

CURRICULUM VITAE

Name: Jenia Vassileva

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Qualifications

MSc in Engineering Physics (1982)

PhD in Medical Radiological Physics (2002)

Specialist in Medical Radiological Physics (2004)

IAEA Fellow, Royal Marsden Hospital, London, UK (1998)

Continuous education in various international trainings

Employment and duties

1986 – 2003: Assistant Professor, Faculty of Natural Sciences, Shumen University Konstantin Preslavsky, Bulgaria: Teaching nuclear physics, radiation protection, medical physics.

Coordinator of the establishment of the first MSc program in Medical Physics in Bulgaria (1992)

Supervisor of 14 MSc students in Medical Physics

2003 – 2014: National Centre of Radiobiology and Radiation Protection, Sofia, Bulgaria;

Head of Department for Radiation Protection at Medical Exposure; Associated Professor (since 2005),

Full Professor (since 2012) in Medical Radiological Physics.

Involved in establishment of QA/QC system and patient dose assessment in Bulgaria.

Coordinator of 3 nationwide patient dose surveys and setting DRLs in Bulgaria.

Coordinator of the online portal for patient dose collection at NCRRP.

Organizer of trainings on QA/QC, dosimetry and patient dose optimization.

Supervisor of 9 PhD students in Medical Radiological Physics.

2004 – 2014: Physics Faculty, Sofia University Sv. Kliment Ohridsky, Sofia

Adjunct Professor, Physics of Medical Imaging;

Supervisor of 22 MSc and BSc students in Medical Physics

2005 – 2014: Medical University, Sofia

Adjunct Professor, Physics of Medical Imaging, Quality Assurance

2014 – 2023: Radiation Protection Specialist, Radiation Protection of Patients Unit, International Atomic Energy Agency, Vienna, Austria.

Scientific secretary of IAEA technical meetings.

Technical officer and lecturer in the IAEA training courses and workshops.

Scientific secretary of four IAEA safety standards: SSG-46, SRS-108, SRS-112 and one under development, contributor to four publications in the Human Health series.

Organizer of 6 Joint ICTP-IAEA workshops in Trieste, Italy, and with Argon Laboratory, USA, on topics related to radiation protection in medicine.

Organizer and moderator of regular webinars on Radiation Protection of Patients (75 webinars broadcasted).

Scientific Secretary of 6 e-learning on Radiation Protection of Patients.

Technical officer for European regional and national projects in the field of radiation protection of patients.

Invited speaker in over 40 scientific events around the world.

October 2023 – present: Retiree, independent radiation protection consultant, involved as an IAEA expert and invited speaker for IAEA meetings and mission on radiation protection and medical physics in Vienna, Mexico, Brazil, Turkiye, Uzbekistan, Hungary, Poland, Sri Lanka, Philippines, Belarus, Uzbekistan, etc.

2009 – present: President of Roentgen Foundation, Bulgaria.

Projects and activities

2006 – 2021: Chair of the State Examination Board on Medical Radiological Physics at the Ministry of Health of Bulgaria.

2021 – present: Member of the State Examination Board on Medical Radiological Physics at the Ministry of Health of Bulgaria.

2002 – 2014: Coordinator or counterpart in various national and European projects such as the Twinning Project Bulgaria-Germany BG 2000/IB/EN/01E, Twinning Project Bulgaria-Finland BG 06/IB/SO/01; SENTINEL project (Safety and Efficacy for New Techniques and Imaging Using New Equipment) to Support European Legislation-FP6 – 012909, EC project Study on European Population Doses from Medical Exposure Dose Datamed 2

2007 – 2014: Coordinator for Bulgaria of the IAEA Technical assistance project for strengthening radiological protection of patients and Medical exposure control (IAEA); Chief Scientific Coordinator for Bulgaria in two IAEA Coordinated Research Projects.

2010: Chair of the Organising Committee of two International Conference on Radiation Protection in Medicine, 1-3 September 2010 and 30 May – 2 June 2014 in Varna, Bulgaria.

2010: Coordinator of the Bulgarian translation of the EMITEL Dictionary of Medical Physics terms

2010, 2011, 2012: Member of the Physics Subcommittee, European Congress of Radiology, Vienna,

2013: Chair of the Physics Subcommittee, European Congress of Radiology, Vienna, ECR 2013, Vienna

2012: Scientific Secretary, European Conference on Medical Physics and Biomedical Engineering, 18-20 October 2012, Sofia, Bulgaria.

2011, 2014: Guest-editor of the Special Issues of Radiation Protection Dosimetry, 2011, Vol. 147 (1-2) and 2015, Vol. 165 (1-4), with articles from the RPM conferences in 2010 and 2014.

2012 – 2014: President of the Bulgarian Scientific Society of Biomedical Physics and Engineering.

2012 – 2018: Member of the Education and Training Committee of the International Organization for Medical Physics (IOMP).

2018 – present: Member of two ICRP Task Groups: TG108 (Optimisation of Radiological Protection in Digital Radiography, Fluoroscopy, and CT in Medical Imaging) and TG116 (Radiological Protection Aspects of Imaging in Radiotherapy).

Associate editor of the European Journal of Medical Physics; Reviewer for various peer reviewed journals
Author of over 120 peer-reviewed articles

2023: Recipient of the Butterfly Award of Image Gently