55th Annual International Association for Computer Information Systems Conference
October 7 – 10, 2015
Marriott Suites on Sand Key
Clearwater Beach, FL

Big Data vs. Security - - -
Is the Analytical Value Worth the Risks?
Welcome to the 55th Annual Conference for the International Association for Computer Information Systems and to Clearwater Beach, Florida, a fun and exciting city to visit.

The theme, “Big Data vs. Security - Is the Analytical Value Worth the Risk?”, has been embraced by this year’s authors with many presentations discussing business intelligence, decision support, systems security and the impact of the cloud.

Papers selected for publication in Issues in Information Systems (IIS) can be accessed online at http://www.iacis.org/iis/iis.php. IIS is a double blind refereed, serial journal publication of IACIS that is registered with the US Library of Congress (ISSN 1529-7314) and listed in the Eighth Edition of Cabell's Directory of Publishing Opportunities in Management and Marketing. Accepted paper publications appear in IIS; accepted abstracts appear in the Conference Proceedings found at http://iacis.org/conference/conference.php.

You continue to make the IACIS International Conference an excellent conference for our academic colleagues, and we appreciate your ongoing attendance in your continued support of the conference. Thank you for presenting your best work here as we look forward to lively and meaningful presentations, discussions and collegial networking.

Gary DeLorenzo  
IACIS Vice President and Conference Chair

Maria Elena Corbeil  
IACIS Secretary and IIS Editor

Save the date:  
56th Annual IACIS Conference  
October 5-8, 2016  
The Inn at Opryland, A Gaylord Hotel  
Nashville, TN
IACIS 2015 Conference Program

>> IACIS EXECUTIVE BOARD AND MEMBERS

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IACIS Managing Director          Daryl Nord
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Conference Director            Richard McCarthy
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IACIS Vice President,
Conference Chair               Gary DeLorenzo
IACIS Secretary,               Maria Elena Corbeil
IIS Editor
CONFERENCE PROGRAM
## PROGRAM OVERVIEW <<

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<th>Date</th>
<th>Time</th>
<th>Event</th>
<th>Room</th>
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<td>Registration</td>
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<td>Reception/BBQ</td>
<td>Veranda: Sponsor – Microsoft Corporation</td>
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<td>Breakfast</td>
<td>Ballroom Foyer</td>
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<td>8:00 - 8:20 a.m.</td>
<td>Welcome and Announcements</td>
<td>Ballroom</td>
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<td>8:30 - 9:30</td>
<td>Keynote – Rear Admiral Norman R. Hayes “Cybersecurity and Intelligence”</td>
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<td>9:30 - 9:45</td>
<td>Networking Break</td>
<td>Foyer</td>
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<td></td>
<td>9:45 - 10:45</td>
<td>Concurrent Paper Sessions</td>
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<td>10:45 - 11:00</td>
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<td>11:00 - 12:00</td>
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<td>12:00 - 1:30</td>
<td>Networking Lunch</td>
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<td>2:50 - 3:50</td>
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<td>6:00 - 9:30</td>
<td>Dinner/Luau</td>
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<td><strong>Friday, October 9, 2015</strong></td>
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<td>7:00 - 8:00</td>
<td>Breakfast</td>
<td>Ballroom Foyer</td>
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<tr>
<td></td>
<td>8:00 - 8:20</td>
<td>Welcome &amp; Announcements</td>
<td>Ballroom</td>
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<td></td>
<td>8:30 - 9:30</td>
<td>Microsoft Corporation – “Big Data and Higher Education”</td>
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<td>9:30 - 9:45</td>
<td>Networking Break</td>
<td>Foyer</td>
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<td>Concurrent Paper Sessions</td>
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<td>Networking Break</td>
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<td>11:00 - 12:00</td>
<td>Concurrent Paper Sessions</td>
<td>See Program Presentations for Assigned Rooms</td>
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<tr>
<td></td>
<td>12:00 - 2:00</td>
<td>Business Luncheon &amp; Award Presentations</td>
<td>Sand Key Ballroom</td>
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<td>2:00-3:00</td>
<td>Concurrent Paper Sessions</td>
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<td></td>
<td>4:30-5:00</td>
<td>JCIS Editorial Board Meeting</td>
<td>Longboat Key 2</td>
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IACIS 2015 Conference Program

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<th>Saturday, October 10, 2015</th>
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<td>7:00 - 11:00 a.m.</td>
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<td>7:00 - 8:00</td>
<td>Breakfast, Ballroom Foyer</td>
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<tr>
<td>8:30 - 9:30</td>
<td>Concurrent Paper Sessions, See Program Presentations for Assigned Rooms</td>
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<tr>
<td>9:30 - 9:50</td>
<td>Networking Break, Foyer</td>
</tr>
<tr>
<td>9:50 - 10:50</td>
<td>Concurrent Paper Sessions, See Program Presentations for Assigned Rooms</td>
</tr>
<tr>
<td>11:00 - 11:45</td>
<td>Conference debriefing, Longboat Key 2</td>
</tr>
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</table>
NORMAN ROBERT HAYES  
Rear Admiral, United States Navy (ret.)  
Vice President, Cybersecurity and Intelligence Strategies  
SBG Technology Solutions

Over 30 years of experience in all phases and facets of national security and intelligence operations with execution across a broad range of national and international real world and policy issues with focus on theater, cyber and maritime operations.

Recognized expert across a broad array of national security issues to include supporting Ohio State University to define and establish its Intelligence Studies program and guest speaker at the John Glenn School of Public Administration; multiple moderator and panelist appearances at George Washington University hosted cybersecurity events; supported Tel Aviv University INSS cybersecurity exchange program 2014 & 2015 and most recently was keynote speaker at John Hopkins University Applied Physics Laboratory hosted DoD Anti-Tamper Review April 2015 and delivered the Keynote Address at the AFCEA Joint Warfighters Symposium, Norfolk, VA, May 2015

Retired from the United States Navy in 2013. Prior to retirement served as:  
**Special Assistant to Deputy Chief of Naval Operations N2N6**  
Program Manager for Navy Insider Threat Program for the Deputy Under Secretary of the Navy. Primary program focus – Cyber Defense and Information Security.

**Director of Intelligence, United States European Command, Stuttgart, Germany**  
Directed all theater intelligence operations, integrating the national intelligence community, Army, Navy, Air Force and Marine Corps intelligence operations with oversight of 1800 personnel in nine countries.

**Director, National Security Operations Center, National Security Agency, Ft. Meade, MD**  
Responsibility for worldwide special intelligence support to the White House and all U.S. military forces. Member of the NSA leadership team initiating national cyber defensive efforts and the creation of United States Cyber Command.

**Commanding Officer, Center for Naval Intelligence**  
Commanding Officer, Navy and Marine Corps Intelligence Training Center  
NAS Oceana Dam Neck Annex, Virginia Beach, VA  
Executed total responsibility for all officer and enlisted training of intelligence personnel in the United States Navy. Master Educator.

**Previous experience: Assistant Chief of Staff for Intelligence, Combined Forces Command - Afghanistan** - directed the U.S. and international theater level intelligence mission in Afghanistan; **Chief of Staff/EA, Director of Naval Intelligence** - supported execution of multi-billion dollar U.S. and Navy intelligence programs; **Assistant Chief of Staff for Intelligence, Commander Seventh Fleet** – directed U.S. maritime and joint intelligence operations covering over 30 countries in Asia-Pacific region; **Chief Analysis Division, U.S. Special Operations Command Joint Intelligence Center** – integrated five analysis and research branches into cohesive organization to support worldwide Special Operations Forces mission.

**Professional Experience:**  
President, Naval Intelligence Professionals  
Advisory Director – Cyber Security Forum Institute  
Senior Advisor – Enodo Global  
Senior Analyst Team Lead – WIKISTRAT  
Advisory Board Member – Assured Enterprises, Inc.
IACIS 2015 Conference Program

>> IACIS RECOGNITION AWARDS

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 IS 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 IS educational community. Nominations for the Computer Educator of the Year are accepted from September until March, with selection made in June or July for awarding 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 has established an annual 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. Service would 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 will be on reviewing their significant and long-term service.

A 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 will be on the candidate’s potential and promise for a significant academic career.

Nominations will be 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 selection made in June or July for awarding at the annual conference in the fall.
Jay Liebowitz Outstanding Student Research Award:
The Jay Liebowitz Outstanding Student Research Award is an annual award recognizing the 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 evaluated will include: 1) contribution of the research to the existing literature; 2) research methodology, data collection and analysis; 3) lessons learned; and 4) clarity of writing and presentation. Selection of the outstanding paper will be made by a committee consisting of the President, Executive Director and Immediate Past President of IACIS. The award includes a modest honorarium and recognition in the conference program. Presentation is made at the annual IACIS International Conference.

Best Paper and Achievement Awards:
Best Conference Pedagogy Paper:
An award for the best paper treating pedagogical issues is awarded at the annual conference. The paper is selected from those submitted for presentation at the conference. The Conference Chair has the responsibility for making the selection and presents the award at the annual conference in the fall. There is no nomination for this award; all papers accepted for presentation at the conference are candidates.

Best Conference Research Paper:
An award for the best paper treating pedagogical issues is awarded at the annual conference. The paper is selected from those submitted for presentation at the conference. The Conference Chair has the responsibility for making the selection and presents the award at the annual conference in the fall. There is no nomination for this award; all papers accepted for presentation at the conference are candidates.
Robert Skovira
2015 Computer Educator of the Year

Robert Skovira, University Professor, Computer Information Systems, Robert Morris University. Professor Skovira has taught at Robert Morris University at both the undergraduate and graduate level for more than 30 years. His recent teaching focus has been Java programming, Ethical issues in computing, Web development and programming, and Knowledge management. Doctoral courses taught include Ethnography of Information Systems and Knowledge Management.

Service to his university includes participating in the CIS Lecture Series and serving on the Graduate Curriculum Committee, the RMU Institutional Review Board, and the ABET task force. He also serves on several academic journal Editorial Review Boards, and supports students as faculty sponsor of Alpha Chi Honor Society and advisor for the student chapter of the Association of Information Technology Professionals. Over the years Professor Skovira has served as Visiting Professor at Comenius University, Bratislava, Slovakia on three different occasions, and as Visiting Professor at the Academy of Advertising, Bratislava, Slovakia. He currently serves as Co-host of The Doctor is In: A Medical Variety Show shown on local TV.

During his teaching career Professor Skovira has been awarded numerous Faculty Research Fellowships and grants, and his scholarly publications include more than 90 published Journal articles, numerous presentations at academic meetings, and more than 35 published Proceedings. Over the years he served many times as Track Chair for DSI and IRMA, as Chair of the Pittsburgh Chapter of the American Society for Information Science and Chair of the SIG Foundations of Information Science. In 2010 he was honored by being awarded University Professor status.

For over three decades Professor Skovira has brought his knowledge and insight into the Robert Morris classroom, challenging students, advancing knowledge through research and publication, and sharing his knowledge while serving as Visiting Professor at two European Universities. During his long and distinguished career, Professor Skovira has made a significant impact on Information Systems scholarship and education, and we congratulate Professor Robert Skovira on being selected 2015 IACIS Computer Educator of the Year.
Pamela Dupin-Bryant, Professor of Management Information Systems, Jon M. Huntsman School of Business, Utah State University, Tooele Regional Campus, Utah. Professor Dupin-Bryant has spent her entire teaching career at Utah State and over the years has taught most of the MIS courses offered by the School of Business, including Data Base Management, Web Design, Desktop Publishing, Microcomputer Applications in Business, Systems Analysis and Design, and Designing Graphical User Interfaces for Electronic Commerce.

