LUIS GUERRERO-CUSUMANO

Dr. Guerrero-Cusumano is a Tenured Associate Professor at Georgetown University. He is a faculty member of the Operations and Information Management (OPIM) group at Georgetown Business School.

He has been faculty at Georgetown since 1989. He holds a Ph.D. in Industrial Engineering and a Master of Sciences in Statistics degree from the Mathematics Department of the University of Illinois. He is also an Economics Statistician from Rosario University’s School of Economics Science in Argentina. In 2008, he was awarded an Honorary Doctorate, Doctor Honoris Causa in Administration, by Ovidius University (Romania).

In 2008, he was elected a Fellow at the Judge Business School at Cambridge University in Great Britain. He was also an Executive Editor of the Globalization, Competitiveness and Governability journal published by Georgetown U-Universia, Spain.

Professor Guerrero-Cusumano was a former academic director of the Corporate International Master of International Business at the Georgetown University School of Business. He was former Director of the International Institute on Government, Management, and Policy at Georgetown U. He serves as the business programs academic director for the Georgetown Center of International Education and Development.

His research areas include Information Management, International Business, Business Intelligence, Big and Small Data, Data Mining, Text Mining, International Business, Social Responsibility, Quality of Service, Business Forecasting, Six Sigma, and Quality Improvement. He speaks seven languages fluently (Dutch, English, French, German, Italian, Portuguese, and Spanish).

He has been awarded numerous international prizes on research and teaching, including the 2021 Distinguished Professor Award awarded by the Industrial Engineering and Operations Management (IEOM) Society International.
IACIS RECOGNITION 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, with the selection made in June or July. 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, with the selection made in June or July. The awards are presented at the annual conference in the fall.

**Jay Liebowitz Outstanding Student Research Award**

The *Jay Liebowitz Outstanding Student Research Award* is an award that recognizes an outstanding student research paper submitted to the IACIS Annual Conference. While the paper may include co-authorship with other students and/or faculty, the research reported must be based on a student-initiated project. Criteria include: (1) contribution of the research to the existing literature; (2) research methodology, data collection, and analysis; (3) lessons learned; and (4) clarity of the writing. The award is presented at the annual IACIS International Conference.

**Best Pedagogy Paper**

An award for the best paper written regarding pedagogy is awarded at the annual conference. Based on the results of the double-blind, peer reviews, the paper is selected from those submitted for presentation at the conference. An Honorable Mention will also be awarded in this category. There is no nomination for this award and all papers accepted for presentation at the conference are candidates.

**Best Research Paper**

An award for the best paper written regarding research is awarded at the annual conference. Based on the results of the double-blind, peer reviews, the paper is selected from those submitted for presentation at the conference. An Honorable Mention will also be awarded in this category. There is no nomination for this award and all papers accepted for presentation at the conference are candidates.
Yogesh K. Dwivedi is a Professor of Digital Marketing and Innovation, Founding Director of the Emerging Markets Research Centre (EMaRC), and Director of Research at the School of Management, Swansea University, Wales, UK. In addition, he holds a Distinguished Research Professorship at the Symbiosis Institute of Business Management (SIBM), Pune, India. Professor Dwivedi is also currently leading the International Journal of Information Management as its Editor-in-Chief.

Professor Dwivedi completed his Ph.D. and M.Sc. in Information Systems at Brunel University London, UK, an M.Sc. in Plant Genetic Resources at the Indian Agricultural Research Institute (New Delhi, India) and his B.Sc. (with Botany, Zoology, and Chemistry) at the University of Allahabad (Prayagraj, India). His research interests are at the interface of Information Systems (IS), Marketing and Operations Management focusing on issues related to consumer adoption and diffusion of emerging digital innovations, use of IS/IT for operations and supply chain management, digital government, and digital marketing particularly in the context of emerging markets.

Professor Dwivedi has successfully supervised more than 20 doctoral students to completion and has examined more than 70 doctoral theses at various institutions from Australia, India, Malaysia, Mauritius, Pakistan, the Netherlands, and the UK. In recognition of his efforts to provide supportive, stimulating, and inspirational supervision, Professor Dwivedi was selected as one of the five finalists for the “2017 Outstanding Research Supervisor of the Year” Award as part of the prestigious annual Times Higher Education Awards. This nomination was a tremendous achievement and deservedly apt, given Professor Dwivedi’s commitment to supporting scholars at all stages of their careers. Given his contributions to academia he has also been awarded the AMITY Global Academic Excellence Award 2019, and Brunel University’s Alumnus of the Year Award 2019.

He has published more than 400 articles in a range of leading academic journals and conferences that are widely cited (more than 26 thousand times as per Google Scholar).
He was recently named on the annual Highly Cited Researchers™ 2020 list from Clarivate Analytics.

He has co-edited/co-authored more than 20 books on technology adoption, e-government, Information Systems theory, e-Word of Mouth, and social media which have been published by international publishers such as Chandos Publishing (an imprint of Elsevier), Springer, Chapman and Hall/CRC Press, Routledge, and Emerald.

Professor Dwivedi is an Associate Editor of the European Journal of Marketing, Government Information Quarterly, Journal of Business Research and International Journal of Electronic Government Research, and Senior Editor of the Journal of Electronic Commerce Research. He has also acted as the co-editor of 20 journal special issues; organized tracks, mini-tracks and panels in leading conferences and served as the conference and program co-chairs of several international conferences including Program Co-Chair of the 2013 IFIP WG 8.6 Conference on Grand Successes and Failures in IT: Public and Private Sectors and as Conference Chair of the IFIP WG 6.11 I3E2016 Conference on Social Media: The Good, the Bad, and the Ugly. He is the founding editor of the Springer Book Series on Advances in Theory and Practice of Emerging Markets (http://www.springer.com/series/15802).

More information about Professor Dwivedi can be found at: http://www.swansea.ac.uk/staff/som/academic-staff/y.k.dwivedi/
Ben Bauman Award for Excellence

Kevin Floyd

Dr. Kevin Floyd is associate dean and professor of information technology at Middle Georgia State University. His teaching interests include web technologies, database design and development, leadership in IT, and research methods. He has published numerous articles in the areas of cybersecurity, leadership and ethics, and instructional technology. He has presented his research findings at conferences nationally and internationally.

At Middle Georgia State, Kevin’s professional accomplishments include working and mentoring junior faculty with research projects and teaching best practices, helping lead the development of the University’s graduate programs – a Master of Science and a Doctor of Science in Information Technology. Under his leadership, the university has received the Centers of Academic Excellence in Cyber Defense Education (CAE-CD) designation from the National Security Agency (NSA).

In 2019, Kevin served as project manager for the Wi-Fi Macon project, a $40,000 local grant to implement and install public Wi-Fi in downtown Macon as part of the city’s revitalization efforts. He served as Co-PI of a $1.3 million NSF multi-institutional award that resulted in building a state-of-the-art Cyberforensics Lab for the School of Computing at Middle Georgia University. This grant also included numerous security training and presentations at various universities and the community.

He currently serves as the Secretary of the Executive Board & the IIS Editor to the International Association for Computer Information Systems (IACIS). He is also the web administrator for the IACIS and is an active reviewer for the National Security Agency (NSA) Centers of Academic Excellence in Cyber Defense (CAE-CD) program. Kevin is a recipient of the prestigious Director’s Award from the IACIS for his many years of service and dedication to the profession.

