

## **BRIEF CURRICULUM VITAE EMMANOUIL PAPANASTASIOU, BSc, MSc, PhD**

**Assistant Professor of Medical Physics, School of Medicine, Faculty of Health Sciences,  
Aristotle University of Thessaloniki, Greece**

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### PERSONAL DATA

Date of birth: 1968

Family status: married, father of a 15 years old daughter

### UNDERGRADUATE STUDIES

1990: BSc in Physics, School of Physics, Faculty of Sciences, Aristotle University Thessaloniki, Greece.

### POSTGRADUATE STUDIES

1991: MSc in Medical Physics, Department of Physics, Faculty of Engineering and Physical Sciences, University of Surrey, United Kingdom.

### PhD

2005: PhD Thesis titled "Consideration of the physico-technical characteristics of parallel hole collimators during image acquisition with SPECT gamma camera". School of Medicine, Faculty of Health Sciences, Aristotle University of Thessaloniki, Greece.

### CAREER MILESTONES

1995: Licenced Medical Physicist

1996-1997: Medical Physicist at a private sector Nuclear Medicine laboratory

1997-2018: Medical Physicist at the Medical Physics Dept. of AHEPA University Hospital, Thessaloniki, Greece.

2018-present: Assistant Professor of Medical Physics, Medical Physics Laboratory, School of Medicine, Aristotle University of Thessaloniki, Greece.

### MAIN RESEARCH ACTIVITIES

- Image quality in Nuclear Medicine
- Image quality in Diagnostic Radiology
- Medical radiation dosimetry
- Radiation protection of patients and staff

## TEACHING EXPERIENCE

### Undergraduate Level

- Medical Physics (School of Medicine, School of Dentistry)
- Introduction to Biomedical Technology (School of Medicine, School of Dentistry)
- Diagnostic Imaging I (School of Medicine)

### Postgraduate Level

- Physics of Radiology (Interuniversity Postgraduate Course: Medical Physics)
- Radiation and the Environment (Postgraduate Course: Health & Environmental Factors)
- Advanced Cardiovascular Imaging (Postgraduate Course: Research Methodology in Medicine and Medical Sciences)

### Other

- Training of medical physicists during their 12-months Hospital internship. Since 1997, I have trained more than 35 colleagues in Physics of Nuclear Medicine, Physics of Radiology and Radiation Protection.
- Radiation Protection training to medical doctors, radiographers, nurses in several Hospital clinics.
- Courses in Radiation Protection and Physics of Nuclear Medicine in training Nuclear Medicine doctors and radiographers of the Nuclear Medicine Laboratory of AHEPA University Hospital.

## SUPERVISION OF GRADUATE STUDENTS

- Supervision of two (2) PhD students, School of Medicine, Aristotle University of Thessaloniki, Greece.
- Supervision and co-supervision of more than 10 MSc Students for their Diploma Thesis, School of Medicine, Aristotle University of Thessaloniki, Greece.

## PUBLICATIONS

- 29 full papers in international peer reviewed Journals and in Proceedings of International Congresses
- h-index: 8
- 49 Abstracts in international peer reviewed Journals and in Proceedings of International Congresses
- 11 full papers in Hellenic peer reviewed scientific journals and in Proceedings of Hellenic Congresses
- 19 Abstracts in Proceedings of Hellenic Congresses
- 1 Book chapter

## SCIENTIFIC SOCIETIES

- Member of the European Association of Nuclear Medicine (EANM)
- Member of the Hellenic Association of Medical Physicists (HAMP)
- Member of the Hellenic Society of Biomedical Technology (ELEVIT)

#### MEMBER OF THE EDITORIAL BOARD OF SCIENTIFIC JOURNALS

- Radiation and Health (specialty section of Frontiers in Public Health)
- Radionuclide Therapy (specialty section of Frontiers in Nuclear Medicine)
- Hellenic Journal of Nuclear Medicine

#### REVIEWER IN SCIENTIFIC JOURNALS

- Radiation Protection and Dosimetry
- Medical Physics
- European Journal of Nuclear Medicine and Molecular Imaging
- Health Informatics Journal
- Healthcare Technology Letters