

Joann I. Prisciandaro, Ph.D., DABR, FAAPM

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Education and Training

Education

08/1992-05/1996	BA, Chemistry, New York University, New York, NY
05/1997-12/2001	PhD, Experimental Chemical Physics, Dissertation Title: "Beta decay studies of ⁶⁹ Ni and ⁵⁸ V: Development of subshell gaps within the N = 28 - 50 shell", Michigan State University, East Lansing, MI

Postdoctoral Training

01/2002-09/2004	Postdoctoral Research Fellow, Radiation Oncology Physics, Mayo Clinic College of Medicine, Rochester, MN
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Certification and Licensure

Certification

06/2006-12/2016	American Board of Radiology - Therapeutic Radiologic Physics #P3863
01/2017-12/2017	American Board of Radiology - Therapeutic Radiologic Physics #P3863

Academic, Administrative, Clinical and Military Appointments

Academic Appointments

10/2004-08/2008	Clinical Instructor in Radiation Oncology, University of Michigan, Ann Arbor, MI
09/2008-08/2014	Clinical Assistant Professor in Radiation Oncology, University of Michigan, Ann Arbor, MI
09/2014-present	Clinical Associate Professor in Radiation Oncology, University of Michigan - Ann Arbor, Ann Arbor, Michigan

Committee Services

International

2015-present Education and Training Committee, International Organization for Medical Physics (IOMP), Member

National

2006-2008 Medical Physics Committee, RTOG, Committee Member

2006-2011 A Phase II Trial of Samarium 153 Followed by Salvage Prostatic Fossa 3DCT or IMRT Irradiation in High-Risk, Clinically Non-Metastatic Prostate Cancer After Radical Prostatectomy, RTOG, Medical Physics Study Chair for RTOG 0622

2006-2011 Work Group on Coordination of Medical Physics Residency Programs, AAPM, Member

2007-2009 Trainee and Provisional Member Committee, ACMP, Member

2007-2010 Task Group #127, Maintenance of Certification, AAPM, Task Group Member

2008-2012 Ethics Committee, AAPM, Committee Member

2008-2012 Subcommittee on Practice Guidelines, AAPM, Vice Chair of the Subcommittee

2008-2013 Clinical Practice Committee, AAPM, Committee Member

2008-2014 Subcommittee on Physics Curriculum for Residents, ASTRO, Member

2009-2014 Subcommittee on Medical Physicists as Educators, AAPM, Subcommittee Member

2010-2011 Women's Professional Subcommittee, AAPM, Subcommittee Member

2010-2012 Education and Training of Medical Physics Committee, AAPM, Member

2010-2016 Maintenance of Certification Subcommittee, AAPM, Subcommittee Member

2010-2016 Working Group on Periodic Review of Medical Physics Residency Training, AAPM, Chair

2010-present Task Group #203, Management of radiotherapy patients with implanted cardiac pacemakers and defibrillators, AAPM, Member

2011-2012 Spring Clinical Meeting Subcommittee, AAPM, Therapy Physics Co-Organizer

2011-2013 Radiation Oncology Medical Physics Education Subcommittee, AAPM, Member

2011 Radiation Dosimetry and Treatment Planning Subcommittee, AAPM, Subcommittee Member

2012-2013 Subcommittee on Practice Guidelines, AAPM, Chair

2012-2013 Task Group #231, Cognitive science and education resources, AAPM, Member

2013-2014 Education and Training of Medical Physics Committee, AAPM, Vice-Chair

2013-2015 Ad Hoc Committee on Meetings Strategy, AAPM, Member

2013-2015 Spring Clinical Meeting Subcommittee, AAPM, Member

2013-present Commission on Accreditation of Medical Physics Educational Programs (CAMPEP) Board of Directors, Member

2013-present The Society of Directors of Academics Medical Physics Programs (SDAMPP), Member

2013 Nominating Committee, AAPM, Member

2014-2015 ACR/AAPM Technical Standard for the Performance of High Dose Rate Brachytherapy Physics, Member

2014-2016 Commission on Accreditation of Medical Physics Educational Programs (CAMPEP), Treasurer/Secretary

2014-present Education and Training of Medical Physics Committee, AAPM, Chair

2014-present Radiation Oncology Medical Physics Education Subcommittee, AAPM, Consultant

2014-present Task Group No. 259 - MPPG #7 Medical Physics Extenders, AAPM, Members

