

2004 International Conference on Informatics Education Research



December 10-12, 2004
Washington, D.C. USA

ICIER is sponsored by AIS SIGED: IAIM
the Education Special Interest Group of AIS
Visit our website at: www.IAIM.org

Program At a Glance

Friday December 10

Registration (1:00 pm – 6:30 pm)
Opening Reception (6:30 pm – 8:30 pm)
George Washington University Faculty Club

Saturday December 11

Coffee Breaks between each session in the Constitution Foyer are sponsored by the Management Science Department of George Washington University

Keynote Address
(9:00 am – 10:15 am)

Sessions 2A – 2C
(2:00 pm – 3:30 pm)

Sessions 1A – 1C
(10:30 am – 12:00 pm)

Sessions 3A – 3C
(3:45 pm – 5:15 pm)

Sunday December 12

Coffee Breaks between each session in the Constitution Foyer are sponsored by the Management Science Department of George Washington University

Sessions 4A – 4B
(9:00 am – 10:30 am)

Sessions 5A- 5B
(10:45 am - 12:15 pm)

Session 6 - Joint IAIM/ICIS
(1:30 pm – 2:30 pm)

International Conference on Informatics Education Research

December 10-12, 2004
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Saturday, December 11

Continental Breakfast (8:00 – 9:00) Constitution Foyer

Keynote Address (9:00 – 10:15)

(Constitution E)

Dr. Helen Soule¹, U.S. Department of Education.

Dr. Soule¹, formerly with the Mississippi State Department of Education, is Special Assistant for Technology, Office of Postsecondary Education, and works with e-government initiatives and teacher quality issues.

Sessions 1A-1C (10:30 - 12:00)

1A – Ethics Education (Constitution E)

Session Chair: Catherine Beise (Salisbury University)

“Applied Ethics in a Pluralistic Society: The Conundrum of Professional Ethics”

Robert L. Rariden (Illinois State University)

“An Innovative Proposal to Implement Ethics in the Information Systems Curriculum”

Camille F. Rogers (Georgia Southern University), Hyo-Joo Han (Georgia Southern University), Manouchehr Tabatabaei (Georgia Southern University)

“Grade Inflation: Is It a Problem?”

Thomas Schambach (Illinois State University)

1B – A Tale of Two Panels (Wilson)

Session Chair: Charlotte Stephens (Louisiana Tech University)

“Panel: Database Course in the CIS Curriculum: Still Important!”

Mary J. Granger (moderator) (George Washington University), Elizabeth S. Adams (James Madison University), Don Goelman (Villanova University), Catherine Ricardo (Iona College)

“Panel: Using the Results of the Center for Computing Education Research National IS Exit Assessment Exam”

William Burke (Salisbury University), John H. Reynolds (Grand Valley State University), Mary Sumner (Southern Illinois University at Edwardsville), Gary Ury (Northwest Missouri State University), Bruce White (Quinnipiac University)

1C – Skills I (Roosevelt)

Session Chair: Hirotohi Takeda (Georgia State University)

“Tech Skills in Ten U.S. Cities: A Longitudinal Study”

Marcy Courier (University of Tampa), Raymond Papp (University of Tampa), Christy Williams (University of Tampa)

“Natural Learning and Information Management Curriculum Design”

A.W. Abcouwer (University of Amsterdam), J.H.J.M. Truijens (University of Amsterdam)

“Building Bridges in Academia: A Case Study in Vital Skills For The New Millennium”

Lisa M. MacLean (Wentworth Institute of Technology)

Luncheon & Annual Meeting (12:00-2:00)

(Constitution D)

Sessions 2A-2C (2:00 – 3:30)

2A –Best Papers (Constitution E)

Session Chair: Tom Schambach (Illinois State University)

“Empowering Students to Manage Their Learning Outcomes: Examples from Client-based Projects in MIS Courses”

Katia Passerini (New Jersey Institute of Technology)

“The Role of Information Systems Class Projects in Developing Programming Skills”

Robert W. Stone (University of Idaho), Lori Baker-Eveleth (University of Idaho), Norman Pendegraft (University of Idaho)

“Assessing the Value of the Introductory Course”

John Dyer (Georgia Southern University), Thomas Case (Georgia Southern University), Ron MacKinnon (Georgia Southern University)

2B – Architectural (Wilson)

Session Chair: Annette Steenkamp (Lawrence Technological University)

“An Approach to Developing Information Technology Architectures”

Annette Lerine Steenkamp (Lawrence Technological University), Kamal Kakish (COBAM, Inc.)