Professor Dupin-Bryant has received numerous teaching and research awards and honors, including Teacher of the Year for the Tooele Regional Campus, Instructor of the Year (several awards), Merit in Distance Education, Continuing Education Researcher of the Year, Distinguished Alumnae Award, Clarence Jayne Memorial Scholarship Award, and Taggart-Ballard Award of Excellence. She has authored one book and several book chapters relating to web based distance education, computer ethics and higher education in the digital age.

During the course of her career Professor Dupin-Bryant has published 21 referred scholarly articles, 13 referred proceedings, and made numerous presentations at scholarly meetings and conferences. She has also received four grants and has mentored five doctoral candidates. University service includes participation on many university committees, serving as committee chair on five occasions. Professor Dupin-Bryant has also served her community through participation as a volunteer computer consultant, economic development consultant, volunteer judge, and school board member.

Professor Dupin-Bryant has a remarkable record of service to her university and profession, along with impressive scholarship, research and publication. We congratulate Professor Dupin-Bryant on being selected to receive the 2015 IACIS Ben Bauman Award for Excellence.
**Jay Liebowitz Outstanding Student Research Award**

**WHAT MAKES THEM CLICK: GENDER, SOCIAL MEDIA AND THE COLLEGE**  
*Michaela Saunders, Washburn University; Keval Shah, Washburn University; Zachary Smith, Washburn University*  
**FACULTY ADVISOR: CO-AUTHOR**  
Wenying (Nan) Sun, Washburn University

**Director’s Award**

Wenying (Nan) Sun  
Professor of Computer Information Systems  
Washburn University

**Best Paper Awards - Research**

**ASSESSING THE EFFECTIVENESS OF BUSINESS INTELLIGENCE AS A STRATEGICALLY IMPORTANT DEPLOYMENT**  
*Taryn Stanko, California Polytechnic State University*  
*James Sena, California Polytechnic State University*  
*Mark Sena, Xavier University of Ohio*

**Best Paper Awards – Research, Honorable Mention**

**FAIR INFORMATION PRACTICES AT THE FORTUNE 500: AN EXAMINATION BY ORGANIZATION SIZE AND INDUSTRY SECTOR**  
*Carl Case, St. Bonaventure University*  
*Darwin King, St. Bonaventure University*

**Best Paper Awards - Pedagogy**

**ENGAGING A DIVERSE STUDENT AUDIENCE IN AN INFORMATION SECURITY COURSE**  
*Lynn Heinrichs, Western Carolina University*

**Best Paper Awards - Pedagogy, Honorable Mention**

**BLENDED LEARNING IN THE INTRODUCTORY COMPUTER SKILLS COURSE**  
*Paul Stephens, Bradley University*  
*Matthew McGowan, Bradley University*  
*Valerie Pape, Bradley University*
## PROGRAM PRESENTATIONS

### Thursday, October 8, 2015

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<tr>
<th>Time</th>
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<tr>
<td>7:00 a.m.– 4:00 p.m.</td>
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<td>9:30–9:45</td>
<td>Networking Break</td>
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### Thursday, October 8, 9:45- 10:45

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<tr>
<th>Room: Longboat Key 1</th>
<th>Session Chair: Mary Dunaway</th>
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<tr>
<td>DATA MINING ANALYSIS AND PREDICTIONS OF REAL ESTATE PRICES</td>
<td></td>
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<tr>
<td>Victor Gan</td>
<td>Seattle University</td>
<td><a href="mailto:gany@seattleu.edu">gany@seattleu.edu</a></td>
</tr>
<tr>
<td>Vaishali Agarwal</td>
<td>Seattle University</td>
<td><a href="mailto:Agawal1@seattleu.edu">Agawal1@seattleu.edu</a></td>
</tr>
<tr>
<td>Ben Kim</td>
<td>Seattle University</td>
<td><a href="mailto:bkim@seattleu.edu">bkim@seattleu.edu</a></td>
</tr>
<tr>
<td>GETTING STARTED WITH ENTERPRISE ARCHITECTURE RESEARCH: A VEN</td>
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<tr>
<td>Sheila Cane</td>
<td>Mitre Corporation</td>
<td><a href="mailto:sheila@mitre.org">sheila@mitre.org</a></td>
</tr>
<tr>
<td>Rich McCarthy</td>
<td>Quinnipiac University</td>
<td><a href="mailto:richard.mccarthy@quinnipiac.edu">richard.mccarthy@quinnipiac.edu</a></td>
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<tr>
<td>CASE STUDY: LESSONS LEARNED IN LAUNCHING AN INTEGRATED ONLINE GRADUATE BUSINESS ANALYTICS PROGRAM</td>
<td></td>
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<tr>
<td>Mary Dunaway</td>
<td>Quinnipiac University</td>
<td><a href="mailto:mary.dunaway@quinnipiac.edu">mary.dunaway@quinnipiac.edu</a></td>
</tr>
<tr>
<td>Richard McCarthy</td>
<td>Quinnipiac University</td>
<td><a href="mailto:richard.mccarthy@quinnipiac.edu">richard.mccarthy@quinnipiac.edu</a></td>
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<tr>
<td>CASE STUDY: CAN DIGITAL NATIVES ADAPT TO TECHNOLOGY’S CHANGES AND SPEED?</td>
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<tr>
<td>Scott Spangler</td>
<td>Robert Morris University</td>
<td><a href="mailto:sspangler_us@yahoo.com">sspangler_us@yahoo.com</a></td>
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<tr>
<td>Anthony Rodi</td>
<td>California University of Pennsylvania</td>
<td><a href="mailto:rodi@calu.edu">rodi@calu.edu</a></td>
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<tr>
<td>Gary DeLorenzo</td>
<td>California University of Pennsylvania</td>
<td><a href="mailto:delorenzo@calu.edu">delorenzo@calu.edu</a></td>
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<tr>
<td>Fred Kohun</td>
<td>Robert Morris University</td>
<td><a href="mailto:kohun@rmu.edu">kohun@rmu.edu</a></td>
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<td>I.S. CURRICULAR IMPLICATIONS OF ONGOING CHANGES IN MOBILE APP DEVELOPMENT</td>
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<td>Thomas Hilton</td>
<td>University of Wisconsin Eau Claire</td>
<td><a href="mailto:hiltons@uwec.edu">hiltons@uwec.edu</a></td>
</tr>
<tr>
<td>Liqiang Chen</td>
<td>University of Wisconsin Eau Claire</td>
<td><a href="mailto:hiltons@uwec.edu">hiltons@uwec.edu</a></td>
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<tr>
<td>MOBILE TECHNOLOGY ADDICTION and the DIGITAL NATIVES’ CULTURE</td>
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<td>Scott Spangler</td>
<td>Robert Morris University</td>
<td><a href="mailto:sspangler_us@yahoo.com">sspangler_us@yahoo.com</a></td>
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<tr>
<td>Room: Siesta Key</td>
<td>Room: Madeira</td>
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<tr>
<td>Session Chair: Jamie Pinchot</td>
<td>Session Chair: Kiku Jones</td>
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**LEARNING & APPLICATION**

**STUDENT PERSPECTIVES OF CHEATING IN ONLINE CLASSES**
Adnan Chawdhry  
chawdhry@gmail.com

**USERS’ PERCEPTIONS ON THE BRIGHTSPACE LEARNING MANAGEMENT SYSTEM**
Simone Moseley  
smoseley@ferrum.edu  
Taiwo Ajani, Ferrum College  
tajani@ferrum.edu

**BRING YOUR OWN DEVICE TO WORK: DO THE BENEFITS OUTWEIGH THE RISKS?**
Jamie Pinchot, Robert Morris University  
pinchot@rmu.edu  
Karen Paullet, Robert Morris University  
paullet@rmu.edu

**CURRICULUM & LEARNING**

**FOSTERING COMPUTATIONAL THINKING IN K-12 EDUCATION: CAN 3D ADVENTURE LEARNING GAME REALLY HELP?**
Myungjae Kwak, Middle Georgia State University  
Myungjae.kwak@mga.edu  
Kevin Floyd, Middle Georgia State University  
Kevin.floyd@mga.edu  
Kirill Yurov, Missouri Western State University  
kiryurov@gmail.com

**STUDENT LEARNING IN A RAPID FEEDBACK ENVIRONMENT**
Nicholas Ball, Utah Valley University  
Nicholas.ball@uvu.edu  
Gove Allen, Brigham Young University  
gove@by.edu

**IN THE KNOW: DESIRED SKILLS FOR ENTRY-LEVEL SYSTEMS ANALYST POSITIONS**
Guido Lang, Quinnipiac University  
guido.lang@quinnipiac.edu  
Kiku Jones, Quinnipiac University  
kiku.jones@quinnipiac.edu  
Lori Leonard, University of Tulsa  
lori-leonard@utulsa.edu
### Thursday, October 8, 9:45 -10:45

Room: Indian Shores  
Session Chair: Deanna Klein  

**TECHNOLOGY, LEARNING, DATA**

#### INTO THE DEPTHS OF THE INTERNET: THE DEEP WEB  
Marcu Tapia, Texas A&M University - Kingsville  
marcus.tapia@gmail.com  
Jack Shorter, Texas A&M University – Kingsville  
jack.shorter@tamuk.edu  

#### CYBER FORENSICS MEETS BIG DATA  
Johnathan Yerby, Middle Georgia State University  
Johnathan.yerby@mga.edu  
Kevin Jennings, jennings@armstrong.edu  
Steven Tkach  
Director of Technology, Automation and Records Management  

#### ACTIVE LEARNING IN ONLINE COURSES  
Deanna Klein, Minot State University  
deanna.klein@minotstateu.edu  
Alex Koohang, Middle Georgia State University  
alex.koohang@mga.edu  
Joanna Paliszkiewicz, WULS  
joanna_paliszkiewicz@sggw.pl  

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## IACIS 2015 Conference Program

### Thursday, October 8, 11:00 -12:00

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<tr>
<th>Room: Longboat Key 1</th>
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<tr>
<td>Session Chair: Wei Sha</td>
<td>Session Chair: Klara Nelson</td>
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### PRIVACY, SECURITY

**CASE STUDY: EXPLORATION OF HOW TECHNOLOGY AND SOCIAL MEDIA USE IS RELATED TO INTERNET PRIVACY CONCERNS IN A DIRECT SALES ORGANIZATION**

Rob Totterdale  
Florida Gulf Coast University  
rtotterdale@fgcu.edu

**DATA BREACH AND NOTIFICATION LAWS**

Janet C. Ford  
Western Carolina University  
jford@email.wcu.edu

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

Kristin M. White  
North Carolina State University  
Kmwhite3@ncsu.edu

**ONLINE PRIVACY: EFFECT OF PERCEIVED RISK, PERCEIVED INFORMATION VALUE AND CYBER-SECURITY SELF-EFFICACY ON INFORMATION SHARING INTENTIONS**

