



M.S. in Medical Physics

The M.S. in Medical Physics program combines physics, engineering and biomedical sciences for use in medical imaging, radiation therapy and nuclear medicine. Graduates learn to plan treatments, develop therapeutic techniques and manage imaging systems. Jointly run by the College of Engineering and the Miller School of Medicine, the program qualifies graduates to take the American Board of Radiology (ABR) exam and apply for medical physics residencies.

WHAT TO EXPECT

Master the science

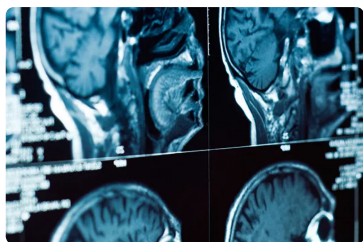
- Apply physics, biology, engineering, and computer science to cancer diagnosis, medical imaging, nuclear medicine, health physics, and radiation therapy through CAMPEP-approved coursework.

Train in the clinic

- Rotate across multiple sites, collaborating with and shadowing physicians and physicists to plan and deliver diagnostic imaging and cancer treatments at Sylvester Comprehensive Cancer Center, South Florida's only National Cancer Institute-designated facility.

Prepare for your career

- Develop new techniques, learn imaging and radiation therapy equipment, communicate with professionals, and prepare for residency and ABR exams.



FAST FACTS



15+
Enrolled
Students



16+
Faculty
Members



One-third
Pursue
Ph.D.s



Two-thirds
Become Medical
Physics Assistants/
Residents



1 of 45
Programs
in the
United States

CAREER PATHS



Healthcare



Academia



Imaging



Consulting



Pharmaceuticals



FACULTY

Biomedical Engineering

- Edward Dauer, M.D.
- Jeffrey Duerk, Ph.D.
- Weizhao Zhao, Ph.D.

Miller School of Medicine

- Elizabeth Bossart, Ph.D.
- Nesrin Dogan, Ph.D.
- Chet Ford, Ph.D.
- Mike Georgiou, Ph.D.
- Chiara La Tessa, Ph.D.
- Olga Lemus, Ph.D.
- Ivaylo Mihaylov, Ph.D.
- Kyle Padgett, Ph.D.
- Pradip Pattany, Ph.D.
- Siamak Pourabdollah Nejad-Davarani, Ph.D.
- Levent Sensoy, Ph.D.
- Junwei Shi, Ph.D.
- Garrett Simpson, Ph.D.



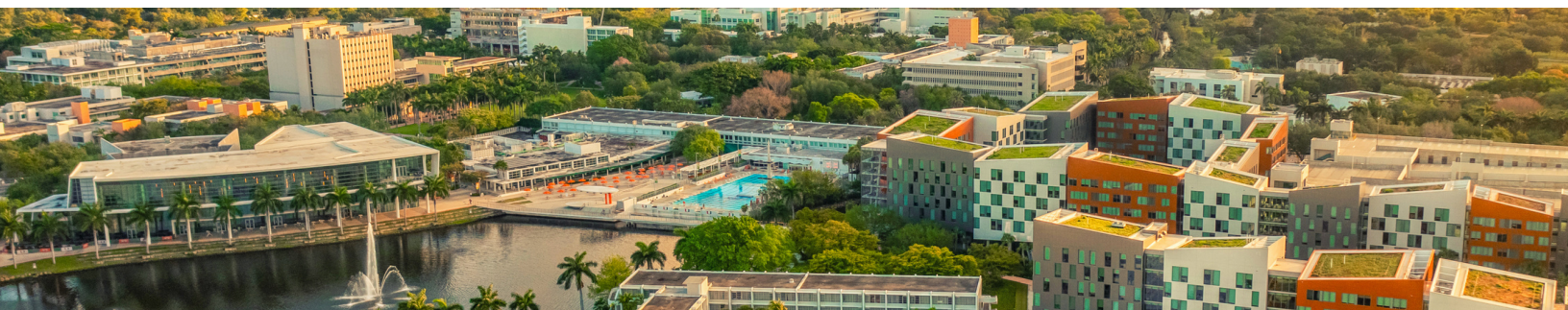
RESEARCH AREAS

- Radiation Therapy Techniques
- Radiobiology
- Medical Imaging Processing and Applications
- Radiation Protection and Safety
- Radiological Physics and Dosimetry



We provide students with the educational and clinical training needed to further their medical physicist career. This CAMPEP-accredited program makes students eligible to apply for medical physics residency programs and register for the American Board of Radiology certification exams."

- Weizhao Zhao, Professor and
Program Director, Biomedical Engineering



For more
information



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