

**SHORT CV of Doncho Petkov, Ph.D.
Professor in Information Systems**

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RESEARCH AND TEACHING INTERESTS

Software Engineering, Storage technologies, Systems research, IT Strategy, Decision Making, Technology Management, Decision Support Technology, Artificial Intelligence, Healthcare Informatics, Systems Analysis, Systems Engineering, Control Systems. Telecommunications, Database Systems, IT and computer literacy, Research Methodology, Assessment of student learning, Online teaching..

EDUCATION

Doctor of Philosophy (Management and MIS), January 1986; University of National and World Economy, Sofia
M.Sc (Technical Cybernetics, Control Systems), 1978; Technical University of Brno, Czechoslovakia

WORK EXPERIENCE

Since 08.2002 – Dept Business Administration, School of Education and Professional Studies, ECSU, Full Professor (since 08.2007), Tenured (since 08.2006), Coordinator BIS program(01/2004 -), Associate Professor (2002-2007).
1.2002- 6.2002 Montclair State University, School of Business, Visiting Associate Professor in MIS
03.1991-.01.2002 University of Natal (a PhD granting institution ranked 3-5 within South Africa, now part of the University of Kwa Zulu Natal), Pietermaritzburg campus, Full Professor and Chair in MIS 10.1997-01.2002; Senior Lecturer, 1993-1997; Lecturer – 1991-1993 (since 01.2004 renamed to University of Kwa Zulu Natal).
03.1987-02.1991 University of Zimbabwe, Bulawayo branch, Zimbabwe.
06.1978-02.1987 Center for Transport Cybernetics, Bulgaria: systems analyst (till 1983); research fellow (83-1987)

CURRICULUM DEVELOPMENT-MORE RECENT

2010: Initiated and lead the development of a new minor and certificate in Healthcare Informatics (first in CT).
2008: Revised the capstone course to focus on IT storage infrastructure incorporating materials from the academic alliance initiated by me between ECSU and EMC Corporation.
2008: Developed a first year program course on Holistic Crisis Management introducing systems thinking and the principles of crisis prevention and management.
2007:Co-developed a new introductory course on Information Management and Restructured the BIS major.
2006: Developed (with J Schaller and A. Citurs) a revision of the BIS Management Minor;
2005: Developed a new Minor in Social Informatics and a course BIS364, Introduction to Social Informatics.
2005: Developed in cooperation with the School of Cont. Education a BIS Management concentration in the BGS
2004: Developed in cooperation with Prof J. St.Onge a Minor Program in BIS Management at ECSU.
2004: Developed in cooperation with Prof J St.Onge a new course BIS462 Seminar in Health Care Informatics
2004: Developed a Certificate in BIS.

POSTGRADUATE RESEARCH SUPERVISION

-Member of aPhD dissertation committee at the Lawrence Institute of Technology (Michigan) in the area of IT Project Management at the corporate level ,2006.
- Member of the PhD dissertation committee in Software Engineering, at the School of Management of the Federal University of Rio Grande do Sul, Porto Alegre , Brazil, 2006.
-Currently co-supervisor (pro bono) of 3 Doctoral and 3 Masters projects at the IT dept of DUT Durban, S. Africa.
-Supervised 22MSc theses (of which 15 by research only and 7 for programs by research and coursework) and two PhD dissertations by research at the University of Natal, UNISA, the Durban University of Technology and ECSU in Information Systems, Information Technology, Management, Environment and Development, Systems Thinking.

External examiner to postgraduate research masters dissertations or PhD dissertations

External examiner of 15 M.Sc and 8 PhD dissertations at Potchefstroom Univ. for CHE, University of Cape Town, Durban University of Technology, CPUT and UNISA, South Africa and Lindkoping University, Sweden.

CREATIVE ACTIVITY: over 110 refereed publications and over 100 non-refereed papers – please see my web site <http://nutmeg.easternct.edu/~petkovd/> for the 2010 list. A sample of 7 more recent journal publications since 2007 is below:

- Petkov D. and Petkova O. On Design Science, MCDM and IT Outsourcing Decisions, *Journal of Information Systems Applied Research (JISAR)*, Vol.3, No. 20, 2010.
- Petkov, D, Petkova O, Andrew T, Nepal T, On the process of combining soft systems methodologies and other approaches in systemic interventions, *Journal of Organizational Transformation and Social Change* (Intellect Books, UK), 5(3), 291-303. 2008.
- Petkov, D., Edgar-Nevill, D., Madachy, R. and O'Connor, R., 2008. Information systems, software engineering and systems thinking – challenges and opportunities, *International Journal on Information Technologies and the Systems Approach*, (IGI Global) 2008, 1 (1), 62-78.
- Petkov D and Petkova O. 2008. The Work System Model As A Tool For Understanding The Problem In An Introductory IS Project, *Information Systems Education Journal*, Vol. 6 (21) .
- Sewchurran, S., Petkov D , 2007, A Systemic Framework for Business Process Modeling Combining Soft Systems Methodology and UML , *Information Resources Management Journal*, 20(3), 46-62, July-September 2007.
- Petkov, D. , Petkova, O., Andrew T. and Nepal T. , 2007. Mixing Multiple Criteria Decision Making with Soft Systems Thinking Techniques for Decision Support in Complex Situations, *Decision Support Systems* (Elsevier Science Publishers), Vol. 43 (2007), 1615-1629.

SERVICE TO THE UNIVERSITY

At School and departmental level

-Member of the 2004-2011 Student Research Excellence Expo School Committee

At ECSU level

- Member of the Information Technology university committee – 2009-
- Member of the Academic Program Review Committee – fall 2010
- 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 student leadership honor society selection committee 2005
- Member of LAC committees on Critical Thinking across the curriculum 2006, on Information Literacy 2005-6.
- Member of Earth Day committee – 2006-7
- Chair University Honorary Degree committee since 09.2004 till 05.2007
- Member of the University committee for preparation of the Fifth Year Accreditation Report to the New England Association of School and Colleges (NEASC), 2004-2005.

At the level of CSU

- 2004-2008 – Member of the CSU Academic Computing Conference Committee.
- 2011- Member of the CSU Research Conference Committee

GRANTS At ECSU:

- 2005-2006: CSU grant on assessment in the capstone course in BIS.
- 2004-2005: CSU grant on using rubrics for assessment in BIS projects
- 2009-2010: Faculty development grant to present/chair a panel at ECIS 2010.

MEMBERSHIP OF PROFESSIONAL SOCIETIES/SERVICE: AIS, IEEE Comp. Society, AITP, IS MCDM.

SERVICE TO THE PROFESSION AND EDITORIAL WORK:

Deputy Editor (USA) of *Systems Research and Behavioral Science* (Wiley);

Member of the Editorial Board s or Program Committee Member (listed only for last 3 years) :

- *Int. Journal of Inf. Technologies and the Systems Approach*, IGI Global (previous Senior Area editor for Software Engineering, during 9.2007-.9.2009);
 - *International Journal of Decision Support System Technology*, IGI Global (2008-),
 - *Scientific Inquiry Journal* (2007-),
 - *Information Systems Education Journal (ISEDJ)* (2007-2009).
 - Former Co-Editor in Chief of *IJCSS* (2004-2009)
- Member of the program committee, 2008 Intl Conference on Information Resources Management (Conf-IRM), May, Canada.
- Member of the program committee, 2007-2011 Intl Digital Government Research Conference.