Kevin has been recognized with university awards for service, academic achievements, and research/scholarship, including several Best Paper Awards and an Executive Leadership certificate from the University System of Georgia’s Executive Leadership Institute.
Jay Liebowitz Outstanding Student Research Award

A REVIEW ON COVID-19 RELATED RESEARCH IN LEADING INFORMATION SYSTEMS JOURNALS

Yuming He, Old Dominion University, Student
Wenzhuo Li, Old Dominion University, Student
Xin Tian, Kennesaw State University, Faculty
Yunfei Xing, Central China Normal University, Student researcher

Best Paper Award – Pedagogy

DATA PRIVACY IN THE AGE OF BIG DATA ANALYTICS

Ball State University
Christopher B. Davison
Edward J. Lazaros
Jensen J. Zhao
Allen D. Truell
Brianna Bowles

Best Paper Award – Research

HONEYPOTS AND KNOWLEDGE FOR NETWORK DEFENSE

Robert Morris University
Ping Wang

University of Maryland
Hubert D’Cruze
# ONLINE CONFERENCE SCHEDULE

## Wednesday, Oct. 6, 2021

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Online Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:00 – 7:00 pm.</td>
<td>Welcome Reception</td>
<td>Redstone</td>
</tr>
<tr>
<td></td>
<td>Join us for some time together to catch up,</td>
<td></td>
</tr>
<tr>
<td></td>
<td>get to know new members, and network!</td>
<td></td>
</tr>
</tbody>
</table>

## Thursday, October 7, 2021

### Thursday, October 7, 2021, 9:00 – 10:00 a.m. (Central Daylight Time)

**Compliance vs Security: Parallel Convergences?**

*Keynote Address by Angelica Marotta*

Research Affiliate, Cybersecurity at MIT Sloan (CAMS) Center
Massachusetts Institute of Technology (MIT)

### Thursday, October 7, 2021, 10:10 – 11:10 a.m. (Central Daylight Time)

<table>
<thead>
<tr>
<th>Session Chair</th>
<th>Room 1</th>
<th>Room 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Edward J. Lazaros</td>
<td>Deer Park</td>
<td>Pike’s Peak</td>
</tr>
<tr>
<td>Ping Wang</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Big Data Analytics & Ethics**

**DATA PRIVACY IN THE AGE OF BIG DATA ANALYTICS**

*Best Paper (Pedagogy) Award*

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

- Edward J. Lazaros
ejlazaros@bsu.edu

- Jensen J. Zhao
jzhao@bsu.edu

- Allen D. Truell
atruell@bsu.edu

- Brianna Bowles
bibowles@bsu.edu

**Cybersecurity Applications**

**CYBERSECURITY RESEARCH CHALLENGES: LOCATING CREDIBLE MATERIAL**

- Kenneth L. Williams
  American Public University System
  kewilliams@apus.edu

- Ping Wang
  Robert Morris University
  wangp@rmu.edu

**CYBERSECURITY STUDENT TALENT RECRUITMENT & DEVELOPMENT: A CASE STUDY**

- Ping Wang
  Robert Morris University
  wangp@rmu.edu
<table>
<thead>
<tr>
<th>Session Title</th>
<th>Speakers</th>
<th>Online Room</th>
<th>Session Chair</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BIG DATA ANALYTICS FOR SMART SPORTS USING APACHE SPARK</strong></td>
<td>Jacob Reece, Carson-Newman University <a href="mailto:jwreece@cn.edu">jwreece@cn.edu</a></td>
<td>Warm Springs</td>
<td>Joy Godin</td>
</tr>
<tr>
<td></td>
<td>SeongYong Hong, Carson-Newman University <a href="mailto:shong@cn.edu">shong@cn.edu</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>ETHICS AT THE INTERSECTION OF EMERGING TECHNOLOGIES: BIO-IMAGING + NANOTECHNOLOGY = BIG DATA</strong></td>
<td>Donna M. Schaeffer, School of Technology &amp; Innovation, Marymount University <a href="mailto:donna.schaeffer@marymount.edu">donna.schaeffer@marymount.edu</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Patrick C. Olson, National University <a href="mailto:polson@nu.edu">polson@nu.edu</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>SECURITY IMPLICATIONS IN THE TRANSFORMATION OF HEALTHCARE THROUGH INTERNET OF THINGS DEVICES</strong></td>
<td>George Ray, Shepherd University <a href="mailto:gray@shepherd.edu">gray@shepherd.edu</a></td>
<td>Tiger Mountain</td>
<td>Johnathan Yerby</td>
</tr>
<tr>
<td></td>
<td>Ephais Ruhode, Cape Peninsula University of Technology <a href="mailto:ruhodee@cput.ac.za">ruhodee@cput.ac.za</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Albert Mubako, Institute for Digital Business Strategy <a href="mailto:albert.mubako@institutedbs.com">albert.mubako@institutedbs.com</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>IT Digitalization</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>RESILIENCE AND ECONOMIC INTELLIGENCE BUILD THROUGH DIGITALIZATION – AN IT PERSPECTIVE</strong></td>
<td>Iulia Daniela Postolea, Economic Informatics Doctoral School <a href="mailto:iulia.d.postolea@gmail.com">iulia.d.postolea@gmail.com</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Constanta-Nicoleta Bodea, Department of Informatics and Economic Cybernetics <a href="mailto:bodea@ase.ro">bodea@ase.ro</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>BUSINESS PROCESS MANAGEMENT AND DIGITAL TRANSFORMATION IN HIGHER EDUCATION</strong></td>
<td>Jeannie Pridmore, University of West Georgia <a href="mailto:jpridmor@westga.edu">jpridmor@westga.edu</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Joy Godin, Georgia College and State University <a href="mailto:joy.godin@gcsu.edu">joy.godin@gcsu.edu</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Social Media Research &amp; Applications</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>PROLIFERATION OF HEALTH MISINFORMATION ON SOCIAL MEDIA PLATFORMS: A SYSTEMATIC LITERATURE REVIEW</strong></td>
<td>Piyush Vyas, Dakota State University <a href="mailto:piyush.vyas@trojans.dsu.edu">piyush.vyas@trojans.dsu.edu</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Gitika Vyas, Rajasthan Technical University <a href="mailto:gitika.dadhich@gmail.com">gitika.dadhich@gmail.com</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Jun Liu, Dakota State University <a href="mailto:jun.liu@dsu.edu">jun.liu@dsu.edu</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>SOURCE CREDIBILITY IN SOCIAL MEDIA: A CASE STUDY OF A REDDIT COMMUNITY</strong></td>
<td>Amy Hartzell, Robert Morris University <a href="mailto:amykhartzell@gmail.com">amykhartzell@gmail.com</a></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
DEVOPS PARADIGM: A PEDAGOGICAL APPROACH TO MANAGE AND IMPLEMENT IT PROJECT

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

Laura Baumgartner
OTH Regensburg
laura.baumgartner@st.oth-regensburg.de

Katharina Heiß
OTH Regensburg
katharina.heiss@st.oth-regensburg.de

Cornelia Wagner
OTH Regensburg
cornelia1.wagner@st.oth-regensburg.de

Beau Jackson
Robert Morris University,
jackson.beau.michael@gmail.com

Jamie Pinchot
Robert Morris University
pinchot@rmu.edu

SOCIAL MEDIA PRIVACY CONCERNS, SECURITY CONCERNS, TRUST, AND AWARENESS: EMPIRICAL VALIDATION OF AN INSTRUMENT

Alex Koohang
Middle Georgia State University
alex.koohang@mga.edu

Kevin Floyd
Middle Georgia State University
kevin.floyd@mga.edu

Johnathan Yerby, Mercer University
yerby jm@mercer.edu

Joanna Paliszkiewicz
Warsaw University of Life Sciences, Poland
joanna_paliszkiewicz@sggw.edu.pl

Room: Redstone Networking

Networking available all day.
Join us any time during the conference.
<table>
<thead>
<tr>
<th>Room: Deer Park</th>
<th>Room: Pike's Peak</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session Chair: Abdou Illia</td>
<td>Session Chair: Philip Kim</td>
</tr>
</tbody>
</table>

### IT Business Applications

**DETERMINANTS OF CRYPTOCURRENCY EXCHANGES ADOPTION**

Abdou Illia  
Eastern Illinois University  
aillia@eiu.edu

**POWERFUL OR POINTLESS? EXAMINING THE EFFECT OF EXCEL ON BUSINESS STATISTICS SUCCESS**

Curtis Penrod  
Northwestern State University of Louisiana  
penrodcc@nsula.edu

Mary Edith Stacy  
Northwestern State University of Louisiana  
maryedith@nsula.edu

Lily Pharris  
Northwestern State University of Louisiana  
parrisil@nsula.edu

Mary Beth Tarver  
Northwestern State University of Louisiana  
tarverm@nsula.edu

