



For Immediate Release
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Lukas M. Carter to Receive John D. Boice Jr. Young Investigator Award



Established in April 2019 by a generous donation by President Emeritus / Director of Science, John D. Boice, Jr., the Young Investigator Award recognizes an early career professional engaged in some aspect of science pertaining to radiation protection and measurements. Dr. Lukas M. Carter has been selected as the fourth 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. Carter is a Resident in the Department of Medical Physics at Memorial Sloan Kettering Cancer Center. He earned his PhD in chemistry, specializing in radiochemistry, from the University of Missouri. He holds a board certification in Nuclear Medicine Physics and Instrumentation from the American Board of Science in Nuclear Medicine.

Dr. Carter's research focuses on internal radiation dosimetry innovation, including software and methods for personalized dose assessment, computational phantom development, and dosimetric uncertainty characterization. He applies his expertise in dosimetry to preclinical, translational, and clinical radiopharmaceutical science, as well as radiation protection. His work also extends to advancing quantitative imaging techniques, including dual-isotope positron emission tomography (PET), nonstandard radionuclides in PET, and numerous basic radiopharmaceutical science collaborations.

Dr. Carter's academic and professional journey is marked by several awards and recognitions, including the Ruth L. Kirschstein National Research Service Award, the Alavi-Mandell Award of the Society of Nuclear Medicine and Molecular Imaging (SNMMI), and he has been recognized as an honoree in the SNMMI "Ones to Watch" campaign. He is an active member of various professional societies and has authored numerous influential publications contributing to the fields of nuclear medicine, radiochemistry, medical physics, and health physics.

The theme of the 2024 NCRP Annual Meeting is "Advanced and Small Modular Nuclear Power Reactors" and is open to everyone with an interest in radiation protection, measurements, health and science.

The National Council on
Radiation Protection and
Measurements

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