

## OPEN FACULTY POSITION

# Tenure Track Assistant Professor - Medical Physics

- **Location:** Madison, Wisconsin
- **Department:** SCHOOL OF MEDICINE AND PUBLIC HEALTH/MEDICAL PHYSICS-GEN
- **Category:** Faculty
- **Job Number:** 286196-FA

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### Job Summary:

The Department of Medical Physics is seeking new faculty at the Assistant Professor level with research focused on the invention or discovery and translation of technological aspects of imaging or therapy in medicine. The department has strengths in most aspects of current Medical Physics and seeks those who would complement existing faculty research areas or build out research in new areas that expand the future horizons of the field. We seek applicants with a track record of creativity and outstanding research accomplishments, who have demonstrated potential for competitive extramural funding. The ideal candidate would exhibit a commitment to mentoring graduate students and/or postdoctoral fellows. The successful candidate will join the largest medical physics graduate program in the country and be involved in the graduate teaching mission of the School of Medicine and Public Health.

The University of Wisconsin-Madison is a leading academic institution with an

international reputation for basic, translational and cross-disciplinary research and is located in the heart of one of the country's most livable cities. The Department of Medical Physics is the oldest and largest medical physics PhD program in the country, with an unparalleled network of research infrastructure joint with partners. Active involvement with other aspects of the campus is expected, such as the Departments of Radiology and Human Oncology, the Carbone Cancer Center, the Waisman Center and many others. The institution houses a NIST Accredited Dosimetry Calibration Laboratory, an extensive small animal imaging and irradiation facility, a DOE sponsored cyclotron radionuclide production facility, a set of GE sponsored photon-counting CT, CT/PET, MR/PET, and extensive MRI facilities. There are additionally major research resources in radiotherapy with both TrueBeam and FLASH Mobetron linacs, interventional x-ray fluoroscopy and cone-beam CT, mammography and digital breast tomosynthesis, molecular therapeutics, magnetic resonance, theranostics, optical imaging, ultrasound, biomagnetism and nanotechnology. There is ongoing collaboration with major imaging and therapy companies, including a UW Health major expansion with clinical proton therapy and radioparticle therapy treatments.

The position provides a stable 12-month salary with both salary and cost recovery research incentives, combined expected half-course teaching load within our graduate program. Active engagement within our large PhD program is expected as a supervisor and mentor.

SMPH is committed to being a diverse, equitable, inclusive and anti-racist workplace and is an Equal Employment Opportunity, Affirmative Action employer.

## **Responsibilities:**

The successful candidate will be expected to (1) develop an innovative, independently-funded research program, (2) obtain and maintain extramural funding, (3) mentor students and/or postdoctoral fellows, (4) participate in graduate-level educational courses and laboratories, (5) participate in faculty activities of the tenure home department, the school, and the university, and (6) participate in professional and/or university service.

The successful candidate will teach medical students, residents, and fellows. The successful applicant will participate in administrative and committee work to support the clinical and scholarly missions of UW Health and the School of Medicine and Public Health. An essential part of these duties will be working in a collegial relationship with other faculty members.

## **Institutional Statement on Diversity:**

Diversity is a source of strength, creativity, and innovation for UW-Madison. We value the contributions of each person and respect the profound ways their identity, culture, background, experience, status, abilities, and opinion enrich the university community. We commit ourselves to the pursuit of excellence in teaching, research, outreach, and diversity as inextricably linked goals.

The University of Wisconsin-Madison fulfills its public mission by creating a welcoming and inclusive community for people from every background - people who as students, faculty, and staff serve Wisconsin and the world.

For more information on diversity and inclusion on campus, please visit: [Diversity and Inclusion](#)

## **Education:**

Required

PhD in Science, Technology, Engineering, Math or a closely related field required

### **Qualifications:**

Candidates will have a distinguished academic record and demonstrated potential for competitive extramural funding. Candidates with high-impact discoveries or inventions with the potential to build out new research areas that expand the horizon of medical physics and engineering are highly encouraged. Ability to instruct and mentor doctoral students and/or postdoctoral fellows in leading research and translating discoveries is a major component of the position.

### **Work Type:**

Full Time: 100%

It is anticipated this position requires work be performed in-person, onsite, at a designated campus work location.

### **Appointment Type, Duration:**

Ongoing/Renewable

### **Anticipated Begin Date:**

MAY 01, 2024

### **Salary:**

Negotiable

ANNUAL (12 months)

## **How to Apply:**

The deadline for assuring full consideration is December 1, 2023, however, this position will remain open and applications may be considered until this position is filled. Your application must be received through the Jobs at UW portal to be considered as a candidate. Applications submitted outside of this system will not be considered.

To apply for this position, please click on the "Apply Now" button and use the online UW Job Application system to submit the following:

- Current Curriculum Vitae (CV)
- Cover letter describing your interest in this position and synergy with the department
- Statement of scientific research contributions and goals (maximum of 3 pages)
- Statement of teaching philosophy and service goals (maximum of 1 page)
- List of contact information for three (3) references, including your current/most recent supervisor. References will not be contacted without prior notice.
- [Optional] A single PDF document containing up to 5 sample publications.

The Department of Medical Physics and the University of Wisconsin-Madison are committed to fostering diversity.

Employment will require an institutional reference check regarding any

misconduct. To be considered, applicants must upload a signed 'Authorization to Release Information' form as part of the application. The authorization form and a definition of 'misconduct' can be found here: <https://hr.wisc.edu/institutional-reference-check/>

**Contact:**

Gabriella Fisk

[gfisk@wisc.edu](mailto:gfisk@wisc.edu)

608-890-0034

Relay Access (WTRS): 7-1-1. See [RELAY SERVICE](#) for further information.

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**Official Title:**

Assistant Professor(FA040)

**Department(s):**

A53-MEDICAL SCHOOL/MED PHYSICS/MED PHYSIC

**Employment Class:**

Faculty

**Job Number:**

286196-FA

**The University of Wisconsin-Madison is an Equal Opportunity and Affirmative Action Employer.**

Qualified applicants will receive consideration for employment without regard to, including but not limited to, race, color, religion, sex, sexual orientation, gender identity, national origin, age, pregnancy, disability, or status as a protected veteran and other bases as defined by federal regulations and UW System policies. We promote excellence through diversity and encourage all qualified individuals to apply.

If you need to request an accommodation because of a disability, you can find information about how to make a request at the following website: <https://employeedisabilities.wisc.edu/disability-accommodation-information-for-applicants/>

Employment will require a criminal background check. It will also require you and your references to answer questions regarding sexual violence and sexual harassment.

The University of Wisconsin System will not reveal the identities of applicants who request confidentiality in writing, except that the identity of the successful candidate will be released. See Wis. Stat. sec. 19.36(7).

The [Annual Security and Fire Safety Report](#) contains current campus safety and disciplinary policies, crime statistics for the previous 3 calendar years, and on-campus student housing fire safety policies and fire statistics for the previous 3 calendar years. UW-Madison will provide a paper copy upon request; please contact the [University of Wisconsin Police Department](#).