**AN OVERVIEW OF CURRENT BUSINESS ANALYTICS PROGRAMS ACROSS US AACSB SCHOOLS**

Yilong “Eric” Zheng  
Merrimack College  
zhengy@merrimack.edu

Tahir Hameed  
Merrimack College  
hameedt@merrimack.edu

Patricia Sendall  
Girard School of Business  
sendallp@merrimack.edu

Raymond Lavoie  
Merrimack College  
lavoier@merrimack.edu

---

### Innovations in Learning

**DESIGNING CYBERSECURITY CURRICULUM: EXPLORING THE NEED FOR INDUSTRY CERTIFICATIONS AND EXPERIENTIAL LEARNING**

Mathew Erickson  
Walsh University  
merickso1@walsh.edu

Philip Kim  
Walsh University  
pkim@walsh.edu

**PROPOSING A FRAMEWORK OF GAME-BASED LEARNING AND ASSESSMENT SYSTEMS**

Naidong Zhao  
Beijing Institute of Fashion Technology  
sxyznd@bift.edu.cn

Mingke Xiong  
Beijing Zhongguancun Foreign Language School  
minka.xiong@zgcschool.cn

Xihui Zhang  
University of North Alabama  
xzhang6@una.edu

Mark G. Terwilliger  
University of North Alabama  
mterwilliger@una.edu

**DESIGNING MICROLEARNING MULTIMEDIA FOR HOW PEOPLE LEARN**

Joseph Rene Corbeil  
The University of Texas Rio Grande Valley  
rene.corbeil@utrgv.edu

Didem Tufan  
tufan.didem@gmail.com

Maria Elena Corbeil  
The University of Texas Rio Grande Valley  
mariaelena.corbeil@utrgv.edu
<table>
<thead>
<tr>
<th>Room: Warm Springs</th>
<th>Room: Tiger Mountain</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Session Chair:</strong> Matthew McGowan</td>
<td><strong>Session Chair:</strong> Christopher B. Davison</td>
</tr>
</tbody>
</table>

### Applications of Analytics

**TOWARD A WEB SERVICE FOR NARRATIVE TEXTUAL ANALYTICS: THE CASE OF STORY ANALYZER**

- Mike Mitri
  - James Madison University
  - mitrimx@jmu.edu

**BUSINESS ANALYTICS CAPSTONE PROJECT**

- Matthew McGowan
  - Bradley University
  - mmcgowan@fsmail.bradley.edu

- Paul Stephens
  - Bradley University
  - prs@fsmail.bradley.edu

**TEACHING NON-TECHNICAL SKILLS IN A DATA ANALYTICS PROGRAM IN HIGHER EDUCATION**

- Donna Cellante
  - Robert Morris University
  - cellante@rmu.edu

- Jamie Pinchot
  - Robert Morris University
  - pinchot@rmu.edu

### Program & Course Development Research

**DOES THE SUPPLY OF COLLEGE GRADUATES MEET CURRENT MARKET DEMAND FOR BIG DATA ANALYTICS PROFESSIONALS?**

- Jensen J. Zhao
  - Ball State University
  - jzhao@bsu.edu

- 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

**ADVANTAGES, CHALLENGES, AND SUCCESS FACTORS IN IMPLEMENTING INFORMATION TECHNOLOGY INFRASTRUCTURE LIBRARY**

- Alice E. Cook
  - University of North Alabama
  - aecook@una.edu

- Andrew S. Gann
  - University of North Alabama
  - agann2@una.edu

- Daniel A. Ray
  - University of North Alabama
  - dray4@una.edu

- Xihui Zhang
  - University of North Alabama
  - xzhang6@una.edu

**DEVELOPING A SENIOR PROJECT MANAGEMENT CAPSTONE COURSE FOR INFORMATION SYSTEMS AND TECHNOLOGY MAJORS**

- Renel Smith
  - University of the Virgin Islands
  - renel.smith@uvi.edu
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:30 – 1:00 p.m. (CST)</td>
<td>Networking Break Online Room: Redstone</td>
</tr>
</tbody>
</table>

### Thursday, October 7, 2021, 1:00 – 2:00 p.m. (Central Daylight Time)

<table>
<thead>
<tr>
<th>Room: Deer Park</th>
<th>Session Chair: Angela R. Stone</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Technology Implementation</strong></td>
<td></td>
</tr>
<tr>
<td>OPENFLOW SWITCH AS A POLICY BASED SYSTEM</td>
<td></td>
</tr>
<tr>
<td>Abdur Rahim Choudhary Choudhary Associates</td>
<td></td>
</tr>
<tr>
<td><a href="mailto:arc@choudharyassociates.com">arc@choudharyassociates.com</a></td>
<td></td>
</tr>
<tr>
<td>UNDERSTANDING SUCCESS FACTORS FOR ERP IMPLEMENTATION: AN INTEGRATION OF LITERATURE AND EXPERIENCE</td>
<td></td>
</tr>
<tr>
<td>Angela R. Stone University of North Alabama <a href="mailto:astone1@una.edu">astone1@una.edu</a></td>
<td></td>
</tr>
<tr>
<td>Xihui Zhang University of North Alabama <a href="mailto:xzhang6@una.edu">xzhang6@una.edu</a></td>
<td></td>
</tr>
<tr>
<td>THE USE OF METAPHOR IN SYSTEMS ENGINEERING PRACTICE: A PRELIMINARY SOCIOLOGICAL STUDY</td>
<td></td>
</tr>
<tr>
<td>Paul D. Nugent Western Connecticut State University <a href="mailto:nugentp@wcsu.edu">nugentp@wcsu.edu</a></td>
<td></td>
</tr>
<tr>
<td>Richard Montague Western Connecticut State University <a href="mailto:montaguer@wcsu.edu">montaguer@wcsu.edu</a></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Room: Pike’s Peak</th>
<th>Session Chair: Leila Halawi</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Internet, Virtual Machines, Customer Service</strong></td>
<td></td>
</tr>
<tr>
<td>THE ROLE OF THE INTERNET IN INTELLIGENCE GATHERING &amp; SPREADING PROPAGANDA</td>
<td></td>
</tr>
<tr>
<td>Leila Halawi Embry Riddle Aeronautical University <a href="mailto:halawil@erau.edu">halawil@erau.edu</a></td>
<td></td>
</tr>
<tr>
<td>DISTRIBUTED KNN ALGORITHM USING VIRTUAL MACHINES</td>
<td></td>
</tr>
<tr>
<td>Joshua Thomas Purdue University Northwest <a href="mailto:thoma662@pnw.edu">thoma662@pnw.edu</a></td>
<td></td>
</tr>
<tr>
<td>Yash Patel Purdue University Northwest <a href="mailto:patel971@pnw.edu">patel971@pnw.edu</a></td>
<td></td>
</tr>
<tr>
<td>Zachary Nippert Purdue University Northwest <a href="mailto:znippert@pnw.edu">znippert@pnw.edu</a></td>
<td></td>
</tr>
<tr>
<td>George Stefanek Purdue University Northwest <a href="mailto:stefanek@pnw.edu">stefanek@pnw.edu</a></td>
<td></td>
</tr>
<tr>
<td>Ronald C Rabello De Castro Purdue University Northwest <a href="mailto:rdecastr@pnw.edu">rdecastr@pnw.edu</a></td>
<td></td>
</tr>
<tr>
<td>CULTURAL DIFFERENCE &amp; CONSUMER SATISFACTION WHEN INTERACTING WITH TECHNOLOGY MEDIATED CUSTOMER SERVICES</td>
<td></td>
</tr>
<tr>
<td>Suhong Li Hal Records <a href="mailto:sli@bryant.edu">sli@bryant.edu</a> <a href="mailto:hrecords@bryant.edu">hrecords@bryant.edu</a></td>
<td></td>
</tr>
<tr>
<td>Kamel Rouibah Robert Behling <a href="mailto:ghallawy@gmail.com">ghallawy@gmail.com</a> <a href="mailto:behlingr@hotmail.com">behlingr@hotmail.com</a></td>
<td></td>
</tr>
</tbody>
</table>
### Program & Course Development

#### DEVELOPING A MASTER’S DEGREE PROGRAM IN DATA SCIENCE
- John C. Stewart  
  Robert Morris University  
  stewartj@rmu.edu
- G. A. Davis  
  Robert Morris University  
  davis@rmu.edu
- Diane Igoche  
  Robert Morris University  
  igoche@rmu.edu

#### ARE INFORMATION SYSTEMS MAJORS CRITICAL THINKERS?
- Judy Wynekoop  
  Florida Gulf Coast University  
  jwyneko@fgcu.edu
- Kazuo Nakatani  
  Florida Gulf Coast University  
  knakatan@fgcu.edu