“A Team Project On An Information Technology Application Architecture”

Annette Lerine Steenkamp (Lawrence Technological University),
Kamal Kakish (COBAM, Inc.), Michael Buchheidt (Lawrence Technological University), Zongjun Li (Lawrence Technological University),
Lila Rajabion (Lawrence Technological University), David Van (Lawrence Technological University)

“A Team Project on Information Technology Infrastructure Architecture”

Kamal Kakish (COBAM, Inc.), Annette Lerine Steenkamp (Lawrence Technological University), Abbott Basal (DaimlerChrysler Corporation),
Mike Dawwas (Blue Cross Blue Shield of Michigan), Damodar Konda (Lawrence Technological University), Refaat Shulaiba (Midwest Health Plan)

“A Team Project on the Data Architecture of an Enterprise Information Portal”

Annette Lerine Steenkamp (Lawrence Technological University),
Kamal Kakish (COBAM, Inc.), Don Warner (Lawrence Technological University), Gary Chen (Lawrence Technological University),
Ron Foster (Lawrence Technological University)

2C – Tech Courses (Roosevelt)

Session Chair: Carol Okolica (Dowling College)

“Course Assessment: Just How Tough is Programming in C/C++?”

Nannette Napier (Georgia State University), Roy Johnson (Georgia State University)

“Effectiveness of Using an Enterprise System (ES) Software in Business Curriculum”

Ravi Seethamraju (The University of Sydney)

“An Assessment of the Impact of Modeling Tool on Defect Identification”

Michael A. Eierman (University of Wisconsin Oshkosh), Bruce Hungerford (University of Wisconsin Oshkosh)

Sessions 3A-3D (3:45 – 5:15)

3A – Pedagogical Issues I (Constitution E)

Session Chair: Mike Cuellar (Georgia State University)

“Panel: Taking Advantage of the IS 2002 Assessment Exam Capabilities Offered by the Center for Computing Education Research”

John H. Reynolds (Grand Valley State University), Jeffrey P. Landry (University of South Alabama), Herbert E. Longenecker, Jr. (University of South Alabama),
J. Harold Pardue (University of South Alabama)

“Collective Efficacy and Team Performance in an Integrated Business Information Systems Simulation Exercise”

Kathie Wright (Salisbury University), Catherine Beise (Salisbury University)

3B – Undergraduate Issues (Wilson)

Session Chair: Camille Rogers (Georgia Southern University)

“The Strategic Use of e-Learning (SUEL): New Angles on the Traditional e-Learning”

Hyunju Lee (Ewha Womans University, Seoul, Korea), Hyogun Kym (Ewha Womans University, Seoul, Korea)

“Review and Development of an Undergraduate Course in Information Systems”

Pamela Gibbons (Australian Catholic University), Jan Seruga (Australian Catholic University)

“Information Systems Projects and Students’ Perceptions of Job Preparedness”

Robert W. Stone (University of Idaho), Lori Baker-Eveleth (University of Idaho), Norman Pendegraft (University of Idaho)

3C – Panels & Tutorials (Roosevelt)

Session Chair: Mary Granger (George Washington University)

“Panel: Assessment using Course Objectives: Accreditation Issues & Challenges”

Raymond Papp (Moderator, University of Tampa), Russell Baker (Jacksonville University), Mary Brabston (University of Manitoba),
Tom Case (Georgia Southern University), Marianne D’Onofrio (Central Connecticut State University), James Novitski (Johns Hopkins University)

