

Christos D. Melas

(Birthdate: July 1, 1959)

Current position:

Since 1987, I am serving as an *Assistant Professor of Medical Informatics* at the Nursing Department at the Hellenic Mediterranean University (HMU) [ex Technological Educational Institute of Crete: TEI of Crete].

Academic degrees:

Bachelor's degree in "**Mathematics**" (National and Kapodistrian University of Athens, 1984), an **MSc** Degree in **Computer Science** (Dundee University, U.K. 1985) and a **PhD** Degree (thesis "Factors of acceptance of Information Systems by medical personnel: *Prospects for the application of Evidence Based Medicine*", Department of Production and Management Engineering, Technical University of Crete, 2011).

Academic experience:

I teach at undergraduate level courses included in the syllabus of Nursing Department (HMU) such as "Introduction in Health Informatics", "Integrated Health Information Systems", "Databases and Medical Records", "Spreadsheet applications in Nursing", In addition, I give lectures in specific areas of Information Systems and Management courses in two different MSc Programs (Public Health & Health Services Administration, University of Crete, as well as at the Nursing Department, Hellenic Mediterranean University). Finally, since 2012 I teach the course Business and Organizations Management as Collaborating Academic Staff, Hellenic Open University.

Occupational experience:

During my national service I worked as **computer scientist** at the Foundation for Research & Technology – Hellas developing software for the Management Information System of the Hellenic National Defense General Staff (29/5/85-4/9/87). I have worked as a **freelance consultant** in Tourism, Banking, Industrial & Health enterprises (1987-1995). From January of 2005 until August

2009, I was **Chief Executive Officer** of the University Hospital of Crete. From 18/12/15 until 30/9/17 I was **Head of the Nursing Department**, of the Hellenic Mediterranean University.

Participation in funding projects:

Operational Program for Education and Industrial Vocational Training, E.U.:

- Participation in the three-year Vertical Action Program for University networking, 1997, TEI of Crete.
- Participation in the three-year program for the upgradation of the provided services of the central library of the TEI of Crete”, 1997, TEI of Crete.
- Participation in the three-year program entitled "Introduction of the institution of multiple bibliography of TEI of Crete”, 1997, TEI of Crete.
- Participation in three-year program for the upgradation of the curriculum of the Accounting Department of TEI of Crete, 1998.
- Participation in the three-year program for the upgradation of the curriculum of the Nursing Department of TEI of Crete, 1998.

Participation in the Archimedes III Operational Program (National Foundation Research Program) "Strengthening Research Teams at the Technological Educational Institutes", Department of Social Work, 2012. Design, development and implementation of an electronic youth observatory.

List of publications:

- Harissis, G., Melas, C., Moustakis, V., Zampetakis, L.A. (2010). Chapter 20: Organizational implementation of health-care information systems. In: Handbook of Research on Developments in e-Health and Telemedicine: Technological and Social Perspectives (Cruz-Cunha, M.M., Tavares, A.J. & Simoes, R. Eds), pp. 419-450, New York, Medical Information Science Reference.
- Melas C., et. al, 2011, "Modeling the acceptance of clinical information systems among hospital medical staff: An extended TAM model", Journal of Biomedical Informatics, 2011.
- Melas C., et. al, 2011, «Evaluating the properties of the Evidence Based Practice Attitude Scale (EBPAS) in health care”, American Psychological Assessment, 2011.
- Melas C. et. al. 2013, «The significance of attitudes towards Evidence Based Practice in Information Technology use: An attitudinal empirical investigation». Behaviour and Information Technology, DOI: 10.1080/0144929X.2013.774048

- Melas C, et. Al, 2013, «Information and communication technology (ICT) use, knowledge and feature demands of medical staff: An empirical investigation of technology readiness». European Journal of Information Systems, doi:10.1057/ejis.2013.23
- Patelarou E. A. et. al, 2013, “Current evidence on the attitudes, knowledge and perceptions of nurses regarding evidence-based practice implementation in European community settings: A systematic review”, Journal of Community Health Nursing, Taylor and Fransis, 30:4, 230-244, <http://dx.doi.org/10.1080/07370016.2013.838501>.
- Patelarou A. et. al, «Readiness towards Evidence Based Nursing” (2014). http://www.spnj.gr/articlefiles/volume3_issue2/324.pdf
- Patelarou A. et. Al. , 2015, “The evidence-based practice readiness survey: a structural equation modeling approach for a Greek sample”, International Journal of Evidence-Based Healthcare: June 2015 - Volume 13 - Issue 2 - p 77–86, doi: 10.1097/XEB.0000000000000043. http://journals.lww.com/ijebh/Abstract/2015/06000/The_evidence_based_practice_readiness_survey_a.6.aspx.
- 7/11/17, American Public Health Association, annual meeting, poster presentation Kritsotakis G. et. Al, “An exploration of the ‘Problem behavior theory’: Associations of driving violations with 14 lifestyle behavioral risk factors in young adults. <https://apha.confex.com/apha/2017/epi/papers/viewonly.cgi?username=394294&password=49302>
- 0.
- 29/6/19, Singapore, International Council of Nurses and CNR, Oral session, G. Kritsotakis et al: “From Nursing students to Nurses: a 4-year longitudinal comparison of multiple lifestyle risk behaviors among nursing students and non-nursing peers”.
- Zampetakis, L.A. and Melas, C. (2021), The health belief model predicts vaccination intentions against COVID-19: A survey experiment approach. Applied Psychology, Health and Well Being. <https://doi.org/10.1111/aphw.12262> και <http://dx.doi.org/10.1111/aphw.12262>