#### HOW DOES IT SECURITY AFFECT THE FIT OF REMOTE COLLABORATION TECHNOLOGY?
- Linwu Gu  
  Independent Consultant  
  gulinwu5@gmail.com
- Jianfeng Wang  
  Slippery Rock University  
  wangufa3@gmail.com

### Security & Privacy

#### SECURITY AND PRIVACY IN MACHINE LEARNING: A SURVEY
- Gayatri Sravanthi Kuntla  
  Kennesaw State University  
  gkuntla@students.kennesaw.edu
- Xin Tian  
  Kennesaw State University  
  xtian2@kennesaw.edu
- Zhigang Li  
  Kennesaw State University  
  zli8@kennesaw.edu

#### CURRENT PRIVACY POLICY ATTITUDES & FAIR INFORMATION PRACTICE PRINCIPLES: A MACRO AND MICRO ANALYSIS
- Jacob Klemovitch  
  Undergraduate, Penn State University  
  jck40@psu.edu
- Lauren Sciabbarasi  
  Undergraduate, Penn State University  
  lms529@psu.edu
- Alan Peslak  
  Penn State University  
  arp14@psu.edu

#### A CASE STUDY IN SELECTION & DEPLOYMENT OF A MULTI-FACTOR AUTHENTICATION SOLUTION
- Elizabeth C. Donald  
  University of North Alabama  
  edonald@una.edu
- Michael A. Bumpus  
  University of North Alabama  
  mbumpus@una.edu
- Xihui Zhang  
  University of North Alabama  
  xzhang6@una.edu

---

**Room:** Warm Springs  
**Session Chair:** Judy Wynekoop

**Room:** Tiger Mountain  
**Session Chair:** Xin Tian

---

**Room:** Redstone

**Networking available all day.**  
Join us any time during the conference.

---

The IACIS 2021 Conference Program is an official publication of the INTERNATIONAL ASSOCIATION FOR COMPUTER INFORMATION SYSTEMS
Thursday, October 7, 2021, 2:10 – 3:10 p.m. (Central Daylight Time)

<table>
<thead>
<tr>
<th>Room: Deer Park</th>
<th>Room: Pike’s Peak</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Session Chair:</strong> Barbara Jo White</td>
<td><strong>Session Chair:</strong> Peter W. Cardon</td>
</tr>
</tbody>
</table>

**Data Mining & Big Data Effect**

**TEXT MINING TO IDENTIFY THE ORIGIN OF CHRONIC WASTING DISEASE**

G. Kent Webb  
San Jose State University  
g.webb@sjsu.edu

**WIDEN THE BIG TENT FOR BIG DATA: UNDERSTANDING BUSINESS STUDENT PERCEPTIONS OF TABLEAU**

Heidi L. Dent  
Western Carolina University  
hdent@email.wcu.edu

Barbara Jo White  
Western Carolina University  
whiteb@email.wcu.edu

William A. Kapakos  
Western Carolina University  
wakapakos@email.wcu.edu

H. Kevin Fulk  
Western Carolina University  
hfulk@email.wcu.edu

**THE EFFECT OF BIG DATA ANALYTICS ON FIRM PERFORMANCE**

Steve Zhou  
University of Houston Downtown  
drbinzhou@yahoo.com

Xinxin Hu  
University of Houston Downtown  
hux@uhd.edu

**Communication & Presentation Research**

**WHAT DO CONFERENCE ATTENDEES WANT FROM ACADEMIC PRESENTATIONS? A STUDY OF AN INFORMATION SYSTEMS PROFESSIONAL ORGANIZATION**

Brad Fowler  
Georgia College  
brad.fowler@gcsu.edu

Peter W. Cardon  
University of Southern California,  
cardon@marshall.usc.edu

Bryan Marshall  
Georgia College  
bryan.marshall@gcsu.edu

Kevin Elder  
Georgia College  
kevin.elder@gcsu.edu

**AN EXPLORATORY STUDY OF A LARGE, SYNCHRONOUS, MULTILINGUAL ELECTRONIC MEETING**

Mahesh Vanjani  
Texas Southern University  
mahesh.vanjani@tsu.edu

Jamison Posey  
University of Mississippi  
jposey@bus.olemiss.edu

Milam Aiken  
University of Mississippi  
maiken@bus.olemiss.edu

**COVID-19 AND REMOTE WORK: IS IT SUSTAINABLE?**

Roger Finnegan  
Metropolitan State University  
roger.finnegan@metrostate.edu
### E-Governance and Security

<table>
<thead>
<tr>
<th>Topic</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>REENGINEERING BUREAUCRACY FOR EFFECTIVE E-GOVERNANCE</td>
<td>Mysore Ramaswamy (Southern University and A&amp;M College)</td>
</tr>
<tr>
<td>ASSESSING U.S. &amp; SLOVENIAN ORGANIZATIONAL SECURITY CULTURE WITH HOFSTEDE’S NATIONAL CULTURE FRAMEWORK</td>
<td>Fred Hoffman (Mercyhurst University)</td>
</tr>
<tr>
<td>AN EXPLORATION IN FORENSIC EVIDENCE IN A CLOUD COMPUTING ENVIRONMENT</td>
<td>Jason E. James (Indiana State University)</td>
</tr>
</tbody>
</table>

### Pandemic Research Advances

<table>
<thead>
<tr>
<th>Topic</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANALYZING COVID-19 TIME-SERIES DATA &amp; GOVERNMENT POLICY RESPONSES FOR FORECASTING DEATHS</td>
<td>Joshua Hammond (University of St. Thomas)</td>
</tr>
<tr>
<td></td>
<td>Melinda Caouette (University of St. Thomas)</td>
</tr>
<tr>
<td></td>
<td>Manjeet Rege (University of St. Thomas)</td>
</tr>
<tr>
<td>TEACHERS’ SENSE OF EFFICACY &amp; TECHNOLOGY ACCEPTANCE DURING THE COVID-19 PANDEMIC</td>
<td>Katherine Carl (Governors State University)</td>
</tr>
<tr>
<td>KNOWLEDGE CREATION IN PANDEMIC TIME: CHALLENGES &amp; OPPORTUNITIES</td>
<td>Cheng-Jen “CJ” Liu (The MITRE Corporation)</td>
</tr>
<tr>
<td></td>
<td>Wenli Wang (Robert Morris University)</td>
</tr>
</tbody>
</table>

---

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:20 – 4:20 p.m.</td>
<td>JCIS Editorial Board Meeting</td>
<td>Redstone</td>
</tr>
</tbody>
</table>

---

*The IACIS 2021 Conference Program is an official publication of the INTERNATIONAL ASSOCIATION FOR COMPUTER INFORMATION SYSTEMS*
**FRIDAY, OCTOBER 8, 2021**

**Friday, October 8, 2021, 9:00 – 10:00 a.m. (Central Daylight Time)**

| **Upskilling Digital Trust: Challenges for the Immediate Future** |
| *Keynote Address by Dr. Jose Luis Guerrero-Cusumano*
| Faculty, Operations and Information Management (OPIM) Group
| Georgetown Business School |

**Online Room:**
Redstone

---

**Friday, October 8, 2021, 10:10 – 11:10 a.m. (Central Daylight Time)**

| **Applications of Big Data Analytics** |
| **BIG DATA ANALYTICS IN HIGHER EDUCATION** |
| Dušan Lesjak  
University of Primorska & ISSBS  
dusan.lesjak@guest.arnes.si |
| Srečko Natek  
ISSBS  
srecko.natek@issbs.si |
| Frederick Kohun  
Robert Morris University  
kohun@rmu.edu |
| **BIG DATA ANALYTICS TALENT QUALITY** |
| Alex Koohang  
Middle Georgia State University  
alex.koohang@mga.edu |
| Jeretta Horn Nord  
Oklahoma State University  
jeretta.nord@okstate.edu |
| Vicky Sandoval  
Middle Georgia State University  
vicky.sandoval@mga.edu |
| Angela Munoz  
Middle Georgia State University  
angela.munoz@mga.edu |

| **Blockchain Management** |
| **BLOCKCHAIN DOES NOT REPLACE FINANCIAL STATEMENT AUDITS: THE VERIFICATION ISSUE** |
| Carol Sargent  
Middle Georgia State University  
carol.sargent@mga.edu |
| **EXPLORING BLOCKCHAIN PERFORMANCE WITH CPUHEAVY MICROBENCHMARK ON SMART CONTRACTS** |
| Beloved Egbedion  
Georgia Southern University  
be02054@georgiasouthern.edu |
| Hayden Wimmer  
Georgia Southern University  
hwimmer@georgiasouthern.edu |
| Carl M. Rebman Jr., University of San Diego  
carlr@sandiego.edu |
| **BLOCKCHAIN ADOPTION IN PROJECT MANAGEMENT** |
| Eugene Amoah  
Texas A & M University- Kingsville  
eugene.amoah@students.tamuk.edu |
| Joon-Yeoul Oh  
Texas A & M University- Kingsville  
joon-yeoul.oh@tamuk.edu |

