# The Journal of Issues in Informing Science and Information Technology
## Volume 9, 2012

### Table of Contents

#### Business/Commerce/Organizational Issues

**Strengthening the Online Auction Culture of the Philippines**

- Martiniano Jake Neri, Capitol University, Philippines
- Arnel Bangis, Capitol University, Philippines
- Theresa Budlong, Capitol University, Philippines
- Jade Clado, Capitol University, Philippines
- Irish Christine Ebot, Capitol University, Philippines
- Analy Fransisco, Capitol University, Philippines
- Minstrel Ignacio, Capitol University, Philippines

---

#### Collaborative Work / Working Together / Teams

**The Impact of Peer Assessment and Feedback Strategy in Learning Computer Programming in Higher Education**

- Wing Shui NG, The Hong Kong Institute of Education, Hong Kong

---

#### Curriculum Issues

**Measuring up to ICT Teaching and Learning Standards**

- Anne Venables, Victoria University, Australia
- Grace Tan, Victoria University, Australia

**Systemic Approach to e-Skilling in South Africa**

- Zoran Mitrovic, University of the Western Cape, South Africa
- Mymoena Sharif, e-Skills Institute, South Africa
- Wallace Taylor, The Information Society Institute, South Africa
- Harold Wesso, e-Skills Institute, South Africa

**Teaching Undergraduate Software Engineering Using Open Source Development Tools**

- Scott Teel, US Air Force Academy, United States
- Dino Schweitzer, US Air Force Academy, United States
- Stephen Fulton, US Air Force Academy, United States

**Evaluation of a Team Project Based Learning Module for Developing Employability Skills**

- Janice Whatley, University of Salford, United Kingdom

**Curriculum Construction and Custom Publishing – An Academic Perspective**

- Joan Richardson, RMIT University, School of Business Information Technology and Logistics, Australia
- Ross Smith, RMIT University, School of Business Information Technology and Logistics, Australia
- Audra Lukaitis, RMIT University, School of Business Information Technology and Logistics, Australia
- Ryan O’Hare, Pearson Education, Australia

**The Need for Qualitative Methods in Undergraduate IS Education**

- Albert Tay, Neumann University, United States

**Cross-Platform Mobile App Software Development in the Curriculum**

- Kyle Lutes, Purdue University, United States
Data, Information, Knowledge Management

Aleš Popovič, University of Ljubljana - Faculty of Economics, Slovenia
Andrea Habjan, Cardiff University - Cardiff Business School, United Kingdom

Information Technology for Education

Distributed Collaborative Learning in Online LIS Education: A Curricular Analysis ........ 135-147
Geoffrey Liu, San Jose State University, United States

The Potential of E-Learning in Assisting Post-Crisis Countries in Re-Building
Their Higher Education Systems: The Case of Libya ..................................................... 149-160
Amal Rhema, Victoria University, Australia
Iwona Miliszewska, Victoria University, Australia

An Innovative Marketing Strategy to Promote our College of IT:
Zayed University Case Study ......................................................................................... 161-175
Manar Abu Talib, Zayed University, United Arab Emirates
May El Barachi, Zayed University, United Arab Emirates
Olga Ormandjieva, Concordia University, Canada

Issues in Informing Clients

Twitter as a Platform for an Israeli Community of Information Science Professionals........ 177-186
Ina Blau, Open University of Israel, Israel
Tami Neuthal, Open University of Israel, Israel

A Comparison Study of Impact Factor in Web of Science and Scopus Databases for
Engineering Education and Educational Technology Journals........................................ 187-194
Pao-Nan Chou, Department of Education, National University of Tainan, Taiwan

Student Attitudes Towards E-Learning: The First Year Accounting Experience .......... 195-207
Lily Wong, Victoria University, Australia

The Evolution of Digital Technologies – from Collaboration to eCollaboration –
and the Tools which assist eCollaboration..................................................................... 209-219
Michael Jones, University of Wollongong, Australia

Contents and Architecture of Nigerian Universities’ Websites ...................................... 385-397
Samuel Chiedu Utulu, University of Cape Town, South Africa
Omolara Bolarinwa, College of Medicine, University of Lagos, Nigeria

Knowledge/Learning Objects

Addressing Knowledge Support Services as Part of a Living Lab Environment............. 221-241
Albertus Buitendag, Tshwane University of Technology, South Africa
Jacobus van der Walt, Tshwane University of Technology, South Africa
Tumelo Malebane, Tshwane University of Technology, South Africa
Lizette de Jager, Tshwane University of Technology, South Africa

Learners’ Characteristics

Facilitating Linguistic Integration of Immigrants: An Overview of ICT Tools.................. 243-251
Simon Collin, University of Quebec in Montreal, Canada
Thierry Karsenti, University of Montreal, Canada

Misinformation, Disinformation, & Bias

Market Segmentation based on Risk of Misinforming Reduction.................................... 253-265
Dimitar Christozov, American University in Bulgaria, Bulgaria
Stefanka Chukova, Victoria University at Wellington, New Zealand
Plamen Mateev, Sofia University "St. Kliment Ohridski", Bulgaria
Thinking in the Digital Era: A Revised Model for Digital Literacy
Yoram Eshet, The Open University of Israel, Israel

Building a Regional Structure of an Information Society on the Basis of e-Administration
Ewa Ziemba, University of Economics in Katowice, Poland
Celina Olszak, University of Economics in Katowice, Poland

Modeling, Training, and Mentoring Teacher Candidates to Use SMART Board Technology
James Oigara, Canisius College, United States
Nancy Wallace, Canisius College, United States

Software Engineering Frameworks: Perceptions of Second-Semester Students
Kirby McMaster, Fort Lewis College, United States
Samuel Sambasivam, Azusa Pacific University, United States
Steven Hadfield, U.S. Air Force Academy, United States
Stuart Wolthuis, Brigham Young University-Hawaii, United States

Guide to ISO 27001: UAE Case Study
Manar Abu Talib, Zayed University, United Arab Emirates
May El Barachi, Zayed University, United Arab Emirates
Adel Khelif, Al Hosn University, United Arab Emirates
Olga Ormandjieva, Concordia University, Canada

A Research Study for the Development of a SOA Middleware Prototype that used Web Services to Bridge the LMS to LOR Data Movement Interoperability Gap for Education
Robert Mason, Regis University, United States
Timothy Ellis, Nova Southeastern University, United States

Double-Buffer Traffic Shaper Modelling for Multimedia Applications in Slow Speed Network
Folake Olayiwola, Obafemi Awolowo University, Ile-Ife, Nigeria
Damilola Oyewo, Obafemi Awolowo University, Ile-Ife, Nigeria
Ayodeji Oluwatope, Obafemi Awolowo University, Ile-Ife, Nigeria
Adesola Aderounmu, Obafemi Awolowo University, Ile-Ife, Nigeria
Rotimi Adagunodo, Obafemi Awolowo University, Ile-Ife, Nigeria

Routing Security in Mobile Ad-hoc Networks
Jonny Karlsson, Arcada University of Applied Sciences, Finland
Laurence S. Dooley, The Open University, United Kingdom
Göran Pulkkis, Arcada University of Applied Sciences, Finland

A Framework for Using Cost-Benefit Analysis in Making the Case for Software Upgrade
Azad Ali, Indiana University of Pennsylvania, USA