

Medical Physics Postdoctoral Fellow

A postdoctoral position is now available in the Department of Radiation Physics at the University of Texas M. D. Anderson Cancer Center. The main responsibility of the position will be to develop methods for improving and evaluating image quality of cone beam CT. The research involves experimental measurements, image analysis, and software development.

The Department of Radiation Physics provides clinical, research, and education services to one of the largest and most advanced radiation oncology centers in the United States. The clinical section of the Radiation Physics Department currently has over 30 medical physicists to support various specialized treatment procedures. The Division of Radiation Oncology is aggressively pursuing new image-guided treatment planning and delivering techniques, which include cone beam CT-guided radiotherapy and 4D CT image. The postdoctoral position will have a good opportunity to participate in varieties of medical physics training programs. The department participates in CAMPEP-accredited graduate program, medical dosimetry training program, medical physics residency program, and continuing education short courses.

Interested applicants should send their curriculum vitae and the names of three references to the following address. The University of Texas M. D. Anderson Cancer Center is an EEO/AA smoke free environment.

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Requirements:

A Ph.D. in physics, medical physics or engineering is recommended. Good physics, mathematics, and software development skills are essential for the research. Experience in CT image reconstruction is desirable. Applicants with a strong motivation to pursue an academic medical physics career are encouraged to apply.