

Highlights of Research and Academic Work of

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Below is a summary of my recent academic and professional activities based on my CV.

Summary of my academic activity

-Courses taught: *At undergraduate level since 1987 at ECSU (since 2002), Montclair SU(2002), University of Natal (1991-2001,) and University of Zimbabwe(1987-1991):* Systems Analysis and Design, Database Management, E-Structure and security, Seminar on IS and Business Strategies (capstone course, including since 2008 IT Storage Infrastructure Technologies and Strategy), Business Information Systems and Web Technologies, Information Management, Holistic Crisis Management, Software Engineering, Business Process Reengineering and ERP, Decision Support Systems, Research Methodology; *At masters level:* (Systems Approaches to Management), Decision making and systemic problem solving, Management Information Systems; Soft Systems Methodology; Critical Systems Thinking.

-Student evaluations: Past student evaluations have shown consistently good student satisfaction on most of the questions.

-Curriculum work: developed at ECSU minors in BIS management and in Social Informatics, a Certificate in BIS and a BIS Management concentration within the BGS program. I have developed courses on Healthcare Informatics, on Social Informatics, on Crisis Management, revised the introductory IS course on Information management to include critical thinking concepts in it and revised the capstone course on IS Strategy to include concepts on IT Storage Infrastructure (SAN, NAS etc.) management, developed at the University of Natal a new Honors program in IT.

- Multimedia teaching tools development: A unified set of multimedia materials for non-traditional students were introduced in 2005 by me for the core BIS subjects in addition to the use of WebCT. I co-developed the CD for BUS205, helped in BIS361 and developed alone video lectures and other materials for BIS370.

- Postgraduate research supervision or examination: (after 2002): *I co-supervised two masters dissertations at ECSU and was external examiner to 2 Masters and 3 PhD dissertations at other universities in South Africa and Sweden, besides I was on the doctoral committees of two PhD dissertations in the USA and Brazil; (prior to 2002) Supervised to a completion 22 Masters level theses by research and two PhD dissertations by research at the University of Natal and the Durban Institute of Technology in Information Systems, Information Technology, Management, Environment and Development, Systems Thinking; External examiner of 12 M.Sc and four PhD dissertations in South Africa.*

Creative work and service to the profession

-Summary of Publications: I have over 110 refereed publications as follows: 31 refereed journal articles, 15 refereed papers in edited books, 8 editorial articles and book reviews, 50 refereed papers in conference proceedings, 8 refereed papers in corporate journals or magazines; plus more than 40 non-refereed international conference papers, 57 non-refereed regional or national paper presentations or posters and 10 technical reports.

-Membership of professional societies and service: Association for Information Systems, IEEE Computer Society, Association of Information Technology Professionals, International Society for Multi-Criteria Decision Making, International Working Group on Operations Research and Complex Societal Problems;

The Southern African Institute for Management Scientists (1992-2001) ,SA Institute of Computer Scientists and Information Technologists (1994-2001).

-Journal Editorial work (besides being a reviewer for a number of journals listed in the CV)

- Deputy Editor (USA) of Systems Research and Behavioral Science, the Journal of the International Federation for Systems Research, published by J.Wiley, Chichester-New York, since December 2007, Member of the Editorial Board since 1994.
- Senior Area editor for Software Engineering, Information Systems and the Systems Approach, International Journal of Information Technologies and the Systems Approach, IGI Global, since 2007-
- Co-Editor in Chief of The International Journal on Computers, Systems and Signals (IJCSS), Publisher: The International Association for the Advancement of Methods for System Analysis and Design – IAAMSAD (2004-to date).
- Member of the Editorial Board of International Journal of Decision Support System Technology, IGI Global
- Member of the Editorial Board of Scientific Inquiry Journal, a journal by the IIGSS, Editor Jeffrey Yi-Lin Forrest, Slippery Rock University (2006-).
- Member of the Editorial Board 2006/2008 of Information Systems Education Journal, EDSIG AITP
- Guest Co-editor of: of a 2007 special issue on Information Systems and Systems Thinking of the Information Resources Management Journal (Idea Group), a special issue of IJCSS (2003), a special issue of the Intl Journal on Nonlinear Analysis in Engineering Systems (Kazan, 2005), a special section on IS and systems thinking for the Scientific Inquiry Journal (2008)

Program Committee Member or other research-related organizational activities

- 2008 Intl Conference on Information Resources Management (Conf-IRM), May, Canada.
- 2008 Intl Digital Government Research Conference, May, Montreal, Canada.
- Track chair (Systems Thinking/Systems Practice), ISOneWorld 2007 Conference. Las Vegas
- Organizing committee for the 2007 Intl Systems Conference of IIGSS, Wuhan, China.
- Intl Digital Government Research Conference, Philadelphia, May, 2007
- Member of the program committee and chair of a session, ISECON2006 conference, Dallas.
- Co-Chair of the Doctoral Symposiums, ISOneWorld Conf.,Inf. Institute, Las Vegas, 2005, 2004.
- Organized two sessions on Complex Societal Problems, track on MS/OR, DSI 2004 in Boston.
- 2004 and 2003 Co- Organized a mini-track for AMCIS 2003 and AMCIS 2004.
- 2001 Australo-Asian Information Systems conference.
- 1999 Intl Symp.on the Analytic Hierarchy Process, Kobe, Japan
- 1999 Intl. conference on Information Systems, Charlotte, USA. (For other conferences see CV).

Service to the University

- Member of the 2004-2008 Student Research Excellence Expo School Committee
- Member of the University Assessment Committee 04.2006 -12.2008.
- Member of the University Senate Faculty Development Committee 10.2006-12.2008
- Member of the LAC committee on Critical Thinking across the curriculum 2006, 2007
- Chair University Honorary Degree committee since 09.2004 till 05.2007. Other work listed in CV.

Awards and honors

- 1977 First prize in the student research competition, Technical University Brno, Czech Republic
- 1995 Included in the 12th edition of Marquis' Who Is Who in the World, 1995.
- 1996-1998 - Vice president of the South African Institute of Computer Scientists and Information Technologists
- 2008 Invited and included in Strathmore's Who's Who Worldwide, <http://www.strathmore-ltd.com/>