Wei Sha  
Pittsburgh State University  
wsha@pittstate.edu

### CURRICULUM, LEARNING, CAREERS

**USING WRITING ACROSS THE CURRICULUM (WAC) TECHNIQUES TO PROMOTE INCREASED STUDENT ENGAGEMENT AND LEARNING IN THE COMPUTER INFORMATION SYSTEMS CURRICULUM**

Bruce Saulnier  
Quinnipiac University  
bruce.saulnier@quinnipiac.edu

**THE EDUCATIONAL AND CAREER BACKGROUNDS OF CIOS**

John Anderson  
Utah Valley University  
janderson@uvu.edu

Nicholas Ball  
Utah Valley University  
Nicholas.ball@uvu.edu

**USING K-MEANS CLUSTERING TO MODEL STUDENTS’ LMS PARTICIPATION IN TRADITIONAL COURSES**

Klara Nelson  
The University of Tampa  
Krnelson@ut.edu
<table>
<thead>
<tr>
<th>INFORMATION SYSTEMS, LEARNING</th>
<th>APPS, SYSTEMS, PROGRAMMING</th>
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<tbody>
<tr>
<td><strong>DO YOU KNOW WHAT YOUR NAME IS?</strong> THE QUESTION OF ADDITIVE OR REDUCTIVE PRACTICES**</td>
<td><strong>DOES THE MALE PROGRAMMING STUDENT THINK FEMALES SHOULD BE STUDYING COMPUTER TECHNOLOGY?</strong></td>
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<tr>
<td>Gerald Johnson</td>
<td>Jeanne Baugh</td>
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<tr>
<td>Colorado Technical University (student)</td>
<td>Robert Morris University</td>
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<tr>
<td><a href="mailto:garyjohnson61ad@gmail.com">garyjohnson61ad@gmail.com</a></td>
<td><a href="mailto:baugh@rmu.edu">baugh@rmu.edu</a></td>
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<tr>
<td>Lance Revenaugh</td>
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<tr>
<td>Colorado Technical University / Montana Tech University</td>
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<tr>
<td><a href="mailto:LRevenaugh@mtech.edu">LRevenaugh@mtech.edu</a></td>
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<tr>
<td><strong>TEACHING CASE: A SITUATED LEARNING APPROACH TO ERP ROLE ADAPTATION AND BUSINESS INTELLIGENCE</strong></td>
<td><strong>CRITICAL FACTORS IN THE ADOPTION OF OPEN SOURCE TECHNOLOGIES</strong></td>
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<tr>
<td>Mary Dunaway</td>
<td>Anidza Valentin-Rodríguez</td>
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<tr>
<td>Quinnipiac University</td>
<td>University of Puerto Rico</td>
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<tr>
<td><a href="mailto:mary.dunaway@quinnipiac.edu">mary.dunaway@quinnipiac.edu</a></td>
<td><a href="mailto:Anidza.valentin@upr.edu">Anidza.valentin@upr.edu</a></td>
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<td>Angel M. Ojeda-Castro</td>
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<td>Turabo University</td>
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<td><a href="mailto:Ut_aojeda@suagm.edu">Ut_aojeda@suagm.edu</a></td>
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<td>Macedonio Alanis- González</td>
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<td></td>
<td>Tecnológico de Monterrey</td>
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<tr>
<td></td>
<td><a href="mailto:Alanis@itesm.mx">Alanis@itesm.mx</a></td>
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<tr>
<td></td>
<td>Eulalia Márquez-Martínez</td>
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<td>Turabo University</td>
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<td></td>
<td><a href="mailto:emarquez@suagm.edu">emarquez@suagm.edu</a></td>
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<tr>
<td></td>
<td>Aury M. Curbelo-Ruiz</td>
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<td></td>
<td>University of Puerto Rico</td>
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<td></td>
<td><a href="mailto:Aury.curbelo@upr.edu">Aury.curbelo@upr.edu</a></td>
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<tr>
<td><strong>IT/IS FACULTY PERCEPTIONS OF THE UNIONIZATION PROCESS OF ADJUNCT FACULTY: A CASE STUDY</strong></td>
<td><strong>RELIABILITY OF MOBILE APP ECOSYSTEM</strong></td>
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<tr>
<td>Michael Curran</td>
<td>Seung Lee</td>
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<tr>
<td>Strayer University</td>
<td>University of Minnesota at Duluth</td>
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<tr>
<td><a href="mailto:michael.curran@strayer.edu">michael.curran@strayer.edu</a></td>
<td><a href="mailto:sile@d.umn.edu">sile@d.umn.edu</a></td>
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<td>Robert Kowalewski</td>
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<td>Robert Morris University</td>
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<td><a href="mailto:rwkst5@mail.rmu.edu">rwkst5@mail.rmu.edu</a></td>
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<td>Robert Trosky</td>
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<td><a href="mailto:trosky@rmu.edu">trosky@rmu.edu</a></td>
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<tr>
<td>Carrie Payne</td>
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<td>Penn State Erie, the Behrend College</td>
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<tr>
<td><a href="mailto:cap15@psu.edu">cap15@psu.edu</a></td>
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<td>Thursday, October 8, 11:00-12:00</td>
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<td>Room: Indian Shores</td>
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<td>Session Moderator: David Chao</td>
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**MANAGEMENT, BUSINESS INTELLIGENCE**

**ANTECEDENT DETERMINANTS OF BELIEFS UNDERPINNING THE INTENTION TO ACCEPT AND USE BUSINESS INTELLIGENCE SYSTEMS: THE IMPORTANCE OF ORGANIZATIONAL FACTORS**

Tanja Grublješič  
Faculty of Economics, University of Ljubljana  
tagja.grubljesic@ef.uni-lj.si

Pedro Simões Coelho  
Universidade Nova de Lisboa, ISM  
psc@isegi.unl.pt

Jurij Jaklič  
Faculty of Economics, University of Ljubljana  
jurij.jaklic@ef.uni-lj.si

**THE IMPACT OF DISRUPTIVE TECHNOLOGY: THE INTERNET OF THINGS**

Kyle Ebersold  
The Hartford  
kebersol@bryant.edu

Richard Glass  
Bryant University  
rglass@bryant.edu

**THE MANAGEMENT OF A WEBSITE’S HISTORICAL LINKS AND DOCUMENTS**

David Chao  
San Francisco State University  
dchao@sfsu.edu

12:00 – 1:30  
Networking Lunch .................................. Sand Key Ballroom
### Thursday, October 8, 1:30 - 2:30

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<tr>
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<td>Session Chair: Linda Kavanaugh</td>
<td>Session Chair: Cassandra Elrod</td>
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#### ENTERPRISE, ANALYSIS, INTELLIGENCE

**EXPLORING SAP HANA FOR SUPPORT OF MATHEMATICAL OPTIMIZATION**
Karl Kurbel  
European University Viadrina  
[wi-sek@europa-uni.de](mailto:wi-sek@europa-uni.de)  
David Nowak  
European University Viadrina  
[danowak@europa-uni.de](mailto:danowak@europa-uni.de)

**EDUCATING THE TECHNOLOGY OFFICER OF THE FUTURE: A NEEDS ANALYSIS**
Christopher Wydra  
California University of Pennsylvania  
[wydra@calu.edu](mailto:wydra@calu.edu)

**ASSESSING THE USEFULNESS OF A CORE INTRODUCTORY INFORMATION SYSTEMS COURSE IN UNDERGRADUATE CURRICULUM: AN EXPERIMENTAL STUDY**
Sushma Mishra  
Robert Morris University  
[mishra@rmu.edu](mailto:mishra@rmu.edu)  
Donna Cellante  
Robert Morris University  
[cellante@rmu.edu](mailto:cellante@rmu.edu)  
Linda Kavanaugh  
Robert Morris University  
[kavanaugh@rmu.edu](mailto:kavanaugh@rmu.edu)

#### LEARNING & TECHNOLOGY

**BIG DATA AND BUSINESS ANALYTICS IN A BLENDED COMPUTING-BUSINESS DEPARTMENT**
Michael Hilgers  
Missouri University of Science and Technology  
[hilgers@mst.edu](mailto:hilgers@mst.edu)  
Sarah Stanley  
Missouri University of Science and Technology  
[stanleysm@mst.edu](mailto:stanleysm@mst.edu)  
Cassandra Elrod  
Missouri University of Science and Technology  
[cassa@mst.edu](mailto:cassa@mst.edu)  
Barry Flachsbart  
Missouri University of Science and Technology  
[barryf@mst.edu](mailto:barryf@mst.edu)  
Elizabeth Cudney  
Missouri University of Science and Technology  
[cudney@mst.edu](mailto:cudney@mst.edu)

**OPENING THE “BLACK BOX” OF COLLECTIVE INTELLIGENCE**
Christian Wagner  
[c.wagner@cityu.edu.hk](mailto:c.wagner@cityu.edu.hk)

**ASSESSING PROFESSIONAL BEHAVIOR PERCEPTIONS BETWEEN COMPUTING, ENGINEERING, AND BUSINESS STUDENTS AND HIRING EMPLOYERS**
Cassandra Elrod, Missouri University of Science and Technology  
[cassa@mst.edu](mailto:cassa@mst.edu)  
Barry Flachsbart  
Missouri University of Science and Technology  
[barryf@mst.edu](mailto:barryf@mst.edu)  
Sarah Stanley  
Missouri University of Science and Technology  
[stanleysm@mst.edu](mailto:stanleysm@mst.edu)  
Michael Hilgers  
Missouri University of Science and Technology  
[hilgers@mst.edu](mailto:hilgers@mst.edu)  
Elizabeth Cudney  
Missouri University of Science and Technology  
[cudney@mst.edu](mailto:cudney@mst.edu)
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<tr>
<th>Time</th>
<th>Room</th>
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<tr>
<td><strong>Thursday, October 8, 1:30 - 2:30</strong></td>
<td>Siesta Key</td>
<td>Raymond Angelo</td>
<td>Alex Matveev (Deloitte and Touche, LLC) <a href="mailto:alex.maxeev@deloitte.com">alex.maxeev@deloitte.com</a></td>
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<td>Roger Yin (University of Wisconsin - Whitewater) <a href="mailto:yini@uw.edu">yini@uw.edu</a></td>
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<td>Christina Outlay (University of Wisconsin - Whitewater) <a href="mailto:outlay@uw.edu">outlay@uw.edu</a></td>
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<td>Matthew Hogan</td>
<td>Rosarito Sanchez-Morcilio (University of Puerto Rico Rio Piedras Campus) <a href="mailto:rosarito.sanchez@upr.edu">rosarito.sanchez@upr.edu</a></td>
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<td>Francisco Quiles-Torres (University of Puerto Rico Rio Piedras Campus) <a href="mailto:francisco.quiles@upr.edu">francisco.quiles@upr.edu</a></td>
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<td><strong>HEALTHCARE, GOVERNMENT, AUDIT</strong></td>
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<td><strong>INFORMATION TECHNOLOGY AUDIT AND CONTROL JEOPARDY: A CASE STUDY</strong></td>
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<td>Alex Matveev (Deloitte and Touche, LLC) <a href="mailto:alex.maxeev@deloitte.com">alex.maxeev@deloitte.com</a></td>
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<td><strong>A WEBSITE AUDIT AS A SERVICE LEARNING PROJECT</strong></td>
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<td>Phillip Kim (Walsh University) <a href="mailto:pkim@walsh.edu">pkim@walsh.edu</a></td>
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<td><strong>HEALTHCARE.GOV: A RETROSPECTIVE LESSON IN THE FAILURE OF THE PROJECT STAKEHOLDERS</strong></td>
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<td>Raymond Angelo (Quinnipiac University) <a href="mailto:raymond.angelo@quinnipiac.edu">raymond.angelo@quinnipiac.edu</a></td>
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<td><strong>BIG DATA</strong></td>
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<td><strong>THE PRIVACY OF INFORMATION IN CLOUD COMPUTING</strong></td>
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<td>Rosarito Sanchez-Morcilio (University of Puerto Rico Rio Piedras Campus) <a href="mailto:rosarito.sanchez@upr.edu">rosarito.sanchez@upr.edu</a></td>
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<td>Francisco Quiles-Torres (University of Puerto Rico Rio Piedras Campus) <a href="mailto:francisco.quiles@upr.edu">francisco.quiles@upr.edu</a></td>
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<td><strong>ASSESSING THE EFFECTIVENESS OF BUSINESS INTELLIGENCE AS A STRATEGICALLY IMPORTANT DEPLOYMENT</strong></td>
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<td>Taryn Stanko (California Polytechnic State University) <a href="mailto:tstanko@calpoly.edu">tstanko@calpoly.edu</a></td>
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<td>James Sena (California Polytechnic State University) <a href="mailto:jsena@calpoly.edu">jsena@calpoly.edu</a></td>
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<td>Mark Sena (Xavier University of Ohio) <a href="mailto:sena@xu.edu">sena@xu.edu</a></td>
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<td><strong>ETL WORKFLOW GENERATION FOR OFFLOADING DORMANT DATA FROM THE DATA WAREHOUSE TO HADOOP</strong></td>
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<td>Matthew Hogan (Georgia Southern University) <a href="mailto:matthew_t_hogan@georgiasouthern.edu">matthew_t_hogan@georgiasouthern.edu</a></td>
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<td>Vladan Jovanovic (Georgia Southern University) <a href="mailto:vladan@georgiasouthern.edu">vladan@georgiasouthern.edu</a></td>
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</table>
### Thursday, October 8, 1:30 - 2:30