---

The IACIS 2021 Conference Program is an official publication of the INTERNATIONAL ASSOCIATION FOR COMPUTER INFORMATION SYSTEMS
# BIG DATA APPLICATIONS IN ACCOUNTING: INSIGHTS FOR HIGHER EDUCATION CURRICULUM PLANNING

Aimee Hoodlebrink  
Ball State University  
arhoodlebrin@bsu.edu  

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

Jensen J. Zhao  
Ball State University  
jzhao@bsu.edu  

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

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

<table>
<thead>
<tr>
<th>Room: Warm Springs</th>
<th>Room: Tiger Mountain</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session Chair: Hubert D'Cruze</td>
<td>Session Chair: Wendi M. Kappers</td>
</tr>
</tbody>
</table>

## Network Security

**HONEYPOTS & KNOWLEDGE FOR NETWORK DEFENSE**

- **Best Paper Award (Research)**

  Ping Wang  
  Robert Morris University  
  wangp@rmu.edu  

  Hubert D'Cruze  
  University of Maryland  
  hubert.dcruze@yahoo.com

- **DEPENDENCE ON SOCIAL NETWORK SITE: A MULTIDIMENSIONAL APPROACH TO BENEFITS, TRUST, AND USE**

  Edgardo Bravo  
  Universidad del Pacífico  
er.bravoo@up.edu.pe  

  Ana Gabriela Cuentas  
  Universidad del Pacífico  
  ag.cuentasr@up.edu.pe

## IT Advanced & Research

**REVIVING THE INDUSTRY SYSTEM CONSTRUCT: A LOOK AT THE 5G NETWORK EQUIPMENT MANUFACTURING INDUSTRY**

- The MITRE Corporation  
  Rick Randall  
  rrandall@mitre.org  

  Michael Heffner  
  mheffner@mitre.org  

  Vinay Lakshminarayan  
  vinay@mitre.org

**CYBER INSURANCE EFFECTS ON CYBER HYGIENE: DOES THE HOMEOSTATIC EFFECT APPLY?**

- Embry-Riddle Aeronautical University  
  Wendi M. Kappers  
  kappersw@erau.edu  

  Aaron Glassman  
  glassf10@erau.edu  

  Michael S. Wills  
  wills004@erau.edu
<table>
<thead>
<tr>
<th>ENTERPRISE NETWORK SECURITY FROM CLOUD COMPUTING PERSPECTIVE</th>
</tr>
</thead>
</table>
| Katherine Rongstad  
University of Wisconsin – Eau Claire  
rongstkr9975@uwec.edu |
| Ruidong Zhang  
University of Wisconsin – Eau Claire  
zhangr@uwec.edu |

<table>
<thead>
<tr>
<th>TACKLING HOMELESSNESS THROUGH AI POWERED SOCIAL INNOVATIONS: A NOVEL AND GROUND-BREAKING ASSESSMENT OF CRIMINAL VICTIMIZATION OF HOMELESS POPULATIONS IN LOS ANGELES EMPLOYING PREDICTIVE ANALYTICS AND MACHINE LEARNING MODELS SUCH AS ARIMA &amp; LSTM</th>
</tr>
</thead>
</table>
| Ovais Rehman Shah  
Minot State University  
ovais.shah@minotstateu.edu |
| Lori Willoughby  
Minot State University  
lori.willoughby@minotstateu.edu |
| Nicholas Bowersox  
Minot State University  
nicholas.bowersox@minotstateu.edu |

**Room:** Redstone Networking  

**Networking available all day.**  
Join us any time during the conference.
**Friday, October 8, 2021, 11:20 a.m. – 12:20 p.m. (Central Daylight Time)**

<table>
<thead>
<tr>
<th>Room: Deer Park</th>
<th>Room: Pike’s Peak</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Session Chair:</strong> Angela Munoz</td>
<td><strong>Session Chair:</strong> Debra J. Borkovich</td>
</tr>
</tbody>
</table>

### Data Applications

**BOUNDED RATIONALITY: THE ROLE OF DATA IN MANAGERIAL DECISION MAKING**

Linda M. Pittenger  
Embry-Riddle Aeronautical University  
pittengl@erau.edu

Aaron Glassman  
Embry-Riddle Aeronautical University  
glassf10@erau.edu

Stacey Mumbower  
Embry-Riddle Aeronautical University  
mumbowes@erau.edu

**HIDDEN HANDICAPS OF DATA-DRIVEN BENCHMARKING: THE CASE OF SHAREHOLDER LITIGATION RISK EXPOSURE ESTIMATION**

Andrew D. Banasiewicz  
Merrimack College  
banasiewicz@merrimack.edu

**IT LEADERSHIP’S ROLE IN IMPLEMENTING CLOUD ENVIRONMENTS FOR SECURING CLINICAL DATA**

Angela Munoz  
Middle Georgia State University  
angela.munoz@mga.edu

Michael Ferig  
Middle Georgia State University  
michael.ferig@mga.edu

Pamela Vantine  
Middle Georgia State University  
pamela.vantine@mga.edu

### Online Learning & Gaming

**VIRTUAL SOCIAL DISTANCING: A DIGITAL ETHNOGRAPHY OF ONLINE LEARNING**

Debra J. Borkovich  
Middle GA State University  
debra.borkovich@mga.edu

Robert J. Skovira  
Robert Morris University  
skovira@rmu.edu

Frederick Kohun  
Robert Morris University  
kohun@rmu.edu

**STUDENT PERSPECTIVES OF ONLINE LEARNING DURING THE COVID-19 PANDEMIC**

Adnan Chawdhry  
California University of PA  
chawdhry_A@calu.edu

Karen Paullet  
Robert Morris University  
pauleott@rmu.edu

Jeanne Baugh  
Robert Morris University  
baugh@rmu.edu

Debra Nakama  
University of Hawaii Maui College,  
debrina@hawaii.edu

**UNDERSTANDING ANTECEDENTS OF ONLINE GAMERS’ NEGATIVE EMOTIONS DURING THE COVID-19 PANDEMIC**

Qiunan Zhang  
University of Memphis  
qzhang4@memphis.edu

Colin G. Onita  
San Jose State University  
colin.onita@sjsu.edu
<table>
<thead>
<tr>
<th>Room: Warm Springs</th>
<th>Room: Tiger Mountain</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Session Chair:</strong> Dexter Gittens</td>
<td><strong>Session Chair:</strong> Manjeet Rege</td>
</tr>
</tbody>
</table>

### Project & Knowledge Management

**A SYSTEMATIC LITERATURE REVIEW: HOW AGILE IS AGILE PROJECT MANAGEMENT?**

- Andy Behrens
  Dakota State University
  andrew.behrens@dsu.edu

- Martinson Ofori, Dakota State University
  martinson.ofori@trojans.dsu.edu

- Cherie Noteboom
  Dakota State University
  cherie.noteboom@dsu.edu

- Dave Bishop
  Dakota State University
  dave.Bishop@dsu.edu

**PROACTIVELY SEEKING NEW KNOWLEDGE IN SOCIAL ENCOUNTERS FOR TEACHING**

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

- Jae Choi
  Pittsburg State University
  jchoi@pittstate.edu

- Dexter Gittens
  Alabama State University
  dgittens@alasu.edu

### Prediction Research

**RELIABILITY OF NLP MODELS TO PREDICT HUMAN SENTIMENTS**

- University of St. Thomas
  Amrut Khatri
  amrut.khatri@stthomas.edu

- Dennis Labajo
  laba3383@stthomas.edu

- Manjeet Rege
  rege@stthomas.edu

**BREAST CANCER SURVIVAL ANALYSIS USING ML MODELS**

- University of St. Thomas
  Parthasarathi Tumu
  part6550@stthomas.edu

- Vaghindra Manchenasetty
  vaghi.manchenasetty@stthomas.edu

- Manjeet Rege
  rege@stthomas.edu

**MUSIC MARCH MADNESS: PREDICTING THE WINNER OF LOCURA DE MARZO**

- Bryant University
  Kevin Mentzer
  kmentzer@bryant.edu

- Zachary Galante
  zachgalante62@gmail.com

- Brenna Rojek
  universitybrojek@bryant.edu

- Rachel Cardarelli
  cardarellirachel@gmail.com
<table>
<thead>
<tr>
<th>AN EMPIRICAL STUDY OF THE IMPACT OF KNOWLEDGE ACQUISITION, SHARING AND UTILIZATION ON ORGANIZATIONAL PERFORMANCE OF HIGHER EDUCATION INSTITUTIONS (HEIS), &amp; THE MODERATING ROLE OF ORGANIZATIONAL CULTURE</th>
</tr>
</thead>
</table>
| Armel Djangone  
Dakota State University  
armel.djangone@trojans.dsu.edu |
| Omar El-Gayar  
Dakota State University  
omar.el-gayar@dsu.edu |

