RESEARCH SCIENTIST IN MRI-BASED ARTIFICIAL INTELLIGENCE / MACHINE LEARNING

OVERVIEW
The Ohio State University Department of Radiology is seeking a Research Scientist to assist with the development of Magnetic Resonance Imaging (MRI) more focused on MR Elastography (MRE) with knowledge of artificial intelligence (AI)/machine learning (ML) working on oncological projects. This appointment is for 2 years with a possibility of renewal based on performance. However, each year renewal is based on the performance. The OSU Department of Radiology offers a competitive salary and benefits including educational opportunities through OSU.

The responsibilities of this position will include but are not limited to planning, designing, writing pulse sequences and image analysis for MRE applications. This position will be responsible for animal and human translational research. The candidate will also have the opportunity to collaborate with the Davis Heart and Lung Research Institute (DHLRI), Ross Heart Hospital, James Cancer Center and will work closely with an interdisciplinary team of medical physicists and clinicians.

FACILITIES
The OSU University Hospital’s College of Medicine, Radiology, DHLRI and Ross Heart Hospital are equipped with state-of-the-art imaging facilities that include 1.5T and 3T clinical/research scanners from multiple vendors as well as the capacity to perform advanced animal research.

By joining our staff, you will be part of a prominent Radiology department within a rapidly growing medical system with a strong emphasis on high-quality personalized care and a singular vision: to create the future of medicine, one patient, one discovery at a time.

JOB REQUIREMENTS
PhD in biomedical/electrical engineering or physics or other related fields; background in MR physics with knowledge in pulse sequence programming and considerable experience in AI/ML based techniques; background in medical systems/medical image processing and data acquisition and analysis are required; experience working in commercial software development in a medical technology environment with proficiency in MATLAB, and C/C++ is preferred.

Interested candidates should submit their CV with two references to Arunark Kolipaka, PhD, Associate Professor, Director of Magnetic Resonance Imaging (Technical) at Arunark.Kolipaka@osumc.edu. Qualified candidates should apply online to: www.wexnermedical.osu.edu/careers. Enter keyword or job ID# R88791

The Ohio State University is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual