

Imaging Physics Faculty



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Konstantin Sokolov, Ph.D.



Jason Stafford, Ph.D.



Richard Wendt, Ph.D.



Charles Willis, Ph.D.



Joshua Yung, Ph.D.

Imaging Physics Residency Program Hybrid Pathway



THE UNIVERSITY OF TEXAS

**MD Anderson
Cancer Center**

Making Cancer History®

Imaging Physics Department Chair

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Imaging Physics Residency Program

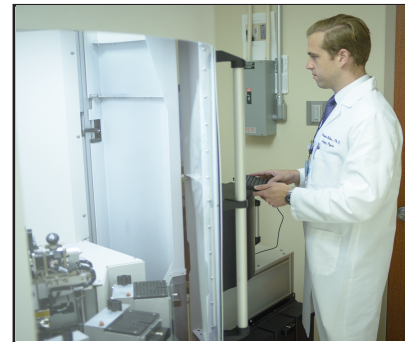
Hybrid Pathway

During a three-year appointment, an MD Anderson Fellow in Medical Physics will receive two years of full-time equivalent clinical experience in our CAMPEP-accredited residency program while performing one full-time equivalent year of research. This will meet the American Board of Radiology requirement for Parts II and III of the examination process while the fellow continues to advance academically. An optional fourth year of full-time research is available.

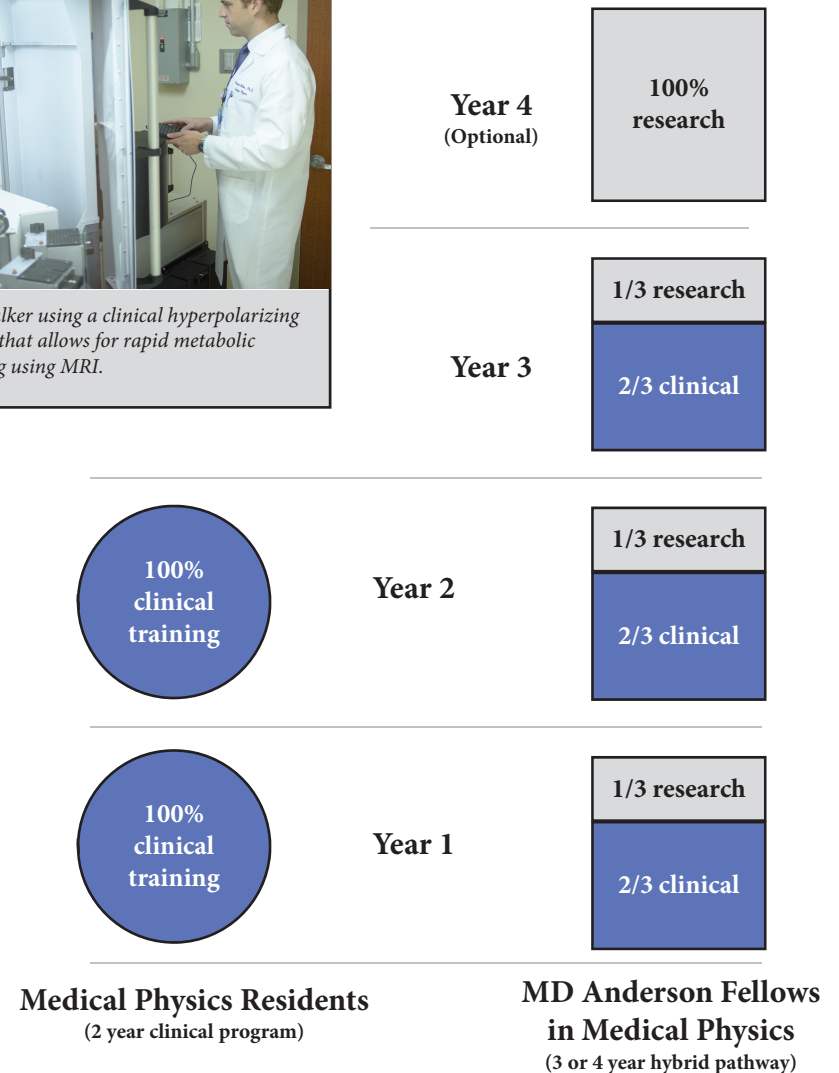
Combined Postdoctoral Research and Residency Training in Imaging Physics

- This is an innovative, intensive, hands-on training opportunity for outstanding Ph.D. graduates in medical physics who want to continue a scholarly research career without compromising their clinical training.
- Highly motivated young scientists who aspire to be among the best academic medical physicists complete their clinical residency training while simultaneously pursuing a focused research program for a period of three or four years.
- The Medical Physics Fellows work with a wide variety of state-of-the-art medical imaging and computational systems. Other support of their training includes attendance at scientific meetings and participation in specialized training opportunities.
- Each fellow is matched with a dedicated member of the MD Anderson faculty who serves as his or her research mentor. This relationship is based upon a mutual interest in an area of research in biomedical imaging.

mdanderson.org/imaging-physics-residency-program



Dr. Walker using a clinical hyperpolarizing system that allows for rapid metabolic imaging using MRI.



Hybrid Pathway

- Total clinical time = 24 months during 3 years
- Fellows receive identical clinical experiences and are expected to achieve high levels of clinical competence
- Fellows have continuous research time throughout the 3 years
- An optional 4th year of full-time research is available