Artificial Intelligence Faculty - Assistant Professor - Tenure – University of Wisconsin-Madison

The Department of Radiology, University of Wisconsin-Madison School of Medicine & Public Health is seeking an Assistant Professor to lead an independent research program focusing on developing AI applications for medical imaging, will build and grow collaborations between existing campus experts in AI and medical imaging, and serve as a catalyst for the development and translation of novel AI applications in medical imaging by experts in the Departments of Radiology and Medical Physics, as well as experts in other departments and schools across campus and beyond.

The School of Medicine and Public Health has a deep and profound commitment to diversity both as an end in itself but, also as a valuable means for eliminating health disparities. As such, we strongly encourage applications from candidates who foster and promote the values of diversity and inclusion.

Job Requirements

The candidate must have at least 2 years of post-PhD experience in medical imaging and in developing and applying Artificial Intelligence-based applications to medical imaging. Experience in submitting grant applications to funding agencies such as NIH is preferred. PhD in Medical Physics, Biomedical Engineering or related field is required.

To apply, please go to Jobs At UW, www.jobs.wisc.edu, search for Position Vacancy Listing #96534 and select Apply Now. You will be required to upload a cover letter and CV.

This vacancy is being announced simultaneously with Position Vacancy Listing (PVL) #96536; please note that only one vacancy exists. Having two Position Vacancy Listings allows the UW School of Medicine and Public Health to consider candidates with either PhD or MD specialization.

About the Department of Radiology:

The Department of Radiology has a stable force of 104 faculty in ten subspecialty divisions and many of our faculty are world-renowned for their contributions to research and education in radiology. The University of Wisconsin Hospitals and Clinics (UWHC) has invested strategically in our facilities and equipment over the past 10 years, and this commitment is evident throughout the state-of-the-art 80,000 sq. ft. clinical care area that we enjoy at UWHC. Our research faculty collaborate closely with scientists in the Department of Medical Physics in a 60,000 sq. ft. imaging sciences research center, part of the Wisconsin Institutes for Medical Research (WIMR). The imaging research center provides an unprecedented resource that translates innovation from bench to bedside and spans a scope from mouse to man. The center includes advanced MRI, CT, PET, cyclotron,
radiochemistry, digital angiography, ultrasound, and magnetoencephalography systems for small animal, large animal and human research applications. Our industrial partners have provided state-of-the-art imaging equipment and access to research platforms for our scientists to create new imaging methods and applications. The imaging research center provides state-of-the-art laboratory, office, teaching, and interactive space for more than 250 Radiology and Medical Physics researchers.

About Madison:

One of only two cities in North America situated on an isthmus, Madison shares many qualities of other well-known “college towns” like Berkeley and Austin—a creative and educated population—but retains a small-town feel. There are many excellent restaurants, an active theater community, live music and local musicians, more than 250 parks, and good shopping—yet Madison is just minutes from the beautiful rural countryside. National groups and magazines rank Madison highly for being a very bike-friendly city and a great place to raise a family, with a healthy and fit population, great health care and education systems, and an overall high quality of life. Madison was named the “#3 Best Place to Live” (among 100 U.S. cities) for 2019 by Livability.com.

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Unless confidentiality is requested in writing, information regarding the applicants must be released upon request. Finalists cannot be guaranteed confidentiality.

UW-Madison is an equal opportunity, affirmative action employer. We promote excellence through diversity and encourage all qualified individuals to apply.