



For Immediate Release  
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## ***Alejandro Bertolet to Receive John D. Boice Jr. Young Investigator Award***



The Award was established by NCRP upon the retirement of John D. Boice, Jr. as President in 2019. The Young Investigator Award recognizes an early career professional engaged in some aspect of science pertaining to radiation protection and measurements. Dr. Alejandro Bertolet has been selected as the fifth recipient of the award that includes a travel grant to attend the annual meeting of NCRP where he will be recognized for his accomplishments.

Dr. Bertolet is the Director of Radiopharmaceutical Dosimetry at Massachusetts General Hospital and an Assistant Professor of Radiation Oncology at Harvard Medical School. At Massachusetts General Hospital (MGH) he is Assistant Investigator, Radiation Oncology; Head, B-Lab, Dosimetry and Modeling for Radiopharmaceutical Therapy; and Associate Director, MGH Radiation Biology Program. He earned his PhD in radiation biophysics from the Universidad de Sevilla, Seville, Spain in 2020. He holds a Commission on Accreditation of Medical Physics Education Programs approved certificate for medical physics.

Dr. Bertolet's work focuses on dosimetry for radiopharmaceutical therapy and biophysical modeling of the effects of ionizing radiation in general, with particular emphasis on multi-scale biophysical studies using the Monte Carlo technique. He is a member of the Tool for Particle Simulation (TOPAS) and the TOPAS-nBio collaborations, which reunites investigators from four different institutions and emphasizes the development of computational tools to address medical physics and radiobiology studies.

Dr. Bertolet's academic and professional journey is marked by several awards and recognitions. In the past two years alone, he has been elected to the Emerging Leaders of Academic Medical Physics by the University of Wisconsin-Madison; featured as Global Rising Star by the American Association of Physicists in Medicine (AAPM); nominated for the MGH Center for Faculty Development Rising Mentor Award; "One to Watch" in 2023, Society of Nuclear Medicine and Molecular Imaging; selected as Mentor for the Summer Fellowship Program by AAPM; and Early Career Investigator Travel Award by the Radiation Research Society. In addition, he is a member of Radiation Research Society, AAPM, Society of Nuclear Medicine and Molecular Imaging, and the Society of Mathematical Biology.

The theme of the 2025 NCRP Annual Meeting is "The Million Person Study: Current Results and Vision for Radiation Epidemiology and Protection" and is open to everyone with an interest in radiation protection, measurements, health, and science.

The National Council on  
Radiation Protection and  
Measurements

Contact:  
7910 Woodmont Avenue, Suite 905  
Bethesda, Maryland 20814-3046  
Telephone: (301) 657-2652  
Fax: (301) 560-8005  
<http://NCRPonline.org>