**Room:** Redstone

 Networking available all day.  
Join us any time during the conference.

<table>
<thead>
<tr>
<th>12:30 – 1:30 p.m.</th>
<th>Central Daylight Time</th>
</tr>
</thead>
</table>
| **Awards Ceremony** | **Online Room:**  
Redstone |
## E-Commerce, IT Creativity, and Learning

**A VALIDATION OF AFFECTIVE TRUST CONSTRUCT IN B2C E-COMMERCE**

Wei Sha  
Pittsburg State University  
wsha@pittstate.edu

**THE DETERMINANTS OF IT CREATIVITY AT THE REGIONAL LEVEL: AN EMPIRICAL STUDY**

Haiwook Choi  
Morehead State University  
h.choi@moreheadstate.edu

Hae-Yeon Choi  
Savannah State University  
choi@savannahstate.edu

Jahmani Yousef  
Savannah State University  
jahmaniy@savannahstate.edu

**THE IMPACT OF VIRTUAL ROTATION ON STUDENT ENGAGEMENT & PERFORMANCE**

Peter J. Draus  
Robert Morris University  
draus@rmu.edu

## Internet of Things

**SECURITY ANALYSIS OF THE AMAZON ECHO DOT**

Robert Brinson  
Georgia Southern University  
rb07498@georgiasouthern.edu

Hayden Wimmer  
Georgia Southern University  
hwimmer@georgiasouthern.edu

Queen Booker  
Metropolitan State University  
queen.booker@metrostate.edu

**THE INTERNET OF THINGS & THE DISRUPTIONS OF INNOVATION**

Elsie Balderas  
Middle Georgia State University  
elsie.balderas@mga.edu

**VIRTBOT: EXPLORING CHATBOT DESIGN FOR PROMOTING SCIENTIFIC INITIATIVES**

Thomas Lombardi  
University of the Virgin Islands  
thomas.lombardi@uvi.edu

Matt North  
Utah Valley University  
mnorth@uvu.edu

N. Brice Orange  
OrangeWave Innovative Science, LLC  
orangewaveno@gmail.com

Kisha Coulanges  
University of the Virgin Islands  
kisha.coulanges@students.uvi.edu

Jace Johnson  
Utah Valley University  
jacejerryjohnson@gmail.com
<table>
<thead>
<tr>
<th>Room: Warm Springs</th>
<th>Room: Tiger Mountain</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Session Chair:</strong> Jennifer L. Breese</td>
<td><strong>Session Chair:</strong> David Smith</td>
</tr>
</tbody>
</table>

### Data Analysis

**INFLUENCE OF DATA-DRIVEN METHODS IN PREDICTING U.S. PRESIDENTIAL ELECTIONS FOR A SPECIFIC AGE RANGE USING SOCIAL MEDIA**

Mel Tomeo  
Miami Dade College  
tomeo@mdc.edu

David Hertz  
Pittsburgh Technical College  
hertz.david@ptcollege.edu

John J. Scarpino  
Pittsburgh Technical College  
scarpino.john@ptcollege.edu

Richard Bryant  
Pittsburgh Technical College  
bryant.richard@ptcollege.edu

Michael Hodder  
Pittsburgh Technical College  
hodder.michael@ptcollege.edu

### Program & Curriculum Research

**QUALIFICATION REQUIREMENTS FOR ENTRY-LEVEL IT POSITIONS AND IT CURRICULUM: A LITERATURE REVIEW**

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

Jae Choi  
Pittsburg State University  
jchoi@pittstate.edu

**RECOMMENDATIONS FOR DESIGN ELEMENTS OF DOCTORAL PROGRAMS TO ENHANCE DISSERTATION COMPLETION RATES**

Azad Ali  
Capella University  
azad.ali@capella.edu

Shardul Pandya  
Capella University  
shardul.pandya@capella.edu

**COMPUTING PROGRAM REALIGNMENTS: ISSUES & RECOMMENDATIONS**

Pankaj Chaudhary  
North Carolina Agricultural & Technical State University  
pchaudhary@ncat.edu

David Smith  
Indiana University of Pennsylvania  
dtsmith@iup.edu

Azad Ali  
azadali@comcast.net

### COMPETENCY EVALUATION FOR CAREERS IN BUSINESS INTELLIGENCE ANALYSIS

Mark Fox  
Indiana University South Ben  
mfox1@iusb.edu

Jennifer L. Breese  
Penn State University  
jzb545@psu.edu

Ganesh Vaidyanathan  
Roosevelt University  
vaidyanathan@roosevelt.edu

### DESCRIPTIVE ANALYSIS OF SOCIAL MEDIA ADOPTION & UTILIZATION IN AACSB SCHOOLS

Indira Rani Priyadarshini Srikoo  
Governors State University  
priyasirp28@gmail.com

Dalsang Chung  
Governors State University  
dchung@govst.edu
**COVID-19 Research**

**A REVIEW ON COVID-19 RELATED RESEARCH IN LEADING INFORMATION SYSTEMS JOURNALS**

- **Jay Liebowitz Award**
  - Yuming He
    - Old Dominion University
    - yhe004@odu.edu
  - Wenzhuo Li
    - Old Dominion University
    - wlxx005@odu.edu
  - Xin Tian
    - Kennesaw State University
    - xtian2@kennesaw.edu
  - Yunfei Xing
    - Central China Normal University
    - xingyf@mail.ccnu.edu.cn

**COMPUTING FACULTY INTERNATIONALIZATION PERCEPTIONS: THE IMPACT OF COUNTRY & COVID-19**

- Middle Georgia State University
  - John Girard
    - john.girard@mga.edu
  - Laura Thomason
    - laura.thomason@mga.edu
  - Chris Tsavatewa
    - chris.tsavatewa@mga.edu

**COVID-19 LITERATURE TREND & TOPICS ANALYSES USING INTELLIGENT TEXT MINING**

- Jonathan He
  - Princess Anne High School
  - jonathanhe12345678@gmail.com
- Rashad Saleem
  - Plainfield High School
  - rashadbsaleem@gmail.com

**Data Literacy, IT Equity, Student Perceptions**

**CATEGORIZING COVID-19 LITERATURE FROM THE PERSPECTIVE OF DATA LITERACY: A SYSTEMATIC LITERATURE REVIEW**

- Badr Harfoush
  - Dakota State University
  - badr.harfoush@trojans.dsu.edu
- Akhilesh Chauhan
  - Dakota State University
  - akhilesh.chauhan@trojans.dsu.edu
- Cherie Noteboom
  - Dakota State University
  - cherie.noteboom@dsu.edu

**EQUITY & SATISFACTION IN IT: A CURRENT ANALYSIS**

- Alan Peslak
  - Penn State University
  - arp14@psu.edu
- Wendy Ceccucci
  - Quinnipiac University
  - ceccucci@qu.edu
- Scott Hunsinger
  - Appalachian State University
  - hunsingerds@appstate.edu
- Patricia Sendall
  - Merrimack College
  - sendallp@merrimack.edu

