



International Association for
Computer Information Systems

57th Annual International Conference
October 4 - 7, 2017
The Courtyard Philadelphia Downtown Marriot
Philadelphia, Pennsylvania

Higher Education 3.0: Educating Generation Next

Conference Program



PREFACE

Welcome to the 57th Annual Conference for the International Association for Computer Information Systems and to Philadelphia, Pennsylvania, a fun and historical city to visit.

This year's theme, *Higher Education 3.0: Educating Generation Next* was embraced by this year's authors with presentations discussing higher education policy, leadership, and practice; user-generated education models and practices; building industry-specific knowledge and skills; and as other important topics, such as cyber curricula IT globalization; information management; big data; harnessing social media; MIS instruction' IT globalization; and many more.

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 and panels appear in the Conference Proceedings and are found at <http://iacis.org/conference/conference.php>.

The IACIS board members would like to take this opportunity to thank you for contributing to the 57th Annual IACIS Conference, and for your continued support. We look forward to lively and meaningful presentations, discussions, and collegial networking.

SAVE THE DATE

Join us next for the
58th Annual IACIS Conference
October 3 - 7, 2018
Clearwater Beach Marriott Suites on Sand Key,
Clearwater Beach, Florida

The IACIS 2017 Conference Program is an official publication of the
INTERNATIONAL ASSOCIATION FOR COMPUTER INFORMATION SYSTEMS

IACIS EXECUTIVE BOARD & MEMBERS

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ACKNOWLEDGEMENTS

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

AWARD RECIPIENTS



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

PROGRAM OVERVIEW

Wednesday, October 4, 2017		Location
6:00 - 8:00 p.m.	Registration	Juniper
6:00 - 8:00 p.m.	Welcome Reception	Juniper

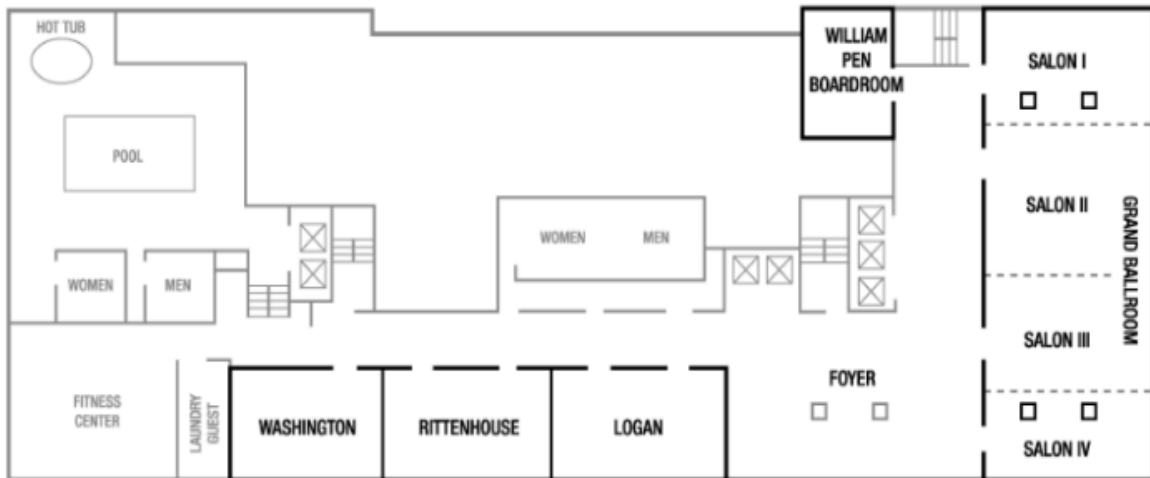
Thursday, October 5, 2017		Location
8:00 a.m. - 4:00 p.m.	Registration	Foyer
7:00 - 8:30	Breakfast	Juniper
8:00 - 8:30	Welcome & Introductions	Juniper
8:40 - 9:40	Concurrent Paper Sessions	Washington Rittenhouse Logan Salon 3
9:50 - 10:50	Concurrent Paper Sessions	Washington Rittenhouse Logan Salon 3
10:50 - 11:10	Networking Break	Foyer
11:10 - 12:10	Concurrent Paper Sessions	Washington Rittenhouse Logan Salon 3
12:10 - 1:30	Networking Lunch	Juniper
1:30 - 2:30	Concurrent Paper Sessions	Washington Rittenhouse Logan Salon 3
2:30 - 2:50	Networking Break	Foyer
2:50 - 3:50	Concurrent Paper Sessions	Washington Rittenhouse Logan Salon 3
4:00 - 4:30	JCIS Editorial Board Meeting	Salon 3
6:00 - 9:00 p.m.	Fun Night	

Friday, October 6, 2017		Location
8:00 a.m. - 4:00 p.m.	Registration	Foyer
7:00 - 8:30	Breakfast	Juniper
8:20 - 8:30	General Announcements	Juniper
8:40 - 9:40	Concurrent Paper Sessions	Washington Rittenhouse Salon 2
9:50 - 10:50	Concurrent Paper Sessions	Washington Rittenhouse Salon 2
10:50 - 11:10	Networking Break	Foyer
11:10 - 12:10	Concurrent Paper Sessions	Washington Rittenhouse Salon 2
12:20 - 2:20	Business Luncheon & Awards	Juniper
2:30 - 3:30	Concurrent Paper Sessions	Washington Rittenhouse Salon 2

