

Tenure-Track Assistant Professor in 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 Radiation Therapy Medical Physics. While this is a 1.0 FTE employment position at Purdue, the role includes clinical responsibilities (50% effort) in the Radiation Oncology Department at the Indiana University School of Medicine. Purdue and Indiana Universities are looking to expand translational research activities in the areas of radiotherapy and personalized medicine in the treatment of cancer. To foster collaborative research, office/laboratory space on Purdue campus and office/access to clinical facilities at IU campus will be made available. Successful candidates are expected to advance innovative technologies and techniques, new types and applications of radiation and their biological effects eliciting anti-cancer responses. Complementary experience or specialization will be also given strong consideration.

The Medical Physics (MP) programs at Purdue and Indiana University supports a CAMPEP-accredited academic program, offering M.Sc. and Ph.D. degrees and B.Sc. in pre-MP and a highly diverse and collaborative research environment. Faculty will have access to renowned research and clinical facilities, including Purdue Discovery 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.

Requirements: Candidates must have a Ph.D. in medical physics, physics, or related science field. The successful candidate is expected to develop and maintain an extramurally funded research program, perform clinical service in therapeutic radiological physics, teach clinical internship courses at the graduate level, and demonstrate a commitment to diversity and underrepresented or minority groups. The position is competitive with regard to salary, start-up funds, and laboratory space.

Application Process: 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 to <https://careers.purdue.edu/job-invite/17811/>. Please address any questions about this position to Dr. Keith Stantz, Associate Professor and Chair of the Search committee at kstantz@purdue.edu. All applicants are encouraged to apply by March 2, 2022 for full consideration. The search for a candidate will continue until the position has been 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, equity and inclusion.

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.

IU School of Medicine (IUSM) is the largest medical school in the United States. Comprised of five basic science departments and 20 clinical departments, the IUSM campus offers access to and collaboration with some of the nation's top clinical partners as well as premier laboratories and other research facilities. It is home to hundreds of research labs, centers and institutes working collaboratively to advance medical research discoveries in basic science, translate into potential new therapies, and test those therapies in clinical trials. Led by outstanding medical education and research

experts—many of whom rank among the nation’s best physicians and scientists—this urban campus offers advanced medical education in the heart of one of the most affordable, progressive and economically healthy cities in the United States, ranked as one of the best places in the nation to live by *U.S. News & World Report*.

Purdue University is an EOE/AA employer. All individuals, including minorities, women, individuals with disabilities, and veterans are encouraged to apply.