Room: Indian Shores  
Session Chair: Mysore Ramaswamy

**BUSINESS MODELING, PROCESSES, & DECISION MAKING**

**EFFECT OF GRAPH REPRESENTATION ON DECISION STRATEGIES**  
Dong-gook "DK" Kim  
Dalton State College  
dkim@daltonstatue.edu  
Chongwoo Park  
Georgia Gwinnett College  
cpark@ggc.edu

**THE DILEMMA BETWEEN SOFTWARE ENGINEERING AND SYSTEMS ANALYSIS & DESIGN**  
Mohamed Rob  
University of Houston-Clear Lake  
rob@uhcl.edu

**IS THERE PROPER PRESENTATION OF FINANCIAL DATA IN SUPPLY CHAIN ANALYSIS TO SUPPORT EFFECTIVE MANAGEMENT DECISION MAKING?**  
Mysore Ramaswamy  
Southern University  
mysore@acm.org  
Richard Calvasina  
University of West Florida  
rcalvasi@uwf.edu  
Eugene Calvasina  
Southern University  
ejcalvasina@cox.net  
Gerald Calvasina  
Southern Utah University  
calvasina@suu.edu

| 2:30 – 2:45 | Networking Break ......................... Foyer |

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**IACIS 2015 Conference Program**
## MOBILE TECHNOLOGY, ENTERPRISE

### MOBILE APPLICATIONS FOR HEALTH CARE SUPPORT
- **Dejan Zilli**
- **Nova Vizija**
- **Jožica Leskovšek**
- **Nova Vizija**
- **Srečko Natek**
  
  International School for Social and Business Studies
  
  **srecko.natek@mfdps.si**

### BUSINESS INTELLIGENCE AND IPAD TECHNOLOGY RAISING THE BAR IN PUBLIC EDUCATION: A QUANTITATIVE STUDY
- **Shana D’Aurora**
  
  Steubenville City Schools
  
  **sdaurora@scsohio.org**

### STRUCTURED ASSIGNMENT PEDAGOGY: AN SAP ENTERPRISE SOFTWARE DEPLOYMENT
- **Roger Hayen**
  
  Phoenix One Ltd
  
  **roger.hayen@outlook.com**

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## LEARNING, ELEARNING

### THE DEVELOPMENT OF A USABILITY INSTRUMENT FOR E-LEARNING IN EDUCATIONAL SETTINGS
- **Zoroayka Sandoval**
  
  The University of Texas at Brownsville
  
  **vicky.sandoval@gmail.com**

### DIGITAL BADGES IN HIGHER EDUCATION: A THREE-PHASE STUDY ON THE IMPLEMENTATION OF DIGITAL BADGES IN AN ONLINE UNDERGRADUATE PROGRAM
- **Maria Elena Corbeil**
  
  The University of Texas Rio Grande Valley
  
  **mariaelena.corbeil@aol.com**

### LEARNING ANALYTICS: FACULTY PERCEPTIONS AND USE IN INFORMATION SYSTEMS EDUCATION
- **Pam Dupin-Bryant**
  
  Utah State University
  
  **pam.dupin-bryant@usu.edu**

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Thursday, October 8, 2:45 - 3:45

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<thead>
<tr>
<th>Room: Siesta Key</th>
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<tbody>
<tr>
<td>Session Chair: Nan Sun</td>
<td>Session Chair: William Pendergrass</td>
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<tr>
<td><strong>HEALTH CARE &amp; WORKPLACE BEHAVIOR</strong></td>
<td><strong>THE INTERNET, SOCIAL NETWORKING, &amp; CYBERBULLYING</strong></td>
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<tr>
<td><strong>INTERNET OF THINGS-BASED HEALTH MONITORING AND MANAGEMENT DOMAIN-SPECIFIC ARCHITECTURE PATTERN</strong></td>
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<td>Robert Samuel</td>
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<td><a href="mailto:resamuel@mail.widener.edu">resamuel@mail.widener.edu</a></td>
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<td>Dennis Connolly</td>
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<td><a href="mailto:connollyd@aetna.com">connollyd@aetna.com</a></td>
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<tr>
<td><strong>HIPAA SECURITY RULE COMPLIANCE IN SMALL HEALTHCARE FACILITIES: A THEORETICAL FRAMEWORK</strong></td>
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<tr>
<td>Nancy Martin</td>
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<td>Southern Illinois University Carbondale</td>
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<td><a href="mailto:nilmartin@siu.edu">nilmartin@siu.edu</a></td>
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<td>Tom Imboden</td>
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<td>David Green</td>
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<td>Governors State University</td>
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<tr>
<td><strong>EXPLAINING THE GAP BETWEEN ENROLLMENT AND EMPLOYMENT IN COMPUTER INFORMATION SCIENCES</strong></td>
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<td>William Oliver</td>
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<td>Washburn University</td>
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<td><a href="mailto:William.Oliver1@washburn.edu">William.Oliver1@washburn.edu</a></td>
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<td>Nathan Purcell</td>
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<td>Rory MacDonald</td>
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<td><a href="mailto:rory.macdonald@washburn.edu">rory.macdonald@washburn.edu</a></td>
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<td><strong>GENDER DIFFERENCES IN FACEBOOK’S PRIVACY SETTINGS</strong></td>
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<td>Tingya Kuo</td>
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<td><a href="mailto:n97b0004@stust.edu.tw">n97b0004@stust.edu.tw</a></td>
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<tr>
<td>Hung-Lian Tang</td>
<td></td>
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<tr>
<td>Eastern Michigan University</td>
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<tr>
<td><a href="mailto:htang@emich.edu">htang@emich.edu</a></td>
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</tr>
<tr>
<td><strong>POWER OF THE PEOPLE: A CASE STUDY USING FACEBOOK AS A DATA SOURCE IN QUALITATIVE RESEARCH</strong></td>
<td></td>
</tr>
<tr>
<td>Gary “Chris” Nelson</td>
<td></td>
</tr>
<tr>
<td>Riverside Research – Washington Business Office</td>
<td></td>
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<tr>
<td><a href="mailto:cnelson@riversideresearch.org">cnelson@riversideresearch.org</a></td>
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</tr>
<tr>
<td><strong>#NOTALLMEN, #BRINGBACKOURGIRLS &amp; #YESALLWOMEN: THREE MONTHS OF GENDER DISCUSSION IN THE AGE OF TWITTER</strong></td>
<td></td>
</tr>
<tr>
<td>William Pendergrass</td>
<td></td>
</tr>
<tr>
<td>American Military University</td>
<td></td>
</tr>
<tr>
<td><a href="mailto:william.pendergrass@mycampus.apus.edu">william.pendergrass@mycampus.apus.edu</a></td>
<td></td>
</tr>
</tbody>
</table>
### Thursday, October 8, 2:45 - 3:45

**Room:** Merion  
**Session Moderator:** Debra J. Borkovich  

**PANEL DISCUSSION**

**LA PERRUQUE: PERSONAL TIME MANAGEMENT IN THE DIGITAL WORKPLACE (STEALING COMPANY TIME)**  
Debra J. Borkovich  
Robert Morris University  
[borkovich@rmu.edu](mailto:borkovich@rmu.edu)  
Robert Skovira  
Robert Morris University  
[Skovira@rmu.edu](mailto:Skovira@rmu.edu)  
Fred Kohun  
Robert Morris University  
[kohun@rmu.edu](mailto:kohun@rmu.edu)  
Jennifer Breese-Vitelli  
Middle George State University  
[jennifer.breese-vitelli@mga.edu](mailto:jennifer.breese-vitelli@mga.edu)

---

| 6:00 - 9:30 | Fun Night – DINNER/LUAU  
Featuring the Caribbean sounds of Reggie Rich.  
Bring your favorite island shirt/blouse |
|---|---|
**IACIS 2015 Conference Program**

**Friday October 9, 2015**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 a.m.– 4:30 p.m.</td>
<td>Registration</td>
<td>Foyer</td>
</tr>
<tr>
<td>7:00–8:00</td>
<td>Breakfast</td>
<td>Ballroom Foyer</td>
</tr>
<tr>
<td>8:00-8:20 a.m.</td>
<td>Welcome and Announcements</td>
<td>Ballroom</td>
</tr>
<tr>
<td>8:30-9:30 a.m.</td>
<td>Microsoft Corporation</td>
<td>Ballroom</td>
</tr>
</tbody>
</table>

**Friday, October 9, 8:30 – 9:30**

**“Big Data” and Higher Education – Microsoft Corporation**

**Rooms:** Ballroom  
**Session Chair and Panel Members:**

- **Kurt Allebach** (Chair): Microsoft Worldwide Community Lead for Smart Cities and Professional Development Manager for the State and Local Government/Education Practice  
- **Dan Craytor** – Microsoft Chief Technology Officer for the Department of Defense Practice  
- **Manojkumar Ganesamoorthy** – Microsoft Principle Consultant for the State and Local Government/Education Practice and Member of the Data Visualization Center of Excellence  
- **Saket Suman** – Microsoft Senior Consultant for the State and Local Government/Education Practice  
- **Bill Chapman** – Microsoft Director of Solution Sales for Education

In this session, Microsoft Cloud and Business Intelligence/Big Data experts will discuss Microsoft’s approach to cloud computing with emphasis on its analytical capabilities and how their offerings relate to higher education. The discussion provides an overview of the Microsoft Azure Platform including security, scalability, and how its elements align to support your curriculum and academic research needs. They will include a short demo highlighting the platforms suitability to the conference theme – “Big Data”, its ease of use, and its agility.

Key questions that will be addressed:

1. What is the Azure Platform and its key components that we are interested in with regard to its use in supporting graduate and undergraduate programs? – Dan Craytor
2. Why is using a cloud based platform vs. a traditional data center valuable to an academic institution? – Manojkumar Ganesamoorthy
3. Looking at the typical graduate and undergraduate curriculum how well does the Azure Platform and Microsoft’s on line services align to support their needs? – Saket Suman
4. In terms of usability, approachability, and agility what does a typical Big Data solution look like? – Saket Suman
5. Outside of the computer and information systems programs, where else can the Azure Platform have impact? – Bill Chapman
6. If colleges and universities wanted to access Azure for student use what would that look like? If they wanted to access it for school administrative purposes what would that look like? – Bill Chapman
7. Audience Q&A – All

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
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</thead>
<tbody>
<tr>
<td>9:30 – 9:45</td>
<td>Networking Break</td>
<td>Foyer</td>
</tr>
<tr>
<td>Session</td>
<td>Speakers</td>
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</tbody>
</table>
| **DATA, ANALYTICS** | EXAMINING THE APPLICATION OF BIG DATA ANALYTICS TO INCREASE COLLEGE UNIVERSITY RETENTION AND PROMOTE STUDENT SUCCESS  
Jody Strausser  
Robert Morris University  
jasst297@mail.rmu.edu  
  
USING OPEN SOURCE TEXT ANALYTIC LIBRARIES  
Michael Mitri  
James Madison University  
mitrimx@jmu.edu  
  
USING THE BOLMAN AND DEAL'S FOUR FRAMES IN DEVELOPING A DATA GOVERNANCE STRATEGY  
Justin Fruehauf  
Robert Morris University  
jdfst18@mail.rmu.edu  
Fahad Al-Khalifa  
Robert Morris University  
faast100@mail.rmu.edu  
Joseph Coniker  
Grant Thornton LLP  
joseph.coniker@us.gt.com | **ONLINE EDUCATION, ELEARNING** | PREDICTORS OF SUCCESS IN E-LEARNING COURSEWARE USABILITY DESIGN  
Alex Koohang  
Middle Georgia State University  
alex.koohang@mga.edu  
Joanna Paliszkiewicz  
Warsaw University of Life Sciences  
joanna_paliszkiewicz@sggw.pl  
Jeretta Horn Nord  
Oklahoma State University  
jeretta.nord@okstate.edu  
  
SOFTWARE DEVELOPMENT CURRICULUM: THE PERCEIVED EFFECTIVENESS OF VIDEOS VERSUS READINGS IN AN ONLINE ENVIRONMENT  
Stephen Beyer  
Kaplan University  
sbeyer@kaplan.edu  
Rhonda Chicone  
Kaplan University  
rchicone@kaplan.edu  
Tina Burton  
Kaplan University  
tburton@kaplan.edu  
Catherine Flynn  
Kaplan University  
cflynn@kaplan.edu |  
INCREASING STUDENT ENGAGEMENT AND LEARNING OUTCOMES: LESSONS LEARNED FROM TEACHING IN AN ACTIVE-LEARNING CLASSROOM  
Jean Pratt  
University of Wisconsin – Eau Claire  
prattja@uwec.edu  
Donald Gaber  
University of Wisconsin – Eau Claire  
gaberdh@uwec.edu  
Thomas Sulzer  
University of Wisconsin – Eau Claire  
sulzertj@uwec.edu |
## IACIS 2015 Conference Program

### Friday, October 9, 9:45-10:45

<table>
<thead>
<tr>
<th>Room: Siesta Key</th>
<th>Room: Madeira</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session Chair: Sushma Mishra</td>
<td>Session Chair: Hal Records</td>
</tr>
</tbody>
</table>

**HEALTHCARE, SECURITY, IT**

- **SECURITY BREACHES IN HEALTHCARE DATA: AN APPLICATION OF THE ACTOR-NETWORK THEORY**
  - Richard Stachel
  - Robert Morris University
  - rdss175@mail.rmu.edu
  - Marilyn DeLaHaye
  - Robert Morris University
  - mcdst248@mail.rmu.edu

- **EFFECTIVE NETWORK SECURITY AUDIT TRAIL MANAGEMENT PRACTICES: AN EXPLORATORY STUDY**
  - Daniel O'Kelley
  - JKL Technologies Inc.
  - dkokelley@gmail.com
  - L. Richard Ye
  - California University, Northridge
  - Richard.ye@csun.edu
  - Christopher Jones
  - California University, Northridge
  - Christopher.Jones@csun.edu
  - David Miller
  - California University, Northridge
  - david.w.miller@csun.edu

- **A MULTIFACTOR RESEARCH MODEL OF ANTECEDENTS OF SECURITY AND PRIVACY IN HEALTH CARE SETTINGS**
  - Sushma Mishra
  - Robert Morris University
  - mishra@rmu.edu
  - Peter Draus
  - Robert Morris University
  - draus@rmu.edu
  - Natalya Goreva
  - Robert Morris University
  - goreva@rmu.edu
  - Don Caputo
  - Robert Morris University
  - caputo@rmu.edu

**STUDENTS, ADOPTION & PERFORMANCE**

- **A TASK TECHNOLOGY FIT MODEL ON E-LEARNING**
  - Linwu Gu
  - Indiana University of Pennsylvania
  - lgu@iup.edu
  - Jianfeng Wang
  - Indiana University of Pennsylvania
  - jwang@iup.edu

- **MSLQ: INSTRUMENT VALIDATION OF MOTIVATION AND LEARNING STRATEGIES FOR ACQUIRING COMPUTER SOFTWARE APPLICATION SKILLS**
  - Shelia M. Smith
  - Ball State University
  - smariesmith@bsu.edu
  - Catherine Chen
  - Ball State University
  - cchen@bsu.edu

- **HOW TO INCREASE ADOPTION RATES AND USE OF E-TEXTS IN THE UNIVERSITY SETTING**
  - Hal Records
  - Bryant University
  - hrecords@bryant.edu
  - Suhong Li
  - Bryant University
  - sli@bryant.edu
  - Janet Prichard
  - Bryant University
  - prichard@bryant.edu
  - Robert Behling
  - Arrowhead Technology
  - behlingr@hotmail.com
**Friday, October 9:45-10:45**

<table>
<thead>
<tr>
<th>Room:</th>
<th>Indian Shores</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session Chair:</td>
<td>Michele Kleckner</td>
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</tbody>
</table>

**BIG DATA – PANEL DISCUSSION**

THE INS AND OUTS OF ADDING AN UNDERGRADUATE MAJOR IN DATA ANALYTICS

Michele Kleckner  
Elon University  
[mailto:mkleckne@elon.edu](mailto:mkleckne@elon.edu)

Orion Welch  
St. Mary's University  
[mailto:owelch@stmarytx.edu](mailto:owelch@stmarytx.edu)

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<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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| 10:45 | Networking Break ..................  
<p>|       | Foyer                          |</p>
<table>
<thead>
<tr>
<th>Room: Longboat Key 1</th>
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<tbody>
<tr>
<td>Session Chair: Joseph Compomizzi</td>
</tr>
<tr>
<td>GOVERNMENT, MILITARY, TECHNOLOGY</td>
</tr>
<tr>
<td>CYBERSPACE: A VENUE FOR TERRORISM</td>
</tr>
<tr>
<td>David Bleda</td>
</tr>
<tr>
<td>Embry Riddle Aeronautical University</td>
</tr>
<tr>
<td><a href="mailto:biedad@my.erau.edu">biedad@my.erau.edu</a></td>
</tr>
<tr>
<td>Leila Halawil</td>
</tr>
<tr>
<td>Embry Riddle Aeronautical University</td>
</tr>
<tr>
<td><a href="mailto:halawil@erau.edu">halawil@erau.edu</a></td>
</tr>
<tr>
<td>Carl Rebman</td>
</tr>
<tr>
<td>University of San Diego</td>
</tr>
<tr>
<td><a href="mailto:carlr@sandiego.edu">carlr@sandiego.edu</a></td>
</tr>
<tr>
<td>Deborah Kelly</td>
</tr>
<tr>
<td>University of San Diego</td>
</tr>
<tr>
<td><a href="mailto:dkelley@sandiego.edu">dkelley@sandiego.edu</a></td>
</tr>
<tr>
<td>Queen Booker</td>
</tr>
<tr>
<td>Minnesota State University – Makato</td>
</tr>
<tr>
<td><a href="mailto:Queen.booker@mnsu.edu">Queen.booker@mnsu.edu</a></td>
</tr>
<tr>
<td>Richard Custin</td>
</tr>
<tr>
<td>University of San Diego</td>
</tr>
<tr>
<td><a href="mailto:rcustin@sandiego.edu">rcustin@sandiego.edu</a></td>
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<tr>
<td>ACADEMIC PREPARATION AND THE INFLUENCE OF IPAD TECHNOLOGY ON MILITARY AND US VETERAN STUDENTS</td>
</tr>
<tr>
<td>Joseph Compomizzi</td>
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<tr>
<td>Florida Atlantic University</td>
</tr>
<tr>
<td><a href="mailto:jcompomizzi@fau.edu">jcompomizzi@fau.edu</a></td>
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<tr>
<td>Beth SIndaco</td>
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<tr>
<td>Florida Atlantic University</td>
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<tr>
<td><a href="mailto:bsindaco@fau.edu">bsindaco@fau.edu</a></td>
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<tbody>
<tr>
<td>Session Chair: Rhonda Chicone</td>
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<tr>
<td>E-LEARNING, ONLINE EDUCATION</td>
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<tr>
<td>ONLINE DEGREE PROGRAMS-HOW COLLEGES OF BUSINESS EXTEND &quot;COMMUNITY LEARNING&quot; BEYOND THE INDIVIDUAL COURSE</td>
</tr>
<tr>
<td>Sherry Rodrigue</td>
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<tr>
<td>Nicholls State University</td>
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<tr>
<td><a href="mailto:sherry.rodrigue@nicholls.edu">sherry.rodrigue@nicholls.edu</a></td>
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<tr>
<td>Ronnie Fanguy</td>
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<tr>
<td>Nicholls State University</td>
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<tr>
<td><a href="mailto:ronnie.fanguy@nicholls.edu">ronnie.fanguy@nicholls.edu</a></td>
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<tr>
<td>Lori Soule</td>
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<tr>
<td>Nicholls State University</td>
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<tr>
<td><a href="mailto:lori.soule@nicholls.edu">lori.soule@nicholls.edu</a></td>
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<tr>
<td>Betty Kleen</td>
</tr>
<tr>
<td>Nicholls State University</td>
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<tr>
<td><a href="mailto:betty.kleen@nicholls.edu">betty.kleen@nicholls.edu</a></td>
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<tr>
<td>BLENDED LEARNING IN THE INTRODUCTORY COMPUTER SKILLS COURSE</td>
</tr>
<tr>
<td>Paul Stephens</td>
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<tr>
<td>Bradley University</td>
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<tr>
<td><a href="mailto:prs@bradley.edu">prs@bradley.edu</a></td>
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<tr>
<td>Matthew McGowan</td>
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<tr>
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<tr>
<td><a href="mailto:mmcgowan@bradley.edu">mmcgowan@bradley.edu</a></td>
</tr>
<tr>
<td>Valerie Pape</td>
</tr>
<tr>
<td>Bradley University</td>
</tr>
<tr>
<td><a href="mailto:vpape@bradley.edu">vpape@bradley.edu</a></td>
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<tr>
<td>USING GOOGLE’S DEVELOPMENT TOOLS AND CLOUD PLATFORM: THE CREATION OF THE INVITATIONAL ONLINE TEACHING ASSESSMENT SYSTEM</td>
</tr>
<tr>
<td>Rhonda Chicone</td>
</tr>
<tr>
<td>Kaplan University</td>
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<tr>
<td><a href="mailto:rchicone@kaplan.edu">rchicone@kaplan.edu</a></td>
</tr>
<tr>
<td>Robert Lockwood</td>
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<tr>
<td>Kaplan University</td>
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<tr>
<td><a href="mailto:rlockwood@kaplan.edu">rlockwood@kaplan.edu</a></td>
</tr>
<tr>
<td>Tina Allen</td>
</tr>
<tr>
<td><a href="mailto:Drtgallen@gmail.com">Drtgallen@gmail.com</a></td>
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### Friday, October 9, 11:00-12:00