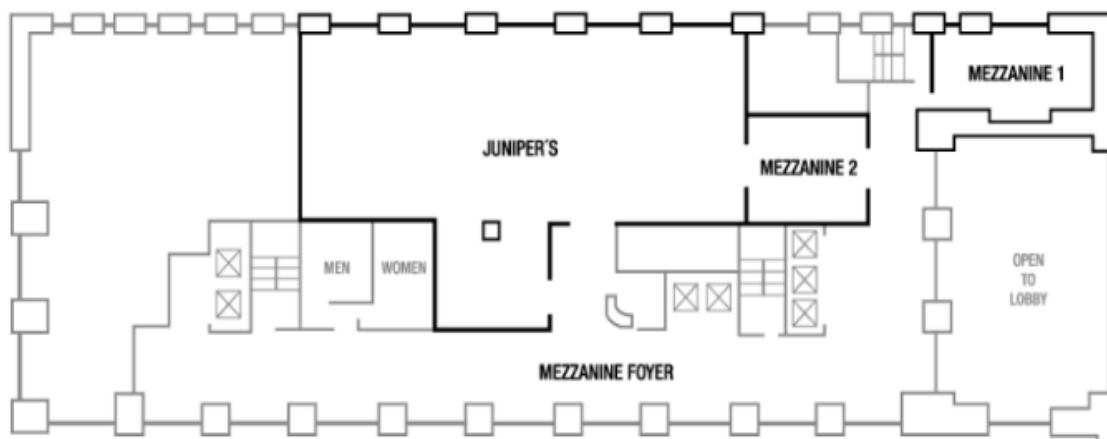
Saturday, October 7, 2017		Location
8:00 - 10:00 a.m.	Registration	Foyer
7:00 - 8:30	Breakfast	Juniper
8:30 - 9:30	Concurrent Paper Sessions	Washington Rittenhouse Salon 2
9:30 - 9:50	Networking Break	Foyer
9:50 - 10:50	Concurrent Paper Sessions	Washington Rittenhouse Salon 2
11:00 - 11:45	Conference Debriefing	Salon 2

The Courtyard Philadelphia Downtown Marriot Meeting & Conference Rooms

FIRST FLOOR



MEZZANINE LEVEL



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IACIS RECOGNITION AWARDS OVERVIEW

Each year IACIS recognizes a number of individuals who have made significant contributions to Information Systems and related fields through scholarship, research, publication, curriculum and program development, and service with the awards below.

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 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 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 is 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. The presentation is made at the annual IACIS International Conference.

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, and all papers accepted for presentation at the conference are candidates.

Best Conference Research Paper

An award for the best paper addressing 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 and all papers accepted for presentation at the conference are candidates.

2017 IACIS RECOGNITION AWARD RECIPIENTS

2017 Computer Educator of the Year

Suhong Li

Professor Li has been a member of the Bryant University, Smithfield, RI faculty since 2001. During her time at Bryant, Dr. Li has received the Teaching Merit Award, the Research Merit Award (twice), the Outstanding Research Award, and several conference best paper awards.

She has authored almost 40 scholarly publications and over fifty conference proceedings.



Her conference participation includes over 50 referred presentations and several invited presentations in both the United States and Asia. For many of the conferences, she also served as a track chair, session chair, and panel co-organizer or discussant.

Dr. Li has served on numerous committees while at Bryant University, including the AACSB Assurance of Learning Steering Committee, the AACSB Assessment Steering Committee, and the Curriculum Committee. She has also collaborated with overseas universities to establish a joint degree program.

Her career also includes notable service, such as serving as an Associate of the Teradata Advisory Board, School Council Member, and serving on the Rhode Island Association of Chinese Americans Scholarship Committee.

Professor Li is a SAP Certified Associate, Certified SAP ERPsim instructor and Certified Teradata Professional. She has attended numerous SAP and Teradata training workshops and has participated in many on campus faculty development programs. She is on the Editorial Board of several journals and serves as a reviewer for more than a dozen journals and scholarly publications.

Professor Li has a remarkable record of scholarship, teaching, and service, and we congratulate her on receiving the *2017 Computer Educator of the Year Award*.

2017 Ben Bauman Award for Excellence

Wenying "Nan" Sun



Wenying "Nan" Sun has been a faculty member at Washburn University, Topeka, Kansas, for the past fifteen years. During this time, she has worked closely with her Washburn Computer Information Sciences students, helping them sharpen their research and writing skills, as well as guiding their overall academic development.

Prior to joining the faculty, she worked as a programmer/analyst at the Kansas Foundation for Medical Care and an applications specialist for the Topeka Public Schools. She is a Certified Software Development Professional and earned her Ph.D. from the University of Kansas.

In addition to working closely with students in various research projects, Professor Sun has been a prolific researcher and writer. She has published almost forty referred technical and research papers in journals and conference proceedings and has made conference presentations throughout North America.

Professor Sun has had a significant and positive impact on her students over the years, has contributed to Information Technology education through her many conference presentations and scholarly publications, and has advanced Information Technology knowledge through her numerous research projects. Her extensive work with students supports the IACIS mission of developing knowledge and skills of Information Systems and technology professionals.

We congratulate Wenying "Nan" Sun as the recipient of the 2017 Ben Bauman Award for Excellence award.

