

BRIEF CURRICULUM VITAE Panagiotis E. Antoniou, MSc, PhD

**Academic Reader, School of Medicine, Faculty of Health Sciences,
Aristotle University of Thessaloniki, Greece**

Lab of Medical Physics and Digital Innovation, University Campus,

Address: Aristotle University of Thessaloniki, 54124 Thessaloniki, Greece

Email: antoniopa@auth.gr

Tel: No personal landline,

Website (if available) <https://imedphys.med.auth.gr/user/panagiotis-antoniou>

Courses: Medical Physics (MD1002) 5 ECTS | Introduction to Clinical Skills and Practice (MD1005) 3 ECTS

Dr. Panagiotis Antoniou is a postdoctoral research associate in the Lab of Medical Physics and Digital Innovation. He graduated in Physics from Aristotle University of Thessaloniki in 1997 and received his PhD in biomedical signal processing from Democritus University of Thrace in 2004 with excellent grade. He was the Principal investigator in the first funded post-doctoral research scholarship in the Medical School of the Democritus University of Thrace between 2005 and 2007 through the nationally funded project "PYTHAGORAS II – 3-dimensional dosimetry of diagnostic and interventional radiological examinations through the use of Magnetic Resonance Imaging." He is a professionally licensed medical physicist with extensive clinical and research work. He served for 4 years as a medical physicist in the General Hospital of Kavala between 2009 and 2013 and as the senior medical physicist of the 424 General Military Hospital of Education between 2016 and 2020. Since 2013 he is a post-doctoral research associate in the Lab of Medical Physics and Digital Innovation. Since 2020 he is a selected Academic reader, teaching the Course "Medical Physics" in the Aristotle University School of Medicine.

Dr. Antoniou's Research work comprises 24 publications in international peer reviewed journals, 53 publications in proceedings of international peer reviewed scientific conferences, 14 publications in proceedings of Greek peer reviewed scientific conferences, 6 book chapters in scientific book publications. According to Google Scholar analytics, his research work has 500 citations, an h-index of 10 and an i-10 index of 10 as of March 2022.

He is member of the editorial board and Program committees of several international peer reviewed journals and conferences, with extensive peer review work in several international journals. He has participated as a freelance research associate, senior and technical manager in several EU funded projects.

His research interests include Medical Physics, Medical Informatics and Technology Enhanced Learning. In the Lab of Medical Physics and Digital Innovation, he is leading the group of Medical Education Informatics and he has founded the Innovation and Technology Empowered Learning team (ITELG) focusing in immersive technology enhanced learning in modalities like virtual, augmented, or mixed reality.

Dr. Antoniou's past interdisciplinary research spanned the spectrum of ionizing radiation dosimetry and biomedical signal processing all the way to affective and cognitive impact of game based interventions to the elderly and their quality of life. His current research endeavours involve the mainstreaming of immersive modalities (VR/AR) in medical education, research on the impact and efficacy of technology enhanced learning in medical education, as well as neuroscientific research on affective factors that impact medical learning during immersive educational episodes.