

CURRICULUM VITAE



Name Jenia Vassileva
Nationality Bulgarian

WORK EXPERIENCE

2014 – present

Radiation Protection Specialist
Radiation Protection of Patient Unit
Radiation Safety and Monitoring Section,
Division of Radiation, Transport and Waste Safety
International Atomic Energy Agency
Vienna, Austria

2003 – 2014

National Centre of Radiobiology and Radiation Protection
Head of Department for Radiation Protection at Medical Exposure;
Professor (since 2012);
Assoc. Professor (2005-2012);
Assistant Professor (2003-2005)
Research, Teaching, Expert support to Ministry of Health, QA and patient dose surveys;
Supervisor of 6 PhD students

2004 – 2014

Professor (part-time), Physics of Medical Imaging
Sofia University Sv. Kliment Ohridsky, Sofia
Supervisor of 22 MSc and BSc diploma works

2005 – 2014

Assoc. professor (part time), Physics of Medical Imaging, Quality Assurance
Medical University, Sofia

2003 – 2010

Shumen University Konstantin Preslavsky, Shumen
Faculty of Natural Sciences, Department of Applied Physics
Assoc. professor (part time), Physics of Medical Imaging, Radiation Protection

1986 – 2003

Shumen University Konstantin Preslavsky, Shumen
Faculty of Natural Sciences, Department of Applied Physics
Assistant Professor, Teaching and Research in Nuclear Physics and Medical Physics
Active participation in the establishment of the first university program on Medical Physics in
Bulgaria (1992 – 1995), later transformed to MSc in Medical Physics
Supervisor of 14 MSc diploma works

1982 – 1986

EDUCATION AND TRAINING

Designers' bureau, Shumen, Bulgaria

2002

Ph.D. in Medical Radiological Physics

Thesis on Image Quality and Patient Doses in Radiography

2004

Specialist in Medical Radiological Physics (Medical Physics Expert, Diagnostic Radiology)

1976 – 1982

M.Sc. in Engineering Physics

Moscow Institute of Power Engineering, Moscow, Russia

Continuous training:

Oct. 1995 - Second School in Radiophysics (Diagnostic Radiology), ICTP, Trieste, Italy

Sept. 1996 - ERPET Training Course for Medical Physicists (Patient Radiation Protection and QA in Diagnostic Radiology), Germany

Sept. 1997 - Summer School (The Expanding Role of Medical Physics in Diagnostic Radiology), Nice, France

Sept.-Dec. 1998 - Training under IAEA fellowship on Radiation Protection and Quality Assurance in Diagnostic Radiology (X-Rays), Physics Dept, Royal Marsden Hospital, London, UK, supervisor – Dr. D. Dance

Jan. 2003 - IAEA Training course on Radiation Protection in Diagnostic and Interventional Radiology, Sofia, Bulgaria

March 2003 – XV winter school on Medical Physics, Pichl, Austria

Oct. 2003 – IAEA Training course on Radiation Protection in Nuclear Medicine and Medicine, Bulgaria

March 2004 – Optimization of Dose and Performance in Interventional and Digital Imaging, Leuven, Belgium

September 2005 – IOMP's 14th International Conference of Medical Physics, Nuremberg, Germany

April 2006 – Scientific visit to SSI, Stockholm, Sweden

October 2006 – IAEA Training course on Radiation Protection in Interventional Radiology and Cardiology, Sofia, Bulgaria

April 2007 – First Central and Eastern European Workshop on Quality Control, Patient Dosimetry and Radiation Protection in Diagnostic and Interventional Radiology and Nuclear Medicine, Budapest, Hungary

May 2007 – First EUTERP Platform Workshop “Qualification and Requirements for Recognition of Radiation Protection Experts, Radiation Protection Officers and Radiation Workers, Vilnius, Lithuania

September 2007 – Refresher courses on Regional and Global Spectra on Radiation Protection and Personal Dosimetry of Radiation Workers, IRPA Regional Congress for Central and Eastern Europe, Brasov, Romania

October 2008 – STUK-NCRRP Seminar on Dosimetry in Radiotherapy and Diagnostic Radiology, Sofia, Bulgaria

October 2008 – EUREF Course on the Physics of Digital Mammography, Nijmegen, The Netherlands