Jay Liebowitz Outstanding Student Research Award

PERCEPTION OF DIGITAL SURVEILLANCE: A COMPARATIVE STUDY OF HIGH SCHOOL STUDENTS IN THE U.S. AND CHINA

Benjamin Zhang, Topeka High School
Harry M. Peterson, Jr., Topeka High School
Wenying Sun, Washburn University

Best Paper Award – Pedagogy

NO STUDENT IS AN ISLAND: DEGREDDATION OF INSTRUCTOR PRESENCE IN THE MULTI-SITE IS CLASSROOM

Thomas Lombardi, University of the Virgin Island
Matthew North, Utah Valley University

Best Paper Award – Pedagogy, Honorable Mention

A CONSTRUCTIVE TEAM PROJECT MODEL FOR ONLINE CYBERSECURITY EDUCATION

Ping Wang, Robert Morris University
Raed Sbeit, Verizon

Best Paper Award – Research

A CASE STUDY IN PERSONAL PRIVACY

James J. Cappel, Central Michigan University
Vishal Shah, Central Michigan University

Best Paper Award – Research, Honorable Mention

COMMUNICATION IN CYBERSECURITY: A PUBLIC COMMUNICATION MODEL FOR BUSINESS DATA BREACH INCIDENT HANDLING

Ping Wang, Robert Morris University
Sun-A Park, Robert Morris University

PROGRAM PRESENTATIONS

Thursday, October 5, 2017

8:00 a.m. - 4:00 p.m.	Registration	Foyer
7:00 - 8:30 a.m.	Breakfast	Juniper
8:00 - 8:30 a.m.	Welcome & Introductions	Juniper

Thursday, October 5, 8:40 - 9:40 a.m.

Room: Washington Session Chair: RJ Podeschi	Room: Rittenhouse Session Chair: Nicholas Ball
<p><i>Innovating Workplace Readiness</i></p> <p>INFUSING ENTREPRENEURSHIP INTO INFORMATION SYSTEMS USING RASPBERRY PI RJ Podeschi Millikin University rpodeschi@millikin.edu</p> <p>USING HIGH IMPACT PRACTICES TO MEET EMPLOYER 'SOFT SKILL' EXPECTATIONS IN COMPUTER INFORMATION SYSTEMS EDUCATION Bruce Saulnier Quinnipiac University bruce.saulnier@qu.edu</p> <p>INTEGRATING ERP AND BPM TO I.S. CORE IN MBA CURRICULUM: AN INNOVATIVE FRAMEWORK Ming Wang California State University ming.wang@calstatela.edu Xihui Zhang University of North Alabama xzhang6@una.edu</p>	<p><i>Business and IT Management</i></p> <p>MANAGING HIGH-RISK PROJECT AND IT COMPLEXITY FOLLOWING A CORPORATE RESTRUCTURING Kathleen S. Hartzel Duquesne University hartzel@duq.edu William E. Spangler Duquesne University spangler@duq.edu</p> <p>BUILDING KNOWLEDGE AND SKILLS IN CORPORATE LEARNING AND DEVELOPMENT PROGRAMS: VERIZON CASE STUDY Raed Sbeit Verizon raed.sbeit@verizonwireless.com</p> <p>THE CIO SKILL SET, AND HOW CIO's OBTAINED THE SKILLS Nicholas Ball Utah Valley University nicholas.ball@uvu.edu John Anderson Utah Valley University janderson@uvu.edu</p>

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Thursday, October 5, 8:40 - 9:40 a.m.

Room: Logan

Session Chair: Mike Mitri

Room: Salon 3

Session Chair: Debra Borkovich

E-Learning, Technology for Learning

**THE USE OF VIRTUALIZATION
TECHNOLOGY TO SUPPORT
INFORMATION TECHNOLOGY
PROGRAMMING COURSES**

George Stefanek

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**A PICTURE TELLS A THOUSAND WORDS:
STORY VISUALIZATION USING CORENLP
& D3**

Mike Mitri

James Madison University

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**THE EDTECH BLOG: LEARNING BEYOND
THE CLASSROOM THROUGH SOCIAL
SPACES FOR INFORMAL LEARNING**

Joseph Rene Corbeil

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Maria Elena Corbeil

The University of Texas Rio Grande Valley

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Panel: Social Media & Content

**THE POLITICAL MASTERY OF TWITTER:
EXPLORING CONTEXT COLLAPSE THROUGH
SOCIAL MEDIA**

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Robert J. Skovira

Robert Morris University

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Frederick Kohun

Robert Morris University

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Thursday, October 5, 9:50 - 10:50 a.m.

Room: Washington Session Chair: Nicolas Edwards	Room: Rittenhouse Session Chair: Kevin Slonka
<p><i>Mobile Forensics, Cybersecurity, and Databases</i></p> <p>SECURITY POLICIES AND DATA PROTECTION OF MOBILE DEVICES IN THE WORKPLACE Alex Koohang Middle Georgia State University alex.koohang@mga.edu Maria Teresa Riggio LUM Jean Monet University riggio@lum.it Joanna Paliszkievicz Warsaw University of Life Sciences joanna_paliszkiewicz@sggw.pl Jeretta Nord Oklahoma State University jeretta.nord@okstate.edu</p> <p>CYBERSECURITY VULNERABILITY ANALYSIS VIA VIRTUALIZATION Jorge Savaglia University of Maryland jorge.savaglia@gmail.com Ping Wang Robert Morris University wangp@rmu.edu</p> <p>REINFORCING DATABASE CONCEPTS BY USING ENTITY RELATIONSHIPS DIAGRAMS (ERD) AND NORMALIZATION TOGETHER FOR DESIGNING ROBUST DATABASES Kamal Hingorani Alabama State University khingorani@alasu.edu Dexter Gittens Alabama State University dgittens@alasu.edu Nicolas Edwards Alabama State University</p>	<p><i>Social Media Implementation & Security</i></p> <p>AWARENESS OF MALICIOUS SOCIAL ENGINEERING AMONG FACEBOOK USERS Kevin Slonka Pennsylvania Highlands Community College kslonka@pennhighlands.edu</p> <p>CYBERSECURITY EDUCATION: USING FACEBOOK'S OPEN SOURCE CAPTURE THE FLAG PLATFORM AS A HANDS-ON LEARNING AND ASSESSMENT TOOL Rhonda Chicone Kaplan University rchicone@kaplan.edu Tina Burton Kaplan University tburton@kaplan.edu Susan Ferebee Kaplan University sferebee@kaplan.edu</p> <p>CHALLENGES OF IMPLEMENTING SOCIAL MEDIA INFORMATION SYSTEMS IN UNIVERSITIES: A REGIONAL STUDY Constanta Nicoleta Bodea Bucharest University of Economic Studies bodea@ase.ro Maria Iuliana Dascalu University Politehnica of Bucharest maria.dascalu@upb.ro Martina Huemann Vienna University of Economics and Business martina.huemann@wu.ac.at Gordana Velikic RT-RK, Novi Sad, Serbia gordana.velikic@rt-rk.com Radu Ioan Mogos Bucharest University of Economic Studies mogos.radu@gmail.com</p>