<table>
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<tr>
<th>Room: Siesta Key</th>
<th>Room: Madeira</th>
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</thead>
<tbody>
<tr>
<td>Session Chair: Matthew North</td>
<td>Session Chair: Alan Peslak</td>
</tr>
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</table>

#### LEARNING, BIG DATA

**LEARNING ABOUT LEARNING ABOUT LEARNING:** INSIGHTS FROM A STUDENT SURVEY IN A HYBRID CLASSROOM ENVIRONMENT

Guido Lang  
Quinnipiac University  
guido.lang@quinnipiac.edu  
Stephen D. O’Connell  
Graduate Center, City University of New York  
socconnell@gc.cuny.edu

**BIG DATA ANALYTICS**

Jasmine Zakir  
Minot State University  
jasminezakir@outlook.com  
Tom Seymour  
Minot State University  
tom.seymour@minotstateu.edu  
Kristi Berg  
Minot State University  
kristi.berg@minotstateu.edu

**COOL OR CREEPY: CONSUMER COMFORT LEVEL WITH SENTIMENT ANALYTICS**

Matthew North  
Utah Valley University  
mnorth@uvu.edu

#### CLOUD COMPUTING, INTERNSHIPS, LEARNING MANAGEMENT

**WHAT IS SO DIFFERENT ABOUT STEM INTERNSHIPS?**

Kristen E. Martinez  
Western Carolina University  
kemartinez11@catamount.wcu.edu  
Barbara Jo White  
Western Carolina University  
whiteb@email.wcu.edu  
Jennifer H. Williams  
Western Carolina University  
jhwilliams@email.wcu.edu

**IMPACT OF THE USE OF BLACKBOARD ON PERFORMANCE OF ACCOUNTING STUDENTS**

Laurence Lawson-Body  
University of North Dakota  
lawrence.lawsonbody@business.und.edu  
Lori Willoughby  
Minot State University  
lori.willoughby@minotstateu.edu  
Assion Lawson-Body  
University of North Dakota  
alawsonbody@business.und.edu

**CAN WE LIVE WITHOUT THE INTERNET? AN OVERALL AND DEMOGRAPHIC ANALYSIS OF INTERNET USAGE AND DEPENDENCE**

Alan Peslak  
Penn State University  
ar14@psu.edu
Friday, October 9, 11:00-12:00
Room: Indian Shores
Session Moderator: Richard Bassett

**ENTERPRISE, INTELLIGENCE, CLOUD**

**FACTORS AFFECTING CLOUD COMPUTING ADOPTION AMONG UNIVERSITIES AND COLLEGES IN THE UNITED STATES AND CANADA**
William Klug
British Columbia Institute of Technology
wklug@telus.net
Xue Bai
Virginia State University
xbai@vsu.edu

**A CONCEPTUAL MODEL TO MEASURE ERP USER-VALUE**
Mohamed Lotfy
Regis University
mlotfy@regis.edu
Leila Halawi
Embry Riddle Aeronautical University
halawil@erau.edu

**THE RISKS AND REWARDS OF COMPUTING EVERYWHERE FOR SMALL BUSINESS ENTREPRENEURS**
Richard Bassett
Southern Connecticut State
bassettr3@southernct.edu
Anthony Richardson
Southern Connecticut State
richardsona4@southernct.edu
Robert Page
Southern Connecticut State
pager1@southernct.edu

12:00 - 2:00
Business Luncheon & Award Presentations ............... Sand Key Ballroom
<table>
<thead>
<tr>
<th>Room: Longboat Key 1</th>
<th>Room: Longboat Key 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session Chair: Mysore Ramaswamy</td>
<td>Session Chair: Nan Sun</td>
</tr>
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</table>

**ETHICS, PRIVACY, GOVERNMENT**

**THE IMPACT OF CHINESE E-GOVERNMENT-TO-CITIZENS ON GOVERNMENT TRANSPARENCY AND PUBLIC PARTICIPATION**
- Jensen Zhao
- Ball State University
- [jzhao@bsu.edu](mailto:jzhao@bsu.edu)
- Sherry Zhao
- Massachusetts Institute of Technology
- [syzhao@alum.mit.edu](mailto:syzhao@alum.mit.edu)
- Melody Alexander
- Ball State University
- [malexand@bsu.edu](mailto:malexand@bsu.edu)
- Allen Truell
- Ball State University
- [atruell@bsu.edu](mailto:atruell@bsu.edu)

**E-GOVERNMENT SUCCESS FACTORS: A PERSPECTIVE ON GOVERNMENT UNITS**
- Ewa Ziemba
- University of Economics in Katowice
- [ewa.ziemba@ue.katowice.pl](mailto:ewa.ziemba@ue.katowice.pl)
- Tomasz Papaj
- University of Economics in Katowice
- [tomasz.papaj@ue.katowice.pl](mailto:tomasz.papaj@ue.katowice.pl)
- Maria Jadamus-Hacura
- University of Economics in Katowice
- [maria.jadamus-hacura@ue.katowice.pl](mailto:maria.jadamus-hacura@ue.katowice.pl)

**LEVERAGING E-GOVERNANCE FOR A BETTER BUREAUCRACY**
- Mysore Ramaswamy
- Southern University
- [mysore@acm.org](mailto:mysore@acm.org)

**SOCIAL NETWORK OPINION, INFORMATION EXCHANGE, & ETIQUETTE**

**NEW TECHNOLOGY ADOPTION: EMBRACING CULTURAL INFLUENCES**
- Debra J Borkovich
- Robert Morris University
- [borkovich@rmu.edu](mailto:borkovich@rmu.edu)
- Jennifer Breese-Vitelli
- Middle Georgia State University
- [breesevitelli@comcast.net](mailto:breesevitelli@comcast.net)
- Robert Skovira
- Robert Morris University
- [skovira@rmu.edu](mailto:skovira@rmu.edu)

**A DISCUSSION ABOUT CULTURE AND INFORMATION SECURITY POLICY COMPLIANCE: A SUB-CULTURALLY BOUND DETERMINANT—REDEFINING THE HOFSTEDE HYPOTHESIS**
- Fahad Al-Khalifa
- Robert Morris University
- [Faast100@mail.rmu.edu](mailto:Faast100@mail.rmu.edu)
- Frederick Kohun
- Robert Morris University
- [kohun@rmu.edu](mailto:kohun@rmu.edu)
- Robert Skovira
- Robert Morris University
- [skovira@rmu.edu](mailto:skovira@rmu.edu)

**WHAT MAKES THEM CLICK: GENDER, SOCIAL MEDIA & THE COLLEGE AUDIENCE**
- Michaela Saunders
- Washburn University
- [michaela.saunders@washburn.edu](mailto:michaela.saunders@washburn.edu)
- Keval Shah
- Washburn University
- [keval.shah@washburn.edu](mailto:keval.shah@washburn.edu)
- Zachary Smith
- Washburn University
- [zachary.smith@washburn.edu](mailto:zachary.smith@washburn.edu)
- Nan Sun
- Washburn University
- [nan.sun@washburn.edu](mailto:nan.sun@washburn.edu)
<table>
<thead>
<tr>
<th>Room: Siesta Key</th>
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</thead>
<tbody>
<tr>
<td>Session Chair: James Cappel</td>
<td>Session Chair: Cecil Schmidt</td>
</tr>
<tr>
<td><strong>WEB, INTERNET, CLOUD</strong></td>
<td><strong>DATABASE &amp; PROGRAMMING</strong></td>
</tr>
<tr>
<td>CLOUD COMPUTING: A CROSS-CULTURAL COMPARISON BETWEEN COMPUTER AND INFORMATION SYSTEMS FACULTY AT TWO UNIVERSITIES</td>
<td>SERVER-BASED VIRTUAL MACHINE HOSTING ENVIRONMENT IN SUPPORT OF UNIVERSITY INFORMATION TECHNOLOGY PROGRAMMING COURSES</td>
</tr>
<tr>
<td>Fahad Alfifi Robert Morris University <a href="mailto:faast219@mail.rmu.edu">faast219@mail.rmu.edu</a></td>
<td>George Stefanek Purdue University - North Central <a href="mailto:stefanek@pnc.edu">stefanek@pnc.edu</a></td>
</tr>
<tr>
<td>Wenli Wang Robert Morris University <a href="mailto:wangw@rmu.edu">wangw@rmu.edu</a></td>
<td>Nipul Patel Purdue University – North Central <a href="mailto:npatel@pnc.edu">npatel@pnc.edu</a></td>
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<tr>
<td>Paul Kovacs Robert Morris University <a href="mailto:kovacs@rmu.edu">kovacs@rmu.edu</a></td>
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<tr>
<td>Gary Davis Robert Morris University <a href="mailto:davis@rmu.edu">davis@rmu.edu</a></td>
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<tr>
<td>Saeed Al-Malik King Khalid University</td>
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</tr>
<tr>
<td>FAIR INFORMATION PRACTICES AT THE FORTUNE 500: AN EXAMINATION BY ORGANIZATION SIZE AND INDUSTRY SECTOR</td>
<td>TEACHING INTRODUCTORY PROGRAMMING WITH GAME DESIGN AND PROBLEM-BASED LEARNING</td>
</tr>
<tr>
<td>Carl Case St. Bonaventure University <a href="mailto:ccase@sbu.edu">ccase@sbu.edu</a></td>
<td>Andrey Soares Southern Illinois University <a href="mailto:asoares@siu.edu">asoares@siu.edu</a></td>
</tr>
<tr>
<td>Darwin King St. Bonaventure University <a href="mailto:dking@sbu.edu">dking@sbu.edu</a></td>
<td>Frederico Fonseca Pennsylvania State University <a href="mailto:fredfonseca@ist.psu.edu">fredfonseca@ist.psu.edu</a></td>
</tr>
<tr>
<td></td>
<td>Nancy Martin Southern Illinois University <a href="mailto:nlmartin@siu.edu">nlmartin@siu.edu</a></td>
</tr>
<tr>
<td>THE ICEBERG MODEL OF WEBSITE USABILITY</td>
<td>AN EXPERIMENTAL COMPARISON BETWEEN DISCRETE WAVELET TRANSFORMS WITH THE 1-NN CLASSIFIER</td>
</tr>
<tr>
<td>James Cappel Central Michigan University <a href="mailto:james.cappel@gmail.com">james.cappel@gmail.com</a></td>
<td>Cecil Schmidt Washburn University <a href="mailto:cecil.schmidt@washburn.edu">cecil.schmidt@washburn.edu</a></td>
</tr>
<tr>
<td>Zhenyu Huang Central Michigan University <a href="mailto:huang1z@cmich.edu">huang1z@cmich.edu</a></td>
<td>Rob Roy Rutherford Washburn University <a href="mailto:robroy.rutherford@washburn.edu">robroy.rutherford@washburn.edu</a></td>
</tr>
<tr>
<td></td>
<td>Jared Ready Washburn University <a href="mailto:jared.ready@washburn.edu">jared.ready@washburn.edu</a></td>
</tr>
</tbody>
</table>
Friday, October 9, 2:00 - 3:00