“Using Information Technology in Education”

Geoffrey N Dick (University of New South Wales)

Sunday, December 12
Sessions 4A-4B (9:00 – 10:30)

4A – Distance Education (Wilson)

Session Chair: Tom Case (Georgia Southern University)

“Developing a Framework for Evaluating the Effectiveness of E-learning in Organisations”

Sarah Dunstan (University of New South Wales), Geoffrey Dick (University of New South Wales)

“Assessing Students in Internet Courses: Faculty Concerns about Online Cheating”

Camille F. Rogers (Georgia Southern University), Manouchehr Tabatabaei (Georgia Southern University), Hyo-Joo Han (Georgia Southern University)

“IAIM 1986 – 2003: A Profile of Conferences”

Betty A. Kleen (Nicholls State University), Lynn R. Heinrichs (Elon University)

4B – Pedagogical Issues II (Roosevelt)

Session Chair: James Buffington (Indiana State University)

“Student Team Behavior: Cooperate or Collaborate?”

Stephen M. Du (Georgia State University), Roy D. Johnson (Georgia State University)

“Revising Instructional Strategies in Systems Analysis and Design”

Ken Trimmer (Idaho State University), Kevin R. Parker (Idaho State University)

“The Offshore Outsourcing Market: The Impact of Client’s Expectations and Supplier’s Beliefs on the IS Curriculum”

Dr. Macedonio Alanis (ITESM), Artemio Mendoza (ITESM), David Alanis (ITESM)

Sessions 5A-5B (10:45 – 12:15)

5A – Ed Tech (Wilson)

Session Chair: Betty Kleen (Nicholls State University)

“ASP Compared to Computational Programming”

Norman Brenner (The George Washington University)

“Student experience of Laptop use in undergraduate business education: A longitudinal study of mobile ICT’s in action”

Lorraine Fisher (University College Dublin), Martin Butler (University College Dublin), Peter Keenan (University College Dublin)

“Use of CASE Tools in the Classroom: An Exploratory Study”

Subhashish Dasgupta (George Washington University), Maliha Haddad (George Washington University), Peter Weiss (George Washington University)

5B – Skills II (Roosevelt)

Session Chair: Lily Chen (Georgia State University)

**“Competency-Based Mapping and Model Curricula:
Guidelines for MIS Program Development”**

Mary Elizabeth Brabston (The University of Manitoba)

“A Curriculum for the 21st Century Cyber Warrior”

Kevin Lee Elder (Air Force Institute of Technology), Summer Bartczak (Air Force Institute of Technology), Dave Bouvin (Air Force Institute of Technology), Alan Heminger (Air Force Institute of Technology)

“Overwhelmed by E-Mail: Distance Education”

Mary J. Granger (George Washington University), Theodore H. Rosen (George Washington University)

Session 6 (1:30 – 2:30)

6 – Joint IAIM/ICIS Curriculum Presentation (Wilson)

“Changes to MSIS 2000”

John T. Gorgone (Bentley College)

This presentation outlines the proposed MSIS 2006 curriculum and the rationale behind it. The committee held three public meetings to date, one each at AMCIS 2003, ICIS 2003, and AMCIS 2004 to hear about your experiences, successes, failures, and suggested improvements for the MSIS Graduate Curriculum. We have listened to the IS community and have made modifications to the curriculum. The committee has prepared a rough draft of the MSIS 2006 Graduate Curriculum model for review and feedback to the proposed changes. The purpose of this fourth meeting is to present the proposed draft changes for your review and comment. The new curriculum recognizes that the existing curriculum is restrictive as the scope of the IS field grows broader. We need the feedback now in order to prepare a “strawman” draft by the beginning of 2005, a “steelman” draft for August 2005 and a publication target of January 2006.

Join us for ICIER 2005 in Las Vegas, Nevada & ICIER 2006 in London, England!
Visit our website at www.IAIM.org for more information