**STUDENT PERCEPTIONS OF A CYBERSECURITY SERVICE-LEARNING PROJECT**

- Kembley Lingelbach
  - Middle Georgia State University
  - kembley.lingelbach@mga.edu
<table>
<thead>
<tr>
<th>Room: Warm Springs</th>
<th>Room: Tiger Mountain</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Session Chair:</strong> Karen Paullet</td>
<td><strong>Session Chair:</strong> Fred Hoffman</td>
</tr>
</tbody>
</table>

**Recruitment, Skills Id, Engaging Learners**

**RECRUITING TRANSFER STUDENTS FROM RURAL COLLEGES IN IT/STEM PROGRAMS**

- Diane Igoche  
  Robert Morris University  
  igoche@rmu.edu

- Karen Paullet  
  Robert Morris University  
  paullet@rmu.edu

- Natalya Bromall  
  Robert Morris University  
  bromall@rmu.edu

**IT SKILLS GAP: A SURVEY OF IT STUDENTS’ KNOWLEDGE IN 4 KEY DOMAINS**

- Kevin Slonka  
  University of Pittsburgh, slonka@pitt.edu

- Natalya Bromall  
  Robert Morris University  
  bromall@rmu.edu

- Sushma Mishra  
  Robert Morris University  
  mishra@rmu.edu

- Peter J. Draus  
  Robert Morris University  
  draus@rmu.edu

**A PRACTICAL FRAMEWORK TO ENGAGE STUDENTS IN COLLEGE TEACHING**

- Virginia State University  
  Xue Bai  
  xbai@vsu.edu  
  Ephrem Eyob  
  eeyob@vsu.edu

- Ade Ola  
  aola@vsu.edu

- Serena Reese  
  sreese@vsu.edu

**Framework Validity Research & Medical Analysis**

**A PARTICIPANT OBSERVATION APPROACH TO ASSESSING THE VALIDITY OF HOFSTEDE’S NATIONAL CULTURE FRAMEWORK**

- Fred Hoffman  
  Mercyhurst University  
  fhoffman@mercyhurst.edu

**PRINCIPAL COMPONENT ANALYSIS FOR DECISION MAKING IN HEALTHCARE AND HOSPITAL READMISSIONS**

- Taiwo Ajani  
  Ferrum College  
  tajani@ferrum.edu

- George Habek  
  CT Global Solutions  
  ghabek@msn.com
<table>
<thead>
<tr>
<th>Room: Redstone</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Networking available all day. Join us any time during the conference." /></td>
</tr>
</tbody>
</table>

| 3:50 – 4:20 p.m. Central Daylight Time | Closing Ceremony | Online Room: Redstone |
The *Journal of Computer Information Systems (JCIS)* aims to publish manuscripts that explore information systems and technology research and thus develop computer information systems globally.

We encourage manuscripts that cover the following topic areas:

- Analytics, Business Intelligence, Decision Support Systems in Computer Information Systems
- Mobile Technology, Mobile Applications
- Human-Computer Interaction
- Information and/or Technology Management, Organizational Behavior & Culture
- Data Management, Data Mining, Database Design and Development
- E-Commerce Technology and Issues in computer information systems
- Computer systems enterprise architecture, enterprise resource planning
- Ethical and Legal Issues of IT
- Health Informatics
- Information Assurance and Security-Cyber Security, Cyber Forensics
- IT Project Management
- Knowledge Management in computer information systems
- Networks and/or Telecommunications
- Systems Analysis, Design, and/or Implementation
- Web Programming and Development
- Curriculum Issues, Instructional Issues, Capstone Courses, Specialized Curriculum Accreditation
- E-Learning Technologies, Analytics, Future

We operate a rigorous double-blind peer review process. Visit our Instructions for Authors page for information on preparing your manuscript.

**AUTHOR BENEFITS**

JCIS is an affiliated journal of the International Association for Computer Information Systems meaning your research will be available across all their members.

We are abstracted and indexed in several high-profile databases including Scopus, Inspect and the Science Citation Index.

The prestigious and experienced members of our international Editorial Board will guide you from submission to publication.

Our Author Services page provides you with tips and tricks to promote your research on social media and through your network. This includes 50 free e-prints to share with anyone you wish.

Quickly and easily track the impact your paper makes with the help of Authored Works.
We would like to express our appreciation to the 2021 Editorial Review Board members who invested their time reviewing papers and providing authors valuable feedback for this year's conference and *Issues in Information Systems (IIS)*. We greatly appreciate your service and contributions.