Thursday, October 5, 9:50 - 10:50 a.m.

Room: Logan Session Chair: Loreen Powell	Room: Salon 3 Session Chair: Jason James
<p><i>Information Systems in Healthcare</i></p> <p>PROBLEMS ASSOCIATED WITH PATIENT CARE REPORTS AND TRANSFERRING DATA BETWEEN AMBULANCE AND HOSPITALS FROM THE PERSPECTIVE OF EMERGENCY MEDICAL TECHNICIANS Smiliana Cuk Georgia Southern University Hayden Wimmer Georgia Southern University hwimmer@georgiasouthern.edu Loreen Powell Bloomsburg University of Pennsylvania lpowell@bloomu.edu</p> <p>AUTOMATICALLY CLASSIFYING PUBMED ABSTRACTS AS BENCH OR BEDSIDE Daniel McDonald Utah Valley University dmcdonald@uvu.edu Michelle Aston Utah Education and Telehealth Network mashton@uen.org</p> <p>EVALUATION OF PREDICTIVE ANALYTIC TECHNIQUES IN HEALTHCARE RESEARCH: A PRISMA STYLE REVIEW Hayden Wimmer Georgia Southern University hwimmer@georgiasouthern.edu Carl Rebman Jr. University of San Diego carlr@sandiego.edu Queen Booker University of Louisiana Monroe qeb7704@aol.com</p>	<p><i>Higher Education: Meeting Market & Student Needs</i></p> <p>DEVELOPING A NEW BUSINESS ANALYTICS DEGREE PROGRAM TO MEET MARKET NEEDS AND STATE APPROVAL Jensen Zhao Ball State University jzhao@bsu.edu Melody Alexander Ball State University malexand@bsu.edu Allen Truell Ball State University atruell@bsu.edu</p> <p>GENERATIONS Y AND Z: ARE INSTITUTIONS OF HIGHER EDUCATION EQUIPPED TO ATTRACT AND EDUCATE THEM? Mahesh Vanjani Texas Southern University vanjanim@tsu.edu</p> <p>THE CYBERSECURITY STUDENT CAREER PATH: WHICH ONE IS RIGHT FOR ME? Jason James Robert Morris University jeist243@mail.rmu.edu</p>

10:50 - 11:10 a.m.

Networking Break Foyer

Thursday, October 5, 11:10 a.m. - 12:10 p.m.

Room: Washington

Session Chair: Thilini Ariyachandra

IT Innovations in Business

INFORMATION TECHNOLOGY, SERVICE QUALITY, AND CUSTOMER SATISFACTION

Hal Records

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Suhong Li

Bryant University

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Robert Behling

Arrowrock Industries

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WHY IS WECHAT PAY SO POPULAR?

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THE INFLUENCE OF AUGMENTED REALITY ON RETAIL PRICING

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Mark Frolick

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Room: Rittenhouse

Session Chair: Allen Truell

Enhancing and Assessing Student Learning

A TOOL FOR PERFORMING ITEM ANALYSIS TO ENHANCE TEACHING AND LEARNING EXPERIENCES

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ASSESSING STUDENT PERFORMANCE IN A BUSINESS INFORMATION SYSTEMS COURSE: USING DATA ANALYSIS FOR CONTINUOUS IMPROVEMENT AND EXTERNAL/INTERNAL DOCUMENTATION NEEDS

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AS THE WORLD TURNS: A GLIMPSE INTO DISTANCE EDUCATION

Kristi Berg

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Paul Bujak

Minot State University

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Thursday, October 5, 11:10 a.m. - 12:10 p.m.

