

Academic Personnel Short Profile / Short CV

University:	University of Nicosia
Surname:	Gregoriou
Name:	George
Rank:	Associate Professor
Faculty:	Sciences & Engineering
Department:	Engineering
Scientific Domain:	Electrical Engineering

Academic Qualifications

Qualification	Year	Awarding Institution	Department	Thesis title
PhD in Electrical Engineering	1992	Drexel University	Electrical & Computer Engineering	Unsupervised Segmentation of Noisy and Textured Images by using Markov Random Fields
MSc in Electrical Engineering	1988	Drexel University	Electrical & Computer Engineering	Correction of TV Camera Distortions using Digital Techniques
BSc in Electrical Engineering	1986	University of South Alabama	Electrical & Computer Engineering	Design and Testing of a Milli-Ohmmeter
HTI Diploma in Electrical Engineering	1982	Higher Technical Institute		Microprocessor-Based Monitoring of KVA Demand

Employment History

Period of employment		Employer	Location	Position
From	To			
September 2007	now	University of Nicosia	Nicosia, Cyprus	Associate Professor

January 1996	August 2007	Intercollege	Nicosia, Cyprus	Associate Professor
July 1993	November 1995	University of North Carolina	Chapel Hill, North Carolina	Post-Doc Research Associate
September 1992	June 1993	Drexel University	Philadelphia, Pennsylvania	Research Assistant Professor

Key refereed journal papers, monographs, books, conference publications etc						
Ref. Number	Year	Title	Other authors	Journal and Publisher /Conference	Vol.	Pages
1	2012	On the Design, Installation, and Evaluation of a Radio Frequency Identification System for Healthcare Applications	A.C. Polycarpou, A. Bletsas, A. Dimitriou, P.C. Polycarpou, L. Papaloizou, G. Gregoriou, J.N. Sahalos	IEEE Magazine on Antennas & Propagation	54(4)	255-271
2	2010	Design and implementation of a Radio Frequency IDentification (RFID) system for healthcare applications	Polycarpou, A.C., Gregoriou, G., Dimitriou, A., Bletsas, A., Sahalos, I.N., Papaloizou, L., Polycarpou, P.	IFMBE Proceeding	29	897-900
3	2007	Viability of mobile devices integration in higher education: Faculty perceptions and perspective	Ktoridou, D., Gregoriou, G., Eteokleous, N.	Proceedings of the 2007 International Conference on Next Generation Mobile Applications, Services and Technologies (NGMAST)	1	57-62
4	2002	A study of the effect of reconstruction parameters on defect detection in fan-beam SPECT	G.K. Gregoriou	Proceedings of the SPIE's International Conference on Medical Imaging	4684	834-840
5	2000	An observer performance study of the effect of using the body contour in reconstructing cardiac SPECT images from truncated projection data	G.K. Gregoriou	Proceedings of the Seventh IEEE International Conference on Electronics, Circuits, and Systems	2	848-852
6	1998	Effect of truncated projections on defect detection in	G.K. Gregoriou, B.M.W. Tsui, G.T. Gulberg	Journal of Nuclear Medicine	39(1)	166-175

		attenuation-compensated fan-beam cardiac SPECT				
7	1995	Evaluation of the effect of reconstructed image pixel size on defect detectability in Tl-201 SPECT by an observer performance study	G.K. Gregoriou, B.M.W. Tsui, G.T. Gullberg	IEEE Transactions on Nuclear Science	42(4)	1267-1275
8	1994	Quantitative cardiac SPECT reconstruction with reduced image degradation due to patient anatomy	B.M.W. Tsui, X.D. Zhao, G.K. Gregoriou, D.S. Lalush, E.C. Frey, R.E. Johnston, W.H. McCartney	IEEE Transactions on Nuclear Science	41(6)	2838-2844
9	1994	Evaluation of corrective reconstruction methods using a 3D cardiac-torso phantom and bulls-eye's plots	X.D. Zhao, B.M.W. Tsui, G.K. Gregoriou, J. Li, D.S. Lalush, R.L. Eisner	IEEE Transactions on Nuclear Science	41(6)	2831-2837
10	1993	Adaptive segmentation of images of objects with smooth surfaces	G.K. Gregoriou, A. Waks, O.J. Tretiak	Proceedings of the IEEE Computer Society Conference on Computer Vision and Pattern Recognition	1	772-773

Research Projects				
Ref. Number	Date	Title	Funded by	Project Role
1	01/12/08-30/11/10	Radio Frequency Identification (RFID) for Healthcare Applications	Cyprus Research Promotion Foundation	Partner
2	01/07/92-30/06/96	Development of an Emission-Transmission CT System	National Institutes of Health	Research Associate
3	01/07/91-30/06/94	Improved Heart Imaging Using SPECT with Convergent Hole Collimators Medical Imaging	National Institutes of Health	Research Associate
4	01/12/89-31/07/95	Evaluation of Corrective Image Reconstruction Methods in SPECT	National Institutes of Health	Research Associate
5	01/07/87-30/06/92	Automatic Delineation of Regions of Interest in Rat Brain Auto-radiograms	National Institutes of Health	Research Assistant

Consulting Services and/or Participation in Councils / Boards/ Editorial Committees				
Ref. Number	Period	Organization	Title of Position or Service	Key Activities
1	2005-2017 (every 2 years)	International Symposium on Image and Signal Processing and Analysis (ISPA)	Program Committee	Review of submitted articles
2	2007	International Symposium on Information Technology Convergence, Jeonju, Republic of Korea	International Program Committee	Review of submitted articles
3	2004-2006	Ministry of Commerce, Industry and Tourism	Evaluator	Evaluator of six proposals submitted for funding by incubators
4	2001-2003 (annually)	International Conference on Electronics, Circuits, and Systems	Program Committee	Review of submitted articles
5	1998-2007	Research and Development Center at Intercollege	Consultant	Serving as Consultant in Quality Assurance (ISO-9000) for the Consulting Services Group of the Center

Awards / International Recognition			
Ref. Number	Date	Title	Awarded by
1	2012	IEEE Senior Member	Institute of Electrical and Electronics Engineers
2	1991	Leadership Award	Dean of International Students, Drexel University
3	1984-1988	National Dean's List, President's List, Academic Dean's List: several semesters during my undergraduate studies	University of S. Alabama
4	1988-1992	Drexel University Research Assistantship	Drexel University
5	1986-1988	Drexel University Graduate Assistantship	Drexel University
6	1985-1986	AMIDEAST Partial Scholarship	Fulbright Program

Other Achievements			
Ref. Number	Date	Title	Key Activities

1	2014	Message of Hope (Μήνυμα Ελπίδας): a coalition of six candidates from across the political spectrum (included Dr Stelios Platis - Economist, Prof Marios Evryviades - Political Scientist, Dr Yiangos Michelides - Psychiatrist, Dr Vassilis Christodoulou - Psychologist, and Ms Nataly Ioannou - Computer Scientist.	With only a 32-day campaign and without much funding we received 3.88% of the vote in the May 2014 European Parliamentary Elections.
2	Since Sept 2013	Member of the Citizens in Front (Πολίτες Μπροστά)	Active citizens group lobbying for transparency, improved justice, horizontal voting, and other important issues.
3	2011	General Secretary and MP candidate, Cyprus Progressive Coalition (Κυπριακή Προοδευτική Συνεργασία, ΚΥ.ΠΡΟ.Σ.)	Established a new party and run for election in the May 2011 Parliamentary Elections