



Business Title: **Director of the Wisconsin Icecube Particle
Astrophysics Center**

Official title: Academic Prog Director(CC004)

Qualifications:

Candidate must possess credentials that meet the requirements for a tenured professor at UW-Madison. The WIPAC Director will have a concurrent faculty appointment in an appropriate academic department.

A minimum of 5 years of experience in a science leadership role is required.

Experience participating in the management of a large-scale international project is desirable.

Job Summary:

The successful candidate will serve as Director of the Wisconsin IceCube Particle Astrophysics Center (WIPAC), a Center within the Office of the Vice Chancellor for Research and Graduate Education.

This position reports to the Vice Chancellor for Research and Graduate Education.

WIPAC's three largest projects center on IceCube Neutrino Observatory, which transformed a cubic kilometer of Antarctic ice at the South Pole into a neutrino detector. Under cooperative agreements with the National Science Foundation, WIPAC manages and operates the IceCube Neutrino Observatory and supports the research of the international IceCube Collaboration at more than 50 institutions worldwide. WIPAC also leads the IceCube Upgrade project to add seven more densely instrumented strings near the center of the existing array. The IceCube Upgrade project, scheduled for completion in 2026, will dramatically enhance the low-energy sensitivity of the facility, enabling precision measurements of neutrino oscillation parameters. It will also serve as a research and development testbed for new devices and provide measurements to improve the characterization of the ice, thus enhancing the fidelity of new and archived data. WIPAC also plays a significant role in radio detection of neutrinos (Radio Neutrino Observatory-Greenland, Askaran Radio Array), gamma-ray astronomy and astrophysics (High-Altitude Water Cherenkov experiment, Cherenkov Telescope Array) as well as several smaller internally and externally funded projects.

The WIPAC director will oversee the administration and management of WIPAC and will foster an effective and productive research environment at WIPAC that builds on collegial and supportive working relationships with a diverse community of students, staff and faculty employed the center, with collaborating institutions and with other partners. A particular goal in the coming years will be the development of IceCube-Gen2, the next-generation enhancement that will increase the instrumented volume of ice by roughly a factor of 10. The WIPAC director will have the opportunity to support and facilitate the development of IceCube-Gen2, coordinating the efforts of WIPAC staff and engaging with internal and external stakeholders.

The successful candidate will hold a 50% faculty appointment in the Department of Physics or Astronomy concurrent with the 50% appointment Academic Program Director. Candidates must have a proven track record of innovation and high-impact research and are expected to build a vigorous, well-funded research program with an international profile. The candidate will be expected to perform teaching at all levels, both as part of their research program and in the classroom. The candidate will contribute through service to the department, college, university and academic community.

Faculty and scientists at WIPAC collaborate closely with the Department of Physics and Astronomy forming together a vibrant astroparticle physics community.

Responsibilities:



See Job Summary

Standard Summary: CC004 Academic Prog Director

Responsible for directing the activities of a major academic research program, institute, or department. While an Academic Program Director may report to an Academic Administrator (e.g., Chancellor, Dean) regarding budgetary or other administrative matters, s/he functions independently regarding other matters affecting the direction of the research program or institute. In larger departments, institutes or academic research programs, an Academic Program Director may supervise an Administrative Officer, professional academic staff and/or research academic staff. (Limited with concurrent faculty appointment)

Education:

Required
PhD

in particle physics, astronomy, or related scientific field is required.

Additional Information:

The deadline for ensuring full consideration is December 4, 2023, however the position will remain open and applications received after than date may be considered until the position is filled.

The successful applicant will be responsible for ensuring eligibility for employment in the United States on or before the effective date of the appointment. University sponsorship is not available for this position. Please be aware that successful applicants are responsible for ensuring their continuous eligibility to work in the United States (i.e. a citizen or national of the United States, a lawful permanent resident, a foreign national authorized to work in the United States without the need of employer sponsorship) on or before the effective date of appointment. This position is an ongoing position that will require continuous work eligibility. If you are selected for this position, you will have to provide proof of work authorization and eligibility to work.

How to Apply:

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)
 - Publications list
 - Cover letter describing your interest in this position
 - Statement of research contributions and goals
 - Statement of teaching philosophy and service goals
 - List of contact information for three references, including your most current/most recent supervisor.
- References will not be contacted without prior notice.

To ensure consideration, application must be received by: December 4, 2023

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

The University of Wisconsin is an Equal Opportunity and Affirmative Action Employer. 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 (<https://jobs.wisc.edu/asr>) 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.

Job Group: Category C

Job Subgroup: Category C

FLSA Status: Exempt

Employee class: Limited Appointee

Department(s): A349300 / VCRGE/WIPAC

Full time salary rate: Minimum \$150,000 ACADEMIC (9 months)
Depending on Qualifications

Salary detail: Employees in this position can expect to receive benefits such as generous vacation, holidays, and paid time off; competitive insurances and savings accounts; retirement benefits.

Appointment percent: 50%

Anticipated begin date: July 1, 2024

Number of positions: 1

Department Contact:

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For more information, please visit:
University of Wisconsin-Madison: <http://www.wisc.edu>
Office of Human Resources: <http://www.hr.wisc.edu>
Jobs at UW: <http://jobs.wisc.edu>