Room: Logan Session Chair: Samuel Heredos	Room: Salon 3 Session Chair: Kevin Floyd
<p>Software Use & Development</p> <p>LOOKS DO MATTER: DEVELOPING AN ACCOUNTING SOFTWARE PROGRAM IN JAVA AND NETBEANS Samuel Heredos Walsh University sheredos1@walsh.edu Philip Kim Walsh University pkim@walsh.edu</p> <p>SOURCES OF CONFLICT BETWEEN SOFTWARE DEVELOPERS AND TESTERS: A COMPARISON AND AN INTEGRATION OF TWO MODELS Xihui Zhang University of North Alabama xzhang6@una.edu Tony Hunkapillar University of North Alabama thunkapillar@una.edu</p> <p>BACK TO TEACHING A WEB DESIGN COURSE AGAIN AFTER SOME BREAK Azad Ali Indiana University of Pennsylvania azad.ali@iup.edu</p>	<p>Online Teaching & Learning Strategies</p> <p>STUDENT PERCEPTIONS OF VIDEO CONFERENCING TECHNOLOGY Kevin Floyd Middle Georgia State University kevin.floyd@mga.edu Neil Rigole Middle Georgia State University neil.rigole@mga.edu Alan Stines Middle Georgia State University alan.stines@mga.edu</p> <p>FLIPPED LEARNING ACTIVITIES FOR AN INTRODUCTION TO JAVA COURSE Hsiang-Jui Kung Georgia Southern University hjkung@georgiasouthern.edu LeeAnn Kung Rowan University kung@rowan.edu</p> <p>ASYNCHRONOUS AND SYNCNRHONOUS SESSIONS IN ONLINE COURSES: GRADUATE STUDENTS' PERCEPTIONS Zoroayka Sandoval The University of Texas Rio Grande Valley vicky.sandoval@gmail.com</p>

12:10 - 1:30 p.m.

Networking Lunch Juniper

Thursday, October 5, 1:30 - 2:30 p.m.

Room: Washington

Session Chair: Gwen White

Data Use & Applications

WITH GREAT DATA, COMES GREAT RESPONSIBILITY: UNIVERSITY STUDENTS' PERCEPTIONS ON DATA PRIVACY

Maria Salazar

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Belle Woodward

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APACHE BIG DATA ECOSYSTEM: AN EXPLORATORY ANALYSIS

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Kustim Wibowo

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DATA BACKUP PERFORMANCE INDICATORS: IS YOUR DATA BACKUP SUFFICIENT

Gwen White

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Room: Rittenhouse

Session Chair: David Douglas

Distance Education

NO STUDENT IS AN ISLAND: DEGRADATION OF INSTRUCTOR PRESENCE IN THE MULTI-SITE IS CLASSROOM



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Matthew North

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THE IMPACT OF DUAL OFFERINGS OF A CIS PROGRAM: FACE-TO-FACE, TRADITIONAL VERSUS 100% DISTANCE EDUCATION WILL WE LOSE THE FACE-TO-FACE STUDENTS?

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EVALUATING ETHICS IN DISTANCE EDUCATION LEARNING FROM A STUDENT'S POINT OF VIEW

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David Douglas

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Thursday, October 5, 1:30 - 2:30 p.m.

Room: Logan

Session Chair: Lisa Bain

IS Workplace Skills & Social Commerce

HOW DO INFORMATION SYSTEMS (IS) PROGRAMS PREPARE STUDENTS FOR ENTRY-LEVEL OCCUPATIONS IN THE COMPUTER AND IT INDUSTRY?

Lisa Bain

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FACTORS AFFECTING TRUST IN SOCIAL COMMERCE: A STRUCTURAL EQUATION MODEL

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UNIQUE SKILLS AND COMPETENCIES FOR COGNITIVE COMPUTING IMPLEMENTATIONS

Robert Samuel

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Christina Stubanas

Kathy Yacko

Room: Salon 3

Session Chair: Jean Pratt

Enhancing the IS, MIS, and MSI Curriculum

SUPPLEMENTING I.S. CORE CURRICULUM WITH HOT-TOPIC, INDEPENDENT STUDIES: A UX-DESIGN CASE STUDY

Jean Pratt

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ADDING MVC TO THE CAPSTONE MSI SYSTEMS DEVELOPMENT COURSE

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FACULTY SOCIAL LEARNING AND ENRICHMENT MIS COURSES

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2:30 - 2:50 p.m.

Networking Break Foyer

Thursday, October 5, 2:50 - 3:50 p.m.

Room: Washington

Session Chair: Deanna Klein

Studying the Workplace

THE SHIFTING LANDSCAPE OF PROFESSIONAL WORK AND POWER: ON THE PROLIFERATION OF ENTERPRISE-LEVEL QUALITY CONTROL

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EMBRACING THE DIVERSE ENVIRONMENT IN THE WORKPLACE

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EMPOWERING EMPLOYEES WITH DIGITAL AGILITY: MITIGATION STRATEGIES FOR INFORMATION GLUT

Debra J. Borkovich

Robert Morris University

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Room: Rittenhouse

Session Chair: James Cappel

The Issue of Privacy and IT in Secondary Education

PERCEPTION OF DIGITAL SURVEILLANCE: A COMPARATIVE STUDY OF HIGH SCHOOL STUDENTS IN THE U.S. & CHINA



Benjamin Zhang

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Harry Peterson

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Nan Sun

Washburn University

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THE USE AND IMPLEMENTATION OF A PROPRIETARY COMPUTER SYSTEM IN A POLISH HIGHER SCHOOL: A CASE STUDY

Malgorzata Cieciora

Polish-Japanese Academy of Information Technology

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A CASE STUDY IN PERSONAL PRIVACY



James Cappel

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Vishal Shah

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Thursday, October 5, 2:50 - 3:50 p.m.

