

# From Physics to Patient Care: The Journey of a Medical Physicist

A colloquium sponsored by the Society of Physics Students



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Discover how physics can directly impact patient care through a career in medical physics. This talk introduces the field of medical physics, a unique profession where physics principles are applied in the clinical environment to support the diagnosis and treatment of disease. We will explore the different subfields—diagnostic imaging, radiation therapy, nuclear medicine, and research—and walk through the typical educational and training pathways, including accredited graduate programs and residency requirements. Attendees will gain insights into what graduate programs look for in applicants, what a medical physicist actually does day-to-day, and how to prepare for a successful transition from undergraduate studies to a rewarding career in medical physics. Whether you're exploring options or already curious about the field, this session will help you take the next step with confidence.

Friday, April 11th, 2025  
4:00 PM EST in Jepson 225

Please contact SPS president Carly Healy at [chealy2@mail.umw.edu](mailto:chealy2@mail.umw.edu) with any questions!

Hosted by the Department of Chemistry and Physics

Open to all who wish to attend