Room: Indian Shores
Session Chair: Paul Kovacs

**IS CURRICULUM**

**PLAY BALL: BRINGING SCRUM INTO THE CLASSROOM**
Jeffrey May
James Madison University
mayjl@jmu.edu
Jim York
FoxHedge LTD
Jim@FoxHedgeLtd.com
Diane Lending
James Madison University
lendindc@jmu.edu

**ANALYZING AN INFORMATION SYSTEMS PROGRAM SKILL-SET: A BOTTOMS-UP VALIDATION OF A TOP-DOWN DESIGN**
Arnaldo I Tamos-Torres
University of Puerto Rico
arnaldo.ramos1@upr.edu
Maria del Rodriguez-Orellana
University of Puerto Rico
mrodriguezorellana@yahoo.com

**IN-CLASSROOM TEACHING IS HERE TO STAY—AT LEAST FOR STUDENTS IN COMPUTER AND INFORMATION SYSTEMS**
Paul Kovacs
Robert Morris University
kovacs@rmu.edu
Lisa Kovalchick
California University of Pennsylvania
kovalchick@calu.edu
Alan Peslak
Penn State University
arp14@psu.edu
Wenli Wang
Robert Morris University
wangw@rmu.edu

| 3:00 - 3:20 | Networking Break ................................ Foyer |
# IACIS 2015 Conference Program

**Friday, October 9, 3:20 - 4:20**

<table>
<thead>
<tr>
<th>Room: Longboat Key 1</th>
<th>Room: Longboat Key 2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Session Chair:</strong> Scott Spangler</td>
<td><strong>Session Chair:</strong> Lynn Heinrichs</td>
</tr>
<tr>
<td><strong>ARTIFICIAL INTELLIGENCE, CYBER</strong></td>
<td><strong>SECURITY</strong></td>
</tr>
<tr>
<td><strong>INNOVATING KNOWLEDGE MANAGEMENT IN CYBER WARFARE</strong></td>
<td><strong>A LEARNING MODULE FOR CRYPTOLOGY</strong></td>
</tr>
<tr>
<td>Quinn Lanzendorfer</td>
<td>Wenli Wang</td>
</tr>
<tr>
<td>Robert Morris University</td>
<td>Robert Morris University</td>
</tr>
<tr>
<td><a href="mailto:gelst1@mail.rmu.edu">gelst1@mail.rmu.edu</a></td>
<td><a href="mailto:wangw@rmu.edu">wangw@rmu.edu</a></td>
</tr>
<tr>
<td>Scott Spangler</td>
<td><strong>INFORMATION EXPOSURE MODEL: A FRAMEWORK FOR INDIVIDUAL ASSESSMENT OF RISK AND BENEFITS FROM USING A WEBSITE</strong></td>
</tr>
<tr>
<td>Robert Morris University</td>
<td>Robert Leitheiser</td>
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<tr>
<td><a href="mailto:sspangler_us@yahoo.com">sspangler_us@yahoo.com</a></td>
<td>University of Wisconsin-Whitewater</td>
</tr>
<tr>
<td><strong>CYBERSECURITY: CHALLENGES FROM A KNOWLEDGE MANAGEMENT AND BUSINESS INTELLIGENCE PERSPECTIVE</strong></td>
<td><a href="mailto:leitheir@uww.edu">leitheir@uww.edu</a></td>
</tr>
<tr>
<td>Susan Tisdale</td>
<td>Roger Yin</td>
</tr>
<tr>
<td>Robert Morris University</td>
<td>University of Wisconsin-Whitewater</td>
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<tr>
<td><a href="mailto:smtst173@mail.rmu.edu">smtst173@mail.rmu.edu</a></td>
<td><a href="mailto:yinl@uww.edu">yinl@uww.edu</a></td>
</tr>
<tr>
<td><strong>IS ARTIFICIAL INTELLIGENCE RESEARCH STYMIED BECAUSE THE UNITED STATES AND EUROPEAN UNION BOTH HOARD KNOWLEDGE?</strong></td>
<td><strong>ENGAGING A DIVERSE STUDENT AUDIENCE IN AN INFORMATION SECURITY COURSE</strong></td>
</tr>
<tr>
<td>Scott Spangler</td>
<td>Lynn Heinrichs</td>
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<td>Robert Morris University</td>
<td>Western Carolina University</td>
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<td><a href="mailto:sspangler_us@yahoo.com">sspangler_us@yahoo.com</a></td>
<td><a href="mailto:lynn@heinrichs.us">lynn@heinrichs.us</a></td>
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<tr>
<td>Quinn Lanzendorfer</td>
<td><strong><a href="mailto:gelst1@mail.rmu.edu">gelst1@mail.rmu.edu</a></strong></td>
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<tr>
<td>Time</td>
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<tr>
<td>3:20-4:20</td>
<td><strong>IT, ANALYSIS, LEARNING</strong></td>
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<tr>
<td></td>
<td>ORGANIZATIONAL CULTURE: IMPORTANCE AND IMPACT FOR THE MODERN ORGANIZATION</td>
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<tr>
<td></td>
<td>Dennis Mott</td>
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<td></td>
<td>Oklahoma State University</td>
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<td><a href="mailto:dennis.mott@okstate.edu">dennis.mott@okstate.edu</a></td>
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<td></td>
<td><strong>INFORMATION SYSTEMS STUDENTS' ORAL AND WRITTEN COMMUNICATION: A CONTINUOUS IMPROVEMENT PROCESS</strong></td>
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<tr>
<td></td>
<td>Allen Truell</td>
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<td>Ball State University</td>
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<td></td>
<td><a href="mailto:atruell@bsu.edu">atruell@bsu.edu</a></td>
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<td></td>
<td>Jensen Zhao</td>
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<td>Ball State University</td>
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<td></td>
<td><a href="mailto:jzhao@bsu.edu">jzhao@bsu.edu</a></td>
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<tr>
<td></td>
<td>Melody Alexander</td>
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<td>Ball State University</td>
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<td></td>
<td>[melody <a href="mailto:alexander@email.com">alexander@email.com</a>](mailto:melody <a href="mailto:alexander@email.com">alexander@email.com</a>)</td>
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<tr>
<td></td>
<td><strong>DO ONLINE AND FACE-TO-FACE STUDENTS EXHIBIT THE SAME INFORMATION ANALYSIS SKILLS?</strong></td>
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<tr>
<td></td>
<td>Nelbert St. Clair</td>
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<td></td>
<td>Middle Georgia State University</td>
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<td></td>
<td><a href="mailto:nelbert.stclair@mga.edu">nelbert.stclair@mga.edu</a></td>
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<tr>
<td></td>
<td>John Girard</td>
</tr>
<tr>
<td></td>
<td>Middle Georgia State University</td>
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<tr>
<td></td>
<td><a href="mailto:john.girard@mga.edu">john.girard@mga.edu</a></td>
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<tr>
<td></td>
<td><strong>BIG DATA</strong></td>
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<tr>
<td></td>
<td>TECHNOLOGY, LEADERSHIP, AND CULTURE: ESSENTIAL IN THE BIG DATA ERA</td>
</tr>
<tr>
<td></td>
<td>Deanna Klein</td>
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<tr>
<td></td>
<td>Minot State University</td>
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<tr>
<td></td>
<td><a href="mailto:deanna.klein@minotstate.edu">deanna.klein@minotstate.edu</a></td>
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<td>Gino Maxi</td>
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<td>Allin Interactive</td>
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<td></td>
<td><a href="mailto:gnmaxi@yahoo.com">gnmaxi@yahoo.com</a></td>
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<td><strong>BIG DATA &amp; STUDENTS: LET'S FIND THE NEEDLE IN THE HAYSTACK (PANEL DISCUSSION)</strong></td>
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<tr>
<td></td>
<td>Kristi Berg</td>
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<td></td>
<td>Minot State University</td>
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<td></td>
<td><a href="mailto:kristi.berg@minotstate.edu">kristi.berg@minotstate.edu</a></td>
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<tr>
<td></td>
<td>Carla Cabarie</td>
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<td></td>
<td>Minot State University</td>
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<tr>
<td></td>
<td><a href="mailto:carla.cabarle@minotstate.edu">carla.cabarle@minotstate.edu</a></td>
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<tr>
<td>4:30-5:00</td>
<td>JCIS Editorial Board Meeting</td>
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**IACIS 2015 Conference Program**
IACIS 2015 Conference Program

Saturday October 10, 2015

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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<tr>
<td>7:30 a.m.–11:00 a.m.</td>
<td>Registration</td>
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<td>7:00–8:00</td>
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<th>Saturday, October 10, 8:30 - 9:30</th>
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<tr>
<td>Room: Longboat Key 1</td>
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<tr>
<td>Session Chair: Zhenyu Huang</td>
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<tr>
<td>Room: Longboat Key 2</td>
</tr>
<tr>
<td>Session Chair: Thomas L Ngo-Ye</td>
</tr>
</tbody>
</table>

**IT TOPICS**

**ON SECURITY NEGOTIATION MODEL DEVELOPED FOR THE SECURITY OF THE SOCIAL NETWORKING SITES FROM THE HOSTILE USER**

Ruchi Verma  
Jaypee University of Information Technology  
ruichi.verma@juit.ac.in  
Dr. Nitin  
Jaypee University of Information Technology  
delnitin@ieee.org

**APPLYING THE VIRTUALIZATION PROCESS THEORY TO THE DECISION MAKING OF SIMULATING MILITARY TRAINING: A KNOWLEDGE MANAGEMENT PERSPECTIVE**

Ken Marsilio  
Robert Morris University  
kjmst4@mail.rmu.edu

**SNS CHOICE AND USAGE: A COMPREHENSIVE RESEARCH MODEL**

Zhenyu Huang  
Hubei University of Education  
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Dala Alqahtani  
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James Cappel  
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Zhenyu Huang  
Central Michigan University  
huang1z@cmich.edu