Room: Logan Session Chair: Michael Lohle	Room: Salon 3 Session Chair: Juyun Cho
<p><i>Knowledge Management</i></p> <p>STRANGE CONCEPTUAL BEDFELLOWS: ASSESSING GROUNDED THEORY FOR EFFECTIVE VIRTUAL STUDENT TEAM PROJECT DELIVERY VIA KNOWLEDGE MANAGEMENT, QUALITATIVE RESEARCH, AND MANAGEMENT THEORY Michael Lohle University of Bridgeport mssblohle@sbcglobal.net Steven Terrell Nova Southeastern University terrell@nova.edu</p> <p>SUCCESS STORIES IN KNOWLEDGE MANAGEMENT SYSTEMS Leila Halawi Embry Riddle Aeronautical University halawil@erau.edu Richard McCarthy Quinnipiac University richard.mccarthy@quinnipiac.edu Janine Aronson University of Georgia jaronson@uga.edu</p> <p>THE SYNERGY BETWEEN PERCEPTION OF KNOWLEDGE IMPORTANCE AND GOAL SETTING AMONG POLISH MANUFACTURING COMPANIES Marcin Soniewicki Poznan University of Economics & Business marcin.soniewicki@ue.poznan.pl</p>	<p><i>Business Analytics</i></p> <p>AN EXPLANATORY STUDY ON THE BUSINESS ANALYTICS PROGRAM IN U.S. UNIVERSITIES Hae Yeon Choi Savannah State University choi@savannahstate.edu Sun Gi Chun Alabama State University sungichuhn@alasu.edu Dal Sang Chung Governors State University dchung@govst.edu</p> <p>MOBILE READINESS OF THE FORTUNE TOP 100 COMPANY'S WEBSITES Juyun Cho Colorado State University-Pueblo bigsmile0801@gmail.com Jongheon Kim Auburn University - Montgomery jkim23@aum.edu</p> <p>ENTERPRISE RESOURCE PLANNING VENDOR SELECTION: A CASE STUDY Ganesh Vaidyanathan Indiana University South Bend gvaidyan@iusb.edu Mark Fox Indiana University South Bend mfox1@iusb.edu</p>

4:00 – 4:30 p.m.	JCIS Editorial Board Meeting..... Salon 3
6:00 - 9:00 p.m.	Fun Night

FRIDAY, OCTOBER 6, 2017

8:00 a.m. - 4:00 p.m.	Registration	Foyer
7:00 - 8:30 a.m. 8:20 - 8:30 a.m.	Breakfast General Announcements	Juniper Juniper
12:20 - 2:20 p.m.	Business Luncheon & Awards	Juniper

Friday, October 6, 8:40 - 9:40 a.m.

Room: Salon 2 Session Chair: Alex Koohang	Room: Washington Session Chair: Janet Prichard
<p><i>Panel: Academic Publishing</i></p> <p>AUTHORING RESEARCH PAPERS FOR MAXIMUM IMPACT Taylor & Francis Group Stephanie Loeh Alexa Flood</p>	<p><i>What's in an App</i></p> <p>IMPROVING THE DESIGN OF MEDICATION SAFETY APPS: THE INFLUENCE OF VALUE-IN-EXPERIENCE ON PERCEIVED IMPACT Kalyani Ankem Northern Kentucky University ankemk1@nku.edu Vishal Uppala University of North Carolina at Greensboro v_uppala@uncg.edu Adam Durst Mercy Health AMDurst@mercy.com</p> <p>FACTORS INFLUENCING USER APPS PURCHASE: AN EMPIRICAL STUDY Hsiu-Li Liao Chung Yuan University hsiuliliao@cycu.edu.tw Su-Houn Liu Chung Yuan University vandy@cycu.edu.tw Chih-Chung Cheng Chung Yuan University chihchung@cycu.edu.tw</p> <p>AN ANALYSIS OF APP PRIVACY STATEMENTS Janet Prichard Bryant University prichard@bryant.edu Kevin Mentzer Bryant University kmentzer@bryant.edu</p>

Friday, October 6, 8:40 - 9:40 a.m.

Room: Rittenhouse

Session Chair: Karen Pullet

**Cybersecurity & Information Management
Security**

**COMMUNICATION IN
CYBERSECURITY: A PUBLIC
COMMUNICATION MODEL FOR
BUSINESS DATA BREACH INCIDENT
HANDLING**



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**IMPLEMENTING A SUCCESSFUL TRAIN-
THE-TRAINER PROGRAM IN MOBILE
FORENSICS AND SECURITY**

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Friday, October 6, 9:50 - 10:50 a.m.

Room: Washington

Session Chair: Gayle Jesse

Cybersecurity

CRYPTOCURRENCY FORENSICS

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WHAT IS THE STATE OF HIGHER EDUCATION CYBERSECURITY PROGRAM NEEDS WHILE FACING DIMISHED STATE APPROPRIATIONS?

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ONE UNIVERSITY'S APPROACH TO DEVELOPING A CYBERSECURITY DEGREE AND EARN NSA CAE-CD CERTIFICATION

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Room: Rittenhouse

Session Chair: Assion Lawson-Body

Ecommerce

FACTORS AFFECTING VIRTUAL GIFT ACCEPTANCE: MEDIATING ROLES OF HEDONIC AND UTILITARIAN VALUES

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EXAMINING THE CONSTRUCT VALIDITIES AND INFLUENCE OF AFFECTIVE RISK IN B2C E-COMMERCE

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FACTORS AFFECTING SOCIAL ECOMMERCE ADOPTION IN AN ARAB COUNTRY: FINDINGS FROM A QUALITATIVE STUDY

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Friday, October 6, 9:50 - 10:50 a.m.

