

Tenure-Track Assistant Professor of Medical Physics

Description: The School of Health Sciences in the College of Health and Human Sciences seeks a diverse pool of applicants for a tenure-track Assistant Professor position in Medical Physics to start Fall semester 2021. We are accepting applications for a radiation therapy physicist or biophysicist to help expand our research activities in the areas of adaptive therapy and personalized medicine. Successful candidates are expected to advance innovative technologies and techniques in the treatment of cancer, where an emphasis is placed on investigating the biological response, in particular an immune response, of new types and applications of radiation. Complementary experience or specialization will be also given strong consideration.

The Purdue Medical Physics (MP) program supports a CAMPEP-accredited academic program, offering M.S. and Ph.D. degrees and B.S. in pre-MP, and a highly diverse and collaborative research environment. Faculty will have access to renowned research and clinical facilities, including Purdue Discover Park, Purdue Veterinary Clinical Sciences and Radiation Oncology, Indiana University Health Medical Center, and affiliated NCI designated cancer centers. These facilities house state-of-the-art IGRT Linacs with VMAT, SBRT capability, Gamma Knife SRS, HDR and LDR brachytherapy, and Radiological facilities in support of small animal, large animal and clinical studies.

The School of Health Sciences is one of nine units in the College of Health & Human Sciences and is home to over 700 undergraduate students and approximately 50 graduate students. Purdue University is one of the nation's leading land grant universities with a full range of academic majors, over 45,000 students, more than 10,000 employees, and ranked among the leading research institutions in the country. Purdue is located in West Lafayette, Indiana within easy driving distance of both Indianapolis and Chicago. The diverse greater Lafayette/West Lafayette community (<http://www.homeofpurdue.com>) has a population of approximately 200,000, and a low cost of living.

Requirements: Applicants must have a Ph.D. in Medical Physics, Biophysics, Physics, or similar field and two years of relevant postdoctoral research experience or equivalent. The successful candidate is expected to develop and maintain an extramurally funded research program, teach courses and clinical internships at the graduate and undergraduate level, and demonstrate a commitment to diversity.

Application Process: Applicants must submit (1) a curriculum vitae, (2) a brief statement of current and future research interests, (3) a Diversity and Inclusion Statement, and (4) the contact information for three references. Interested candidates can apply here:

<https://career8.successfactors.com/sfcareer/jobreqcareer?jobId=12394&company=purdueuniv>. All individuals, including minorities, women, and individuals with disabilities, and veterans are encouraged to apply. Questions about the position can be sent to Dr. Keith Stantz at kstantz@purdue.edu. Applicants are encouraged to apply by February 12th, 2021 for full consideration. The search will continue until the position is filled. A background check is required for employment in this position.

Purdue University's School of Health Sciences is committed to advancing diversity in all areas of faculty effort, including scholarship, instruction, and engagement. Candidates should address at least one of these areas in a separate Diversity and Inclusion Statement, indicating their past experiences, current interests or activities, and/or future goals to promote a climate that values diversity and inclusion.

EOE/AA

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