

Prof. John Damilakis – Short Curriculum Vitae (OCTOBER 2013)

1. Current Employment

- a. Professor and Chairman, Department of Medical Physics, Faculty of Medicine, University of Crete
- b. Head of the Medical Physics Department, University Hospital of Iraklion, Crete, Greece

2. Employment history

a. Faculty of Medicine, University of Crete: Scientific Associate (1992-1995), Lecturer (1995-1999), Assist. Professor (1999-2003), Assist. Professor, permanent faculty member (2003-2008), Chairman of the Medical Physics Department (2007-today), Associate Professor (2008-2013), Professor of Medical Physics (2013-today)

b. University Hospital of Iraklion, Crete: 1989-today

c. Venizelion General Hospital, Iraklion, Crete: Medical Physicist (1986-1989)

3. Academic Qualifications

John Damilakis received a B.Sc. in Physics (1981) from the University of Thessaloniki, Greece, an M.Sc. in Medical Physics from the University of Surrey, UK and a Ph.D. from the University of Crete, Greece.

4. Positions in International Organizations

- a. EFOMP Vice President, 2014 – EFOMP President (2015-2017)
- b. Chairman of the Education and Training Committee, International Organization for Medical Physics (IOMP), 2012-2015
- c. Chairman of the Education and Training Committee, International Union for Physical and Engineering Sciences in Medicine (IUPESM), 2012-2015

5. Editorial Board Member

Editorial board member of several scientific journals including the ‘**European Radiology**’ (from January 2011: Section Editor, Physics in Radiology) (Impact Factor 3.222), ‘**Investigative Radiology**’ (Impact Factor 4.593) and ‘**BioMed Research International**’ (Impact Factor 2.436).

6. Research Interests

Medical radiation protection, embryo/fetal dosimetry, CT dosimetry, assessment of bone status using non-invasive techniques

7. Publications

More than 200 publications in peer-reviewed journals, conference proceedings and reports [Number of publications in PubMed: 161, h-index 25]. Many of his journal publications are in leading journals such as **Medical Physics**, **Physics in Medicine and Biology**, **Radiology**, **Investigative Radiology** and **European Radiology**. John Damilakis is editor of 1 book and co-author of 2 chapters in international textbooks.

8. Recent Projects

John Damilakis has been involved in several national and international projects as a coordinator, group leader or research member. His current projects are:

- a. MEDRAPET** (Medical Radiation Protection Education and Training) Project – Contract with the EC, Luxemburg (2010 - 2013), **Scientific Coordinator, Chair of the Steering Committee, WP 2 leader**. The

consortium is composed of 6 European organizations (ESR, EFOMP, ESTRO, EANM, CIRSE and the EFRS). More information about MEDRAPET can be found at www.medrapet.eu.

b. CONCERT (Conceptus Radiation Doses and Risks from Imaging with Ionizing Radiation) – Contract with the General Secretariat for Research and Technology, Greece (2012-2015), **Scientific Coordinator - Principal investigator**. The core task of CONCERT is the development of a software expert system for the estimation of conceptus dose and risk associated with imaging examinations performed on the mother.

c. EUTEMPE-RX- (EUropean Training and Education for Medical Physics Experts in Radiology) - FP7 Fission 2013, Contract with the EC, Brussels (2013-2016). **Leader of Workpackage 4.11** ‘Dosimetry, from conceptus to the adolescent’. The EUTEMPE-RX consortium will develop, put into practice and evaluate a new training scheme for the Medical Physics Expert in Diagnostic and Interventional Radiology, which includes both face-to-face and on-line teaching.

9. Academic activities

a. President of the ‘**Hellenic Association of Medical Physicists**’ (1998-2000)

b. Vice Chairman of the ‘**VI International Conference on Medical Physics**’ (1999)

c. Member of the steering committee of the ‘**Inter-University Postgraduate Course in “Medical - Radiation Physics”**’, Greece (1998-today)

d. Member of the ‘Physics in Radiology’ subcommittee (2001-2003), chairman of the ‘Physics in Radiology’ subcommittee (2005) and member of the Program Planning Committee (2006-2008, 2010), **European Congress of Radiology**

e. Invited Professor for lectures on radiation protection (CT, Dose management of pregnant patients), **Boston University, USA** (2007)

f. Invited ‘expert’ in several **IAEA** meetings including the regional meeting to create a network of medical professionals on radiation protection of children (Varna, Bulgaria, 2010) and the IAEA regional workshop on dose management in diagnostic radiology (Doha, Qatar, 2011).

g. Member of several international workgroups for developing syllabuses and guidelines, e.g. ‘Syllabus for the education and training of Medical Physics Experts in diagnostic radiology’ (EFOMP, published in *Insights into Imaging* 3:197-200, 2012), ‘Guidelines on radiation management for interventions using fluoroscopic or CT guidance during pregnancy’ (a joint guideline of the SIR and CIRSE, published in *J Vasc Interv Radiol* 23:19-32, 2012) and ‘Radiation protection guidelines in digestive endoscopy’ (ESGE, published in *Endoscopy* 44:408-21, 2012).

h. Peer-reviewer for several journals including Medical Physics, Physics in Medicine and Biology, European Radiology, Investigative Radiology and Nature Reviews Cardiology.

10. Invited presentations

John Damilakis has given more than 150 invited presentations in national and international conferences including **ECR, RSNA, IOMP** and **EFOMP** meetings.

11. Recent Awards and distinctions (2011, 2012)

a. ‘**Excellence in Research Award**’ for the research performed on ‘Radiation doses and risks from CT examinations’, Hellenic Ministry of Education, 2012.

b. The paper entitled “Eye-Lens Bismuth Shielding in Pediatric Head CT: Artifact Evaluation and Reduction” published in Pediatric Radiology was awarded the ‘**Walter E. Berdon Award**’ (The Society for Pediatric Radiology), 2011.