Room: Salon 2

Session Chair: Philip Noah

***Cybersecurity Education, Cyber
Innovations, and IS Globalization***

**A CONSTRUCTIVE TEAM PROJECT
MODEL FOR ONLINE
CYBERSECURITY EDUCATION**



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**A SYSTEMATIC APPROACH TO THE
QUALITATIVE META-SYNTHESIS**

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**NATIONAL INFORMATION SYSTEM AS A
TOOL FOR INTERNATIONALISATION OF
HIGHER EDUCATION IN SLOVENIA**

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10:50 - 11:10 a.m.

Networking Break Foyer

Friday, October 6, 11:10 a.m. - 12:10 p.m.

Room: Washington Session Chair: John Scarpino	Room: Rittenhouse Session Chair: Anthony Rodi
<p><i>Curriculum & Technology Assessment</i></p> <p>THE FIRST OUTCOME RESULTS OF THE MID-POINT CURRICULUM ASSESSMENTS FOR COMPUTER PROGRAMMING AND INFORMATION TECHNOLOGY STUDENTS</p> <p>John Scarpino Pittsburgh Technical College scarpino.john@ptcollege.edu</p> <p>Wilfred Mutale Pittsburgh Technical College mutale.wilfred@ptcollege.edu</p> <p>Charles Eltringham Pittsburgh Technical College eltringham.charles@ptcollege.edu</p> <p>Philip Grabowski Pittsburgh Technical College grabowski.philip@ptcollege.edu</p> <p>Mel Tomeo Pittsburgh Technical College tomeo.mel@ptcollege.edu</p> <p>Theophilus Owusu Keiser University towusu@keiseruniversity.edu</p> <p>PERCEIVED USEFULNESS AND ATTITUDE TOWARD THE USE OF LIVETEXT ASSESSMENT SYSTEM</p> <p>Jose Noguera Southern University and A&M College jose_noguera@subr.edu</p> <p>George Kirk Southern University and A&M College george_kirk@subr.edu</p> <p>EFFECTIVENESS OF COURSE DELIVERY METHODS: A MULTI-UNIVERSITY STUDY</p> <p>Paul Kovacs Robert Morris University kovacs@rmu.edu</p> <p>Alan Peslak Penn State University arp14@psu.edu</p> <p>Lisa Kovalchick California University of Pennsylvania kovalchick@calu.edu</p> <p>Wenli Wang Robert Morris University wangw@rmu.edu</p> <p>Gary Davis Robert Morris University davis@rmu.edu</p>	<p><i>Innovating for Current & Future Learners</i></p> <p>"THE NEW LEARNER": THE INFLUENCE OF SHIFTING FORCES IMPACTING HIGHER EDUCATION</p> <p>Anthony Rodi University of Pittsburgh afrodi@katz.pitt.edu</p> <p>Michael Donohoe National Defense University mjddsc@gmail.com</p> <p>Gary Janchenko University of Pittsburgh</p> <p>MODIFIED MSLQ: AN ANALYSIS OF ACADEMIC MOTIVATION, SELF-REGULATED LEARNING STRATEGIES, AND SCHOLASTIC PERFORMANCE IN INFORMATION SYSTEMS COURSES</p> <p>Sheila Smith Ball State University smariesmith@bsu.edu</p> <p>Catherine Chen Ball State University cchen@bsu.edu</p> <p>MULTIPLE ITERATIONS OF MSLQ VALIDATION: A CONTEMPORARY ASSESSMENT</p> <p>Catherine Chen Ball State University cchen@bsu.edu</p> <p>Sheila Smith Ball State University smariesmith@bsu.edu</p>

The IACIS 2017 Conference Program is an official publication of the
INTERNATIONAL ASSOCIATION FOR COMPUTER INFORMATION SYSTEMS

Friday, October 6, 11:10 a.m. - 12:10 p.m.

Room: Salon 2

Session Chair: Claire Rankin

Social Media Analytics

IDENTIFYING TRENDING SENTIMENTS IN THE 2016 U.S. PRESIDENTIAL ELECTION: A CASE STUDY OF TWITTER ANALYTICS

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FROM MUSLIM TO MINDFULNESS: TWITTER RETWEETS BASED ON SENTIMENT AND LINGUISTIC ANALYSIS OF SELECTED CURRENT KEYWORDS

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SENTIMENT ANALYSIS OF TWITTER DATA FOR DEMONETIZATION IN INDIA: A TEXT MINING APPROACH

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12:20 – 2:20 p.m.

Business Luncheon & Award Presentations..... Juniper

Friday, October 6, 2:30 - 3:30 p.m.

Room: Washington

Session Chair: Peter Draus

Project Management, Database Development, and IT Models

INTEGRATED CONTROL MECHANISMS TOWARD PROJECT MANAGEMENT SUCCESS

Ganesh Vaidyanathan
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VARIETY SEEKING: CONCEPTUAL MODEL IN INFORMATION TECHNOLOGIES DOMAIN

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MEASURING INTERNET ADDICTION AND ITS' RELATIONSHIP TO STUDENT GRADE POINT AVERAGE IN UNDERGRADUATE ACADEMIC PERFORMANCE

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Room: Rittenhouse

Session Chair: Mysore Ramaswamy

Technology Innovations

LEVERAGING INFORMATION TECHNOLOGY TO CREATE SUSTAINABLE SUPPLY CHAINS

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ACCOUNTING STUDENTS' ACCEPTANCE OF E-BOOKS: AN APPLICATION OF UTAUT

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PROJECT-BASED LEARNING WITH SYSTEMS ANALYSIS AND DESIGN

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Friday, October 6, 2:30 - 3:30 p.m.