**CURRICULUM**

**TEACHING MBA BUSINESS ANALYTICS COURSES USING MICROSOFT POWER BI TOOLS**

Steven Mrdalj  
Eastern Michigan University  
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**TOWARDS A CONSISTENCY OF INFORMATION SYSTEMS CURRICULUM**

Mehdi Sagheb-Tehrani  
Columbus State University  
tehrani_mehdi@columbusstate.edu

**"REVISIT CHALLENGES FOR TEACHING COMPUTER LITERACY: A CASE OF USING AN ONLINE SIMULATION TOOL**

Thomas L. Ngo-Ye  
Alabama State University  
tngoye@alasu.edu  
Jae Choi  
Pittsburg State University  
choi@pittstate.edu
## CURRICULUM

**ENHANCING STUDENTS' LEARNING OF ERP CONFIGURATION THROUGH A QUICKBOOKS TUTORIAL**  
Kamal Hingorani  
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Brookes Beasley  
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bbeasley@alasu.edu  
Jorja Bradford  
Alabama State University  
jbradford@alasu.edu

**SERVICE-LEARNING PEDAGOGY IN A PROJECT MANAGEMENT COURSE: LEARNING BY DOING IN AN INFORMATION TECHNOLOGY CURRICULUM**  
Ruben Mendoza  
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rmendoza@siu.edu  
Christina Outlay  
University of Wisconsin – Whitewater  
outlayc@uwu.edu

**OBSTACLES TO THE ADOPTION OF CLOUD COMPUTING: BEST PRACTICES IN TECHNOLOGY AND COMMUNICATION**  
Craig Callender  
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craig.callender@gcsu.edu  
Bryan Marshall  
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Peter Cardon  
University of Southern University  
cardon@marshall.usc.edu  
Nipul Patel  
Purdue University North Central  
npatel@pnc.edu

## CLOUD, DIGITAL LIBRARIES

**THE CURRENT STATE OF E-BOOKS AND DIGITAL LIBRARIES OF JAPAN**  
Hisaki Goto  
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hisaki@goto.or.jp  
Ben Kim  
Seattle University  
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Kohji Inagaki  
Seattle University  
kohji.inagaki@gmail.com

**A SECURITY VULNERABILITIES ANALYSIS OF THE APACHE BIG DATA STACK AND HIGH PERFORMANCE COMPUTING TECHNOLOGIES**  
James Sissom  
Southern Illinois University Carbondale  
jsissom@siu.edu  
Alex Glasnovich  
Southern Illinois University Carbondale  
lilglass.alex@siu.edu

**THE DESIGN OF A CLOUD-BASED WEBSITE PARALLEL ARCHIVING SYSTEM**  
David Chao  
San Francisco State University  
dchao@sfsu.edu  
Sam Gill  
San Francisco State University  
sgill@sfsu.edu

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>9:30–9:50</td>
<td>Networking Break .................................................................................. Foyer</td>
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</tbody>
</table>
### MOBILITY

**AN EMPIRICAL CASE RESPONSE TO DOES INFORMATION SYSTEMS SUFFER AN IDENTITY CRISIS? A CASE STUDY OF CONFUSION AND MISINFORMATION**  
Anthony Rodi  
California University of Pennsylvania  
rodi@calu.edu  
Gina Boff  
California University of Pennsylvania  
boff@calu.edu  
Gary DeLorenzo  
California University of Pennsylvania  
de Lorenzo@calu.edu

**USEFULNESS AND USABILITY OF MOBILE DEVICES IN CHINESE-ENGLISH ELECTRONIC MEETINGS**  
Milam Aiken  
University of Mississippi  
maiken@bus.olemiss.edu  
Jianfeng Wang  
Indiana University of Pennsylvania  
jwang@iup.edu  
Linwu Gu  
Indiana University of Pennsylvania  
lgu@iup.edu  
Mahesh Vanjani  
Texas Southern University  
vanjanim@tsu.edu

**HOSPITAL EFFICIENCY MEASUREMENT USING A DATA ENVELOPMENT ANALYSIS AND ARTIFICIAL NEURAL NETWORKS**  
Juyun Cho  
Colorado State University-Pueblo  
joey.cho@csupueblo.edu

### IT ISSUES, SUPPLY CHAIN

**INFORMATION QUALITY AS A DETERMINANT OF TASK-TECHNOLOGY FIT IN USING COMMUNICATION TECHNOLOGY FOR SIMPLE TASK**  
ChongWoo Park  
Georgia Gwinnett College  
cpark@ggc.edu  
Arjan Raven  
aredraven@gmail.com

**DO BUSINESS STUDENTS USE TECHNOLOGY TO CHEAT AND DO BUSINESS FACULTY TAKE ANY ACTIONS ABOUT IT?**  
Lisa Bain  
Rhode Island College  
lbain@ric.edu  
Neelima Bhatnagar  
University of Pittsburgh-Johnstown  
bhatnagr@pitt.edu

**THE EFFECT OF OPERATION SYSTEMS AND TYPES OF APPS ON PURCHASE INTENTION**  
Hsiu-Li Liao  
Chung Yuan University  
hsuiliao@cycu.edu.tw  
Su-Houn Liu  
Chung Yuan University  
vandy@cycu.edu.tw  
Chih-Chung Cheng  
Chung Yuan University  
abcdefg303739@gmail.com
### IACIS 2015 Conference Program

**Saturday, October 10, 9:50 - 10:50**

<table>
<thead>
<tr>
<th>Room: Siesta Key</th>
<th>Room: Cedarwood 1 and 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Session Chair: Wenli Wang</td>
<td>Session Chair: Azad Ali</td>
</tr>
</tbody>
</table>

#### THE INTERNET, CLOUD COMPUTING, SYSTEMS

**AN EXPLORATORY STUDY OF EXPECTED BUSINESS VALUE OF CLOUD COMPUTING**
Ta-Tao Chuang  
Gonzaga University  
[chuang@jepson.gonzaga.edu](mailto:chuang@jepson.gonzaga.edu)  
Kazuo Nakatani  
Florida Gulf Coast University  
[knakatan@fgcu.edu](mailto:knakatan@fgcu.edu)  
Deming Chen  
Global E-Commerce Service  
[chen@globalecsi.com](mailto:chen@globalecsi.com)

**LESSONS LEARNED FROM TEACHING PROJECT-BASED SYSTEMS ANALYSIS AND DESIGN**
Wenli Wang  
Robert Morris University  
[wangw@rmu.edu](mailto:wangw@rmu.edu)

#### CURRICULUM, IDENTITY

**ELECTRONIC PAYMENT SYSTEMS USE AND SATISFACTION IN AN ARABIC COUNTRY: EVIDENCE FROM KUWAIT**
Kamel Rouibah  
[krouibah@cba.edu.kw](mailto:krouibah@cba.edu.kw)

**A DISCUSSION OF POLANYI’S TACIT DIMENSION AS A PERSPECTIVE OF KNOWLEDGE MANAGEMENT**
Robert Joseph Skovira  
[skovira@rmu.edu](mailto:skovira@rmu.edu)

**SELECTING CONTENTS FOR A NEW VIRTUALIZATION COURSE IN INFORMATION TECHNOLOGY (IT) TRACK**
Azad Ali  
Indiana University of Pennsylvania  
[Azad.ali@iup.edu](mailto:Azad.ali@iup.edu)

---

**11:00-11:45**  
Conference Debriefing  
.........................  
*Longboat Key 1 and 2*
Our thanks to the following reviewers who took time out of their schedules to review papers for the conference. Your conscientious reviews help determine the quality and continuous improvements to IIS and the conference. We appreciate your service.

Adb Wahab, Mohd Helmy, University Tun Hussein Onn Malaysia
Astani, Marzie, Winona State University
Bahl, Harish, California State University-Chico
Balan, Shilpa, California State University – Los Angeles
Behling, Robert, Arrowhead Technology
Benham, Harry, Montana State University
Boomer, Queen, Minnesota State University, Mankato
Borkovich, Debra J., Robert Morris University
Bose, Utpal, University Of Houston Downtown
Calvasina, Eugene, Southern University
Carvalho, Gerard, Montana State University
Case, Carl, St. Bonaventure University
Chen, Liqiang, University Of Wisconsin - Eau Claire
Chircu, Alina, Bentley University
Compomizzi, Joseph, Florida Atlantic University
Corbeil, Maria Elena, The University Of Texas At Brownsville
Corbeil, Joseph Rene, University Of Texas At Brownsville
Curran, Michael, Strayer University
D'Aurora, Shana, Steubenville City Schools
DeLorenzo, Gary, California University Of PA
Draus, Peter, Robert Morris University
Fisanick, Christina, California University Of PA
Fonseca, Sandra, Metropolitan University
Franc-Dabrowska, Justyna, Warsaw University Of Life Sciences
Fuad, Muztaba, Winston-Salem State University
Grublješić, Tanja, Faculty of Economics, University of Ljubljana
Halawi, Leila, Embry Riddle Aeronautical University
Han, Hao, Kanagawa University
Hilton, Tom, University Of Wisconsin Eau Claire
Holmes, Monica, Central Michigan University
Hong, Seong-Yong, KAIST
Huang, Zhenyu, Central Michigan University
Jones, Kiku, Quinnipiac University
Kavanaugh, Linda, Robert Morris University
Klein, Deanna, Minot State University
Koohang, Alex, Middle Georgia State University
Kurian, Jayan, RMIT University, Vietnam
Lang, Guido, Quinnipiac University
Lee, Seung, University Of Minnesota Duluth
Lim, Weng Marc, Monash University
Mackinnon, Ron, Georgia Southern University
Macklin, Alexis, University of Colorado Boulder
Martel, Michael, Hyland Software, Inc.
McCormick, Richard, Quinnipiac University
Mott, Dennis, Oklahoma State University
Mueller, Troy, MITRE
Natek, Srečko, MFDP Š
Nelson, Klara, University Of Tampa
Ngo-Ye, Thomas, Dalton State College
North, Matthew, Utah Valley University
Oh, Joon-Yeoul, Texas A&M University-Kingsville
Paliszkiewicz, Joanna, Warsaw University Of Life Sciences
Papaj, Tomasz, University Of Economics In Katowice
Paullet, Karen, Robert Morris University
Pendergrass, William, American Public University System
Peterson, Scott, Northern State University
Phillips, Brandis, North Carolina A&T State University
Pinchot, Jamie, Robert Morris University
Pratt, Jean, University Of Wisconsin--Eau Claire
Ramos-Torres, Arnoldo, University Of Puerto Rico
Rebman, Carl, University Of San Diego
Rodi, Anthony, California University Of Pennsylvania
Rouibah, Kamel, Kuwait University
Seymour, Tom, Minot State University
Sha, Wei, Pittsburg State University
Shirani, Ashraf, San Jose State University
Skovira, Robert, Robert Morris University
Slonka, Kevin, Pennsylvania Highlands Community College
Soule, Lori, Nicholls State University
Spangler, Scott, Robert Morris University
Troshani, Indrit, University Of Adelaide
Wang, Shouhong, University Of Massachusetts Dartmouth
Webb, G. Kent, San Jose State University
Wilkinson, Victor, Davenport University
Willoughby, Lori, Minot State University
Zhou, Steve, University Of Houston Downtown
Ziemba, Ewa, University Of Economics In Katowice