June 2010 – Workshop “Towards safer and more effective use of radiation in paediatric health care”, Helsinki, Finland

July 2011 – IAEA fellowship for a Regional Group scientific visit on RP in Diagnostic Radiology at General Hospital, Boston, USA

September 2011 – European Workshop to Introduce Radiation Protection 162 “Suspension Levels and Acceptability Criteria for medical Equipment, Malahide, Dublin, Ireland

December 2011 – IAEA National Training course on Computed Tomography – technology, optimisation and Quality Assurance, Sofia, Bulgaria
and many other workshops, seminars in last years

PROJECTS

2002-2003: Task leader, Twinning Project Bulgaria-Germany BG 2000/IB/EN/01E on Radiation Protection and safety at the medical use of the ionising radiation (Phare project funded)

2005-2007: Coordinator for Bulgaria of SENTINEL project (Safety and Efficacy for New Techniques and Imaging Using New Equipment) to Support European Legislation-FP6 – 012909,

2008-2009: Project Manager, Twinning Project Bulgaria-Finland BG 06/IB/SO/01 in order to

strengthen administrative structures for radiation protection and safety use of ionizing radiation in diagnostics and radiotherapy (PHARE project , EC funded)

2007-2014: Coordinator for Bulgaria of the IAEA Technical assistance project for strengthening radiological protection of patients and Medical exposure control (IAEA)

2010-2013: WP leader in EC project Study On European Population Doses From Medical Exposure Dose Datamed 2, 2011-2013.

2010: Chair of the Organising Committee of the International Conference on Radiation Protection in Medicine, 1-3 September 2010, Varna, Bulgaria

Coordinator of the Bulgarian translation of the EMITEL Dictionary of Medical Physics terms (EMITEL Project), <http://www.emitel2.eu/emitwwwsql/contributors.aspx>

2012-2013: Chief Scientific Investigator from Bulgaria for the IAEA Coordinated Research Project (CRP) 'The Development of Advanced Dosimetry Techniques for Diagnostic and Interventional Radiology'.

2013-2014: Chief Scientific Investigator from Bulgaria for the IAEA Doctoral CRP

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

Chair of the Physics subcommittee, European Congress of Radiology, Vienna, ECR 2013, Vienna, Austria

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

2014: Chair of the Organizing Committee of the International Conference on Radiation Protection in Medicine, 30 May – 2 June 2014, Varna, Bulgaria

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.

Reviewer for peer reviewed journals: Medical Physics, Radiation Measurements, Radiation Protection Dosimetry, British Journal of Radiology, American Journal of Roentgenology, European Journal of Medical Physics, and Journal of Medical Imaging.

Before joining the IAEA in 2014: Expert and lecturer in a number of missions and training courses:

Regional course on Radiation Protection in Diagnostic and Interventional Radiology in Nairobi, Kenya, 3-14 May 2004

Regional course on Radiation Protection for Doctors, using fluoroscopy (non-radiologists and non-cardiologists), Sofia April 2008

National course on Radiation protection in Diagnostic radiology, 24-25 May 2010 in Vilnius, Lithuania

National Training course on Quality Control and Dosimetry in Diagnostic Radiology, Tashkent, Uzbekistan, 2012.

National training courses on Quality Control in Diagnostic Radiology in Almaty, Kazakhstan, 2010 and 2011.

Expert missions in Georgia (2007), Kazakhstan (2008) and Moldova (2009)

Short assignments (consultant) in Vienna, Austria (2010, 2011, 2012)

Since 2014: Scientific secretary of IAEA technical meetings, technical officer and lecturer in the IAEA training courses and workshops; technical officer for European regional and national projects in the field of radiation protection of patients.

ADDITIONAL INFORMATION

2006 – present: Chair of the State Examination Commission on Medical Radiological Physics at the Ministry of Health of Bulgaria

President of the Bulgarian Scientific Society of Biomedical Physics and Engineering (2012-2014) (www.bsbpe.org)

President of Roentgen Foundation, Bulgaria (www.roentgen-bg.org)

Member of European Society of Radiology (ESR) – 2007 - present

Member of Bulgarian Association of Radiology

Member of the Board of the Sofia branch Union of Physicist in Bulgaria

LANGUAGES

Mother tongue: Bulgarian
English: Good
Russian: Good
German: Basic knowledge