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aaron Glassman</td>
<td>Embry-Riddle Aeronautical University</td>
</tr>
<tr>
<td>Adam Skrzypek</td>
<td>Siedlce University of Natural Sciences and Humanities</td>
</tr>
<tr>
<td>Agnieszka Bitkowska</td>
<td>Warsaw University of Technology</td>
</tr>
<tr>
<td>Agnieszka Werenowska</td>
<td>Warsaw University of Life Sciences – SGGW</td>
</tr>
<tr>
<td>Alan Peslak</td>
<td>Penn State University</td>
</tr>
<tr>
<td>Alex Koohang</td>
<td>Middle Georgia State University</td>
</tr>
<tr>
<td>Allen Truell</td>
<td>Ball State University</td>
</tr>
<tr>
<td>Amy Hartzell</td>
<td>Robert Morris University</td>
</tr>
<tr>
<td>Andrew Banasiewicz</td>
<td>Merrimack College</td>
</tr>
<tr>
<td>Andrew Behrens</td>
<td>Dakota State University</td>
</tr>
<tr>
<td>Angela Munoz</td>
<td>Middle Georgia State University</td>
</tr>
<tr>
<td>Anna Losa-Jonczyk</td>
<td>The University of Economics in Katowice</td>
</tr>
<tr>
<td>Anthony Rodi</td>
<td>University of Pittsburgh</td>
</tr>
<tr>
<td>Armel Djangone</td>
<td>Dakota State University</td>
</tr>
<tr>
<td>Ashraf Shirani</td>
<td>San Jose State University</td>
</tr>
<tr>
<td>Azad Ali</td>
<td>Capella University</td>
</tr>
<tr>
<td>Badr Harfoush</td>
<td>Dakota State University</td>
</tr>
<tr>
<td>Barbara Wyrzykowska</td>
<td>Management Institute</td>
</tr>
<tr>
<td>BK Pathak</td>
<td>Indiana University South Bend</td>
</tr>
<tr>
<td>Carl Rebman</td>
<td>University of San Diego</td>
</tr>
<tr>
<td>Carol Sargent</td>
<td>Middle Georgia State University</td>
</tr>
<tr>
<td>Cherie Noteboom</td>
<td>Dakota State University</td>
</tr>
<tr>
<td>Colin Onita</td>
<td>San Jose State University</td>
</tr>
<tr>
<td>Constanta-Nicoleta Bodea</td>
<td>The Bucharest University of Economic studies</td>
</tr>
<tr>
<td>Debra J Borkovich</td>
<td>Middle Georgia State University</td>
</tr>
<tr>
<td>Donna Cellante</td>
<td>Robert Morris University</td>
</tr>
<tr>
<td>Ewa Stawicka</td>
<td>Warsaw University of Life Sciences - SGGW</td>
</tr>
<tr>
<td>Fatih Çetin</td>
<td>Nigde Ömer Halisdemir Üniversitesi</td>
</tr>
<tr>
<td>G. Kent Webb</td>
<td>San Jose State University</td>
</tr>
<tr>
<td>Gary Janchenko</td>
<td>Robert Morris University</td>
</tr>
<tr>
<td>George Stefanek</td>
<td>Purdue University Northwest</td>
</tr>
<tr>
<td>Heidi Dent</td>
<td>Western Carolina University</td>
</tr>
<tr>
<td>Hossein Zare</td>
<td>Johns Hopkins Bloomberg School of Public Health</td>
</tr>
<tr>
<td>Hubert D Cruze</td>
<td>University of Maryland</td>
</tr>
<tr>
<td>Inkyoung Hur</td>
<td>Florida Atlantic University</td>
</tr>
<tr>
<td>Name</td>
<td>Affiliation</td>
</tr>
<tr>
<td>-----------------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>Iwona Otola</td>
<td>Czestochowa University of Technology</td>
</tr>
<tr>
<td>Jamie Pinchot</td>
<td>Robert Morris University</td>
</tr>
<tr>
<td>Jaron Harris</td>
<td>Robert Morris University</td>
</tr>
<tr>
<td>Jason James</td>
<td>Indiana State University</td>
</tr>
<tr>
<td>Jean Pratt</td>
<td>University of Wisconsin-Eau Claire</td>
</tr>
<tr>
<td>Jean Pridmore</td>
<td>University of West Georgia</td>
</tr>
<tr>
<td>Jessica Schwartz</td>
<td>University of the Cumberlands</td>
</tr>
<tr>
<td>Jianfeng Wang</td>
<td>Indiana University of Pennsylvania</td>
</tr>
<tr>
<td>Joanna Paliszkiewicz</td>
<td>Warsaw University of Life Sciences - SGGW</td>
</tr>
<tr>
<td>John Scarpino</td>
<td>Pittsburgh Technical College</td>
</tr>
<tr>
<td>John Girard</td>
<td>Middle Georgia State University</td>
</tr>
<tr>
<td>Jonathan He</td>
<td>Princess Anne High School</td>
</tr>
<tr>
<td>Joon-Yeoul Oh</td>
<td>Texas A&amp;M University-Kingsville</td>
</tr>
<tr>
<td>Jose Noguera</td>
<td>Southeastern Louisiana University</td>
</tr>
<tr>
<td>Joseph Compomizzi</td>
<td>Florida Atlantic University (FAU)</td>
</tr>
<tr>
<td>Kamel Crandall</td>
<td>Dakota State University</td>
</tr>
<tr>
<td>Karen Paullet</td>
<td>College of Business Administration, Kuwait University</td>
</tr>
<tr>
<td>Katarzyna Łukasik</td>
<td>Czestochowa University of Technology</td>
</tr>
<tr>
<td>Katarzyna Łukasiewicz</td>
<td>Warsaw University of Life Sciences – SGGW</td>
</tr>
<tr>
<td>Katherine Carl</td>
<td>Governors State University</td>
</tr>
<tr>
<td>Kembley Lingelbach</td>
<td>Middle Georgia State University</td>
</tr>
<tr>
<td>Kevin Mentzer</td>
<td>Bryant University</td>
</tr>
<tr>
<td>Kevin Slonka</td>
<td>University of Pittsburgh</td>
</tr>
<tr>
<td>Kevin Lee Elder</td>
<td>Georgia College</td>
</tr>
<tr>
<td>Kodey Crandall</td>
<td>Utah Valley University</td>
</tr>
<tr>
<td>Linda Pittenger</td>
<td></td>
</tr>
<tr>
<td>Loknath SaiAmbati</td>
<td>Dakota State University</td>
</tr>
<tr>
<td>Loye Ray</td>
<td>University of Maryland Global Campus</td>
</tr>
<tr>
<td>Mahesh Vanjani</td>
<td>Texas Southern University</td>
</tr>
<tr>
<td>Maria Elena Corbeil</td>
<td>The University of Texas Rio Grande Valley</td>
</tr>
<tr>
<td>Mariusz Sołtysik</td>
<td>Cracow University of Economics</td>
</tr>
<tr>
<td>Mark Fox</td>
<td>Indiana University South Bend</td>
</tr>
<tr>
<td>Martinson Ofori</td>
<td>Dakota State University</td>
</tr>
<tr>
<td>Maslin Masrom</td>
<td>Universiti Teknologi Malaysia</td>
</tr>
<tr>
<td>Mathew Erickson</td>
<td>Walsh University</td>
</tr>
<tr>
<td>Matt North</td>
<td>Utah Valley University</td>
</tr>
<tr>
<td>Matt McGowan</td>
<td>Bradley University</td>
</tr>
<tr>
<td>Michael Lohle</td>
<td>University of Bridgeport</td>
</tr>
<tr>
<td>Michael Wills</td>
<td>Embry-Riddle Aeronautical University</td>
</tr>
<tr>
<td>Michael Bumpus</td>
<td>University of North Alabama</td>
</tr>
<tr>
<td>Milam Aiken</td>
<td>University of Mississippi</td>
</tr>
<tr>
<td>Naidong Zhao</td>
<td>Beijing Institute of Fashion Technology</td>
</tr>
</tbody>
</table>

The IACIS 2021 Conference Program is an official publication of the INTERNATIONAL ASSOCIATION FOR COMPUTER INFORMATION SYSTEMS
Nan Sun
Natalya Bromall
Nina Drejerska
Nitin Jain
Pankaj Chaudhary
Paul Nugent
Paul Stephens
Ping Wang
Piotr Pietrzak
Piyush Vyas
Queen Booker
Rajkumar Kolakaluri
Raymond Angelo
Rene Corbeil
Renel Smith
Rick Randall
Roger Finnegan
Roger Finnegan
Saeed Tabar
Scott Spangler
SeongYong Hong
Seweryn Spalek
Srečko Natek
Stanley Mierzwa
Steve Zhou
Suhong Li
Temechu Zewdie
Thaddeus Shannon
Thomas Lombardi
Thomas Ngo-Ye
Vic Wilkinson
Wei Sha
Xihui Zhang
Xin Tian
Yilong Zheng
Yong Tang
Yuming He
Zefeng Bai
Zoroayka Sandoval

Washburn University
Robert Morris University
Warsaw University of Life Sciences
IIM Udaipur
NCAT State University
Western Connecticut State University
Bradley University
Robert Morris University
Warsaw University of Life Sciences
Dakota State University
Metrostate University Minneapolis
Quinnipiac University
University of Texas Rio Grande Valley
University of the Virgin Islands
MITRE
University of the Cumberlands
Metropolitan State University
Ball State University
Middle Georgia State University
Carson-Newman University
Silesian University of Technology
International School of Social and Business Studies
Kean University
University of Houston Downtown
Bryant University
University of the District of Columbia
Western Oregon University
University of the Virgin Islands
Alabama State University
Davenport University
Pittsburg State University
University of North Alabama
Kennesaw State University
Merrimack College
University of Electronic Science and Technology of China
Old Dominion University
Bentley University
Middle Georgia State University
Call for Proposals (Papers, Panels, Abstracts, Workshops)
62nd IACIS Annual Conference
October 5 - 8, 2022
Golden Nugget, Las Vegas, Nevada

Conference Theme: Digital Transformation and Disruptive Technologies

The theme of the 2022 IACIS annual conference is Digital Transformation and Disruptive Technologies. Digital transformation includes embracing disruptive technologies to enhance productivity and create values for organizations. You are invited to share your research that focuses on current and emerging topics related to the theme of the conference, e.g., 3D printing, 5G and improved connectivity, additive manufacturing, agile development, artificial intelligence and machine learning, automation and robotics, blockchain or hyperledger, cyber security advances, edge computing, headless tech, IoT connected devices, open APIs and microservices, the rise of “As-a-Service” computing, the work-from-home (WFH) revolution, virtual and augmented reality, voice-activated searches, or other relevant topics.

Submission Deadline
To meet conference deadlines, all submissions MUST be submitted online by May 30, 2022. Important: Please note that all submissions (full papers, extended abstracts, & abstracts) must be submitted by the deadline above to undergo the double-blind, peer review process and be considered for publication in either the Issues in Information Systems (IIS) or the conference proceedings.

What to Submit
You are invited to share your research on the conference theme, or other relevant IS and IT research, with the educators and professionals attending the IACIS International Conference. Papers covering related academic and technical issues are also encouraged. Submit Full pedagogy/research papers, Abstracts, or Panel presentation proposals. Submit only unpublished, original works. Proposals for workshops, panel presentations, and round table discussions should provide a general overview of the session's objectives and activities.

Publication Opportunity
All submissions are double-blind refereed. All high-marked full papers accepted in the review process will be fast-tracked for publication in Volume 23 of Issues in Information Systems, a publication of IACIS. Issues in Information Systems journal is a refereed, serial publication that is registered with the U.S. Library of Congress and listed in the Cabell's Directory of Publishing Opportunities in Management. All other accepted submissions will be published in the Conference Proceedings.

Where to Submit
Please visit the following link to submit online: https://iacis.org/conference/openconf-annual/openconf/openconf.php

Suggested Topics
Please visit: https://iacis.org/conference/conference.php

Conference Chair Contact Information
Dr. Joanna Paliszkiewicz, Conference Chair & Vice President
Warsaw University of Life Sciences - SGGW
Email: IACIS_Conference@IACIS.org or joanna_paliszkiewicz@sggw.edu.pl