Room: Salon 2

Session Chair: G. Kent Webb

***Information Management, Data
Visualization, and Consumer Behavior***

**INFORMATION ACQUISITION AND
DECISION SUPPORT FOR SUBURBAN
DEER MANAGEMENT**

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**DATA VISUALIZATION: A CASE STUDY IN
RENEWABLE ENERGY**

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**CONSUMER AND PROVIDER: ROLES TO
UNDERSTAND CONTINUED USE BEHAVIOR
IN VIRTUAL COMMUNITIES**

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SATURDAY, OCTOBER 7, 2017

8:00 a.m. - 10:00 a.m.	Registration	Foyer
7:00 - 8:30 a.m.	Breakfast	Juniper
11:15 a.m. - 12:00 p.m.	Conference Debriefing	Salon 2

Saturday, October 7, 8:30 - 9:30 a.m.

Room: Washington Session Chair: Betty Kleen	Room: Rittenhouse Session Chair: Dalsang Chung
<p><i>Database Implementation, Big Data Education, and Student Recruitment</i></p> <p>TRIANGULATION APPROACH TO TEACH DATABASE APPLICATION PROGRAMMING Thomas Ngo-Ye Alabama State University tngoye@alasu.edu Jiin Wang Alabama State University jwang@alasu.edu</p> <p>A BEHAVIORAL ANALYTICS APPROACH TO FINDING STUDENT SURROGATES IN ONLINE CLASSES USING BIG DATA: A CASE STUDY AT ONE UNIVERSITY Aaron Glassman Embry-Riddle Aeronautical University aaron.glassman@erau.edu</p> <p>BINARY BATTLESHIP: AN ACTIVE-LEARNING ACTIVITY FOR RECRUITING STUDENTS IN COMPUTER-RELATED FIELDS Ronnie Fanguy Nicholls State University ronnie.fanguy@nicholls.edu Lori Soule Nicholls State University lori.soule@nicholls.edu Ray Giguette Nicholls State University ray.giguette@nicholls.edu Betty Kleen Nicholls State University betty.kleen@nicholls.edu</p>	<p><i>Social Media</i></p> <p>SOCIAL MEDIA USE IN HEALTH CARE: WILL IT BE EMBRACED BY MILLENIALS? Dalsang Chung dchung@govst.edu Sun Gi Chun Alabama State University sungichun@alasu.edu</p> <p>TIME-SPENT ONLINE AS A FACTOR IN USAGE AND AWARENESS OF DRAWBACKS IN SOCIAL MEDIA Joanna Paliszkievicz Warsaw University of Life Sciences joanna_paliszkiewicz@sggw.pl Magdalena Mądra - Sawicka Warsaw University of Life Sciences magdalena_madra@sggw.pl Tadeusz Filipiak Ilia State University tadeusz_filipiak@sggw.pl Salome Svanadze Ilia State University salome.svanadze.1@iliauni.edu.ge Mariam Jikia Georgian Technical University marijikia@gmail.com</p> <p>STRUCTURAL PROPERTIES OF ONLINE SOCIAL NETWORKS: A CRITICAL REVIEW Binshan Lin Louisiana State University in Shreveport binshan.lin@lsus.edu</p>

Saturday, October 7, 8:30 - 9:30 a.m.

Room: Salon 2

Session Chair: Donna L. Cellante

Web Design, Curriculum Re-Design, and Distance Education

BORING CLASSES, BORED STUDENTS: WHAT TO DO?

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THE PERCEPTIONS OF MIDDLE SCHOOL TEACHERS ABOUT THE INTEGRATION OF STEM+C: A FOCUSED-GROUP APPROACH

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THE TAXONOMY OF ESTIMATION IN SOFTWARE DEVELOPMENT PROJECTS

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9:30 - 9:50 a.m.

Networking Break Foyer

Saturday, October 7, 9:50 - 10:50 a.m.

Room: Washington

Session Chair: Barbara Jo White

CIS Classroom & Technology Applications

USER EXPERIENCE (UX) IN THE CIS CLASSROOM: BETTER INFORMATION ARCHITECTURE WITH INTERACTIVE PROTOTYPES AND UX TESTING

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IMPLEMENTING ELLIPTIC CURVE CRYPTOGRAPHY USING MICROSOFT EXCEL

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THE RASPBERRY PI AS AN INFORMATION TECHNOLOGY LEARNING PLATFORM: A CASE STUDY

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Rhonda Chicone

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Room: Rittenhouse

Session Chair: David Scibelli

Understanding Learners, Knowledge Management & Research

MINDFULNESS AND GENDER: A PILOT QUANTITATIVE STUDY

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THE SHAPING OF HUMANKIND: ETHICS AND CONTROLS IN CYBER INNOVATIONS

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IS CULTURAL INFLUENCE AND ATTRIBUTE FOR KNOWLEDGE MANAGEMENT AND DECISION MAKING?

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Saturday, October 7, 9:50 - 10:50 a.m.

Room: Salon 2

Session Chair: Jeffrey May

Skill Development, IS in Action & Technology

**ENHANCING REQUIREMENTS ELICITATION
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**EFFECTS OF HUMAN FERTILITY RATES ON
THE INFORMATION SYSTEMS INDUSTRY**

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**FIELD DEPENDENCE AND FACULTY'S
VIEWS OF DIFFERENT ONLINE
INSTRUCTIONAL TOOLS**

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11:15 – 12:00 p.m.

Conference Debriefing..... Salon 2

2017 IACIS EDITORIAL REVIEW BOARD MEMBERS

We would like to express our appreciation to the 2017 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.

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