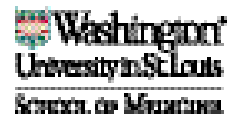



Our outstanding faculty are international leaders in research and application who have contributed widespread innovations to the field of medical physics. Our students learn from master clinicians and researchers while pursuing their studies and their research interests.

Program Director:
Michael Altman, PhD
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radonc.wustl.edu

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Graduate Studies in Medical Physics

NEW Master of Science in
Medical Physics Offered

 **Washington University in St. Louis**
SCHOOL OF MEDICINE
Radiation Oncology

Certificate Program

The Post PhD Graduate Certificate program in Medical Physics is part of a collaboration between Washington University School of Medicine and the McKelvey School of Engineering. Students in the program benefit from exposure a wide array of imaging and therapy technologies at our clinics to prepare graduates for a career in clinical medical physics. The program is:

- CAMPEP accredited
- Located at the Washington University school of Medicine and surrounded by state-of-the-art equipment and internationally recognized faculty
- Can be completed in 18 hours with convenient 1 or 2 year formats with fall and spring start dates
- Ideal for those who have completed a Ph.D. in physical science or engineering with a strong focus in physics
- Established in 2017 with the intent of providing a pathway for post-doctoral applicants to enter into clinical physics residencies



History

Washington University School of Medicine has spearheaded the model for American medical education and research for the last 150 years. In 1997, the Washington University Medical Residency Program was the first program ever to receive CAMPEP accreditation. The department continues to evolve and establish itself as a world leader in clinical training and research.

Masters Program

Beginning Fall 2019, Washington University School of Medicine is offering a 2-year Master of Science in Medical Physics degree program. The graduate program will provide a pathway for students with undergraduate degrees in sciences and allied fields to establish themselves as clinician scientists in medical and imaging fields and seek physics residencies.

Students will be exposed to a wide range of radiation technologies and quality control procedures, as well as performing cutting edge research with renowned researchers.

Compared to more traditional medical physics programs, our program has adopted the AAPM's philosophy of Medical Physics 3.0, which is based on developing intelligent tools and designing smart machines for the future of precision medicine.

- The 30 credit hour program is currently built upon accredited certificate program courses
- Applicants with undergraduate degrees in physics, engineering, and related disciplines with strong physics background as per ABR and CAMPEP policies can apply
- The program, in addition to providing core medical physics courses, is designed for the professionals of tomorrow
- The program can be completed either as a clinical project track or with a 6-credit thesis option
- Small classes for this program feature a one-on-one faculty to student experience



For more information, scan the QR code to go directly to our website.

Medical Physics Career Pathways

- Medical Physics Residency Program - designed for individuals with an MS or PhD who seek training in clinical radiation oncology physics in preparation for a clinically-oriented career
- Post-doctoral research opportunities - contact various PIs individually through the department website - www.radonc.wustl.edu

Living in St. Louis

Washington University School of Medicine is located in St. Louis, Missouri, a city that boasts a rich past and an exciting present. The metro area is made up of a diverse collection of neighborhoods and suburbs, each with its own distinctive character. There is truly something for everyone in this hidden midwestern gem.

For more information and great links, go to: www.radonc.wustl.edu/about/living-in-st-louis