2014 Nominating Committee, SDAMPP, Member

2014 Subcommittee on Practice Guidelines, AAPM, Consultant

2015-present Education Council, AAPM, Member

2015-present Task Group No. 278 - Task Group on Combined Residency and Research Training in Medical Physics (TG-Hybrid Training), AAPM, Member

2015-present Work Group on Future Research and Academic Medical Physics, AAPM, Member

2016-present	Task Group 298, Task Group on Alternative Pathway Candidate Education and Training, AAPM, Member
2016-present	Working Group on MCC (Meeting Coordination Committee) Purpose, Organization and Rules, AAPM, Member
2017-present	Finance Committee, AAPM, Member
2017-present	Working Group on Periodic Review of Medical Physics Residency Training, AAPM, Consultant

Regional

2007-2009	Great Lakes Chapter of the AAPM, Secretary
2009-present	Medical Physics Licensure State Committee, Committee Member
2012-2014	Board Representative of the AAPM, Great Lake Chapter Representative

Institutional

2003-2004	Brachytherapy working group, Department of Radiation Oncology, Mayo Clinic , Brachytherapy working group
2004	Education Committee, Department of Radiation Oncology, Mayo Clinic, Education Board
2004-2007	Education Committee, Medical Physics Residents, University of Michigan, Education Committee
2006-2008	Lean Thinking - 3D conformal treatment process, University of Michigan, Member
2006-2013	Graduate Medical Education Committee, Department of Radiation Oncology, University of Michigan, Graduate Student Education Committee
2007-2017	Medical Physics Residency Committee, Chair
2008-present	Radiation Policy Committee, University of Michigan, Radiation Policy Committee
2010-present	Variance Committee, Department of Radiation Oncology, Member
2012-2014	Education Leadership Council, Member 2013-2014 Academy of Medical Educators, Member
2013-2014	Faculty Development and Monthly Conferences Workgroup, Member
2013-present	Clinical Radiation Safety Committee, Member
2013	Radiation Oncology Annual Retreat on Education, Organized and moderated
2015-present	Medical Physics Certificate Committee, Member
2016-present	Clinical Competency Committee, Department of Radiation Oncology, Member

Bibliography

Peer-Reviewed Journals and Publications (Selection from 34)

1. J.I. Prisciandaro: Review of online educational resources for medical physicists J Appl Clin Med Phys 14(6): 368-387, 2013.
2. J.I. Prisciandaro, C.E. Willis, J.W. Burmeister, et al.: Essentials and guidelines for clinical medical physics residency training programs: Executive summary of AAPM Report Number 249 J Appl Clin Med Phys 15(3): 4-13, 2014.
3. J. Prisciandaro, A. Makkar, C. Fox, L. Horwood, J. Hayman, F. Pelosi, and J. Moran: Dosimetric review of cardiac implantable electronic device patients receiving radiotherapy Journal of Applied Clinical Medical Physics 16(1): 254-263, 2015.
4. A.M. Owringi, S. Jolly, J.M. Balter, Y. Cao, K.E. Maturen, L. Young, T. Zhu, J.I. Prisciandaro: Clinical implementation of MR-guided vaginal cylinder brachytherapy Journal of Applied Clinical Medical Physics 16(6): 490-500, 2015.
5. Joann I Prisciandaro, PhD, Scott W Hadley, Ph.D., Shruti Jolly, M.D., Choonik Lee, Ph.D., Peter L Roberson, Ph.D., Donald A Roberts, Ph.D., and Timothy A Ritter, Ph.D.: Development of a brachytherapy audit checklist tool Brachytherapy 14(6): 963 - 969, 2015.

6. A.M. Owrangi, D.A. Roberts, E.L. Covington, J.A. Hayman, K.M. Masi, C.I. Lee, J.M. Moran, and J.I. Prisciandaro: Revisiting fetal dose during radiation therapy: Evaluating treatment techniques and a custom shield *Journal of Applied Clinical Medical Physics* 17(5): 34-46, 2016.
7. Kelly Younge, Choonik I Lee, Jean M Moran, Mary Feng, Paula Novelli, and Joann I Prisciandaro: Failure Mode and Effects Analysis in a Dual-Vendor Microsphere Brachytherapy Environment *Practical Radiation Oncology* 6(6): e299-e306, 2016.
8. E.L. Covington, T.A. Ritter, J.M. Moran, A.M. Owrangi, and J.I. Prisciandaro: Evaluation of peripheral dose for flattening filter free photon beams *Med. Phys.* 43(8): 4789-4796, 2016.