

Tenure-Track Assistant Professor Position in Experimental Physics (Neutron Physics/Medical Physics), or Related Field

Position # 002346TT-2022-PHY

The University of Windsor's Department of Physics in the Faculty of Science invites applications for a tenure-track faculty position at the rank of Assistant Professor, in the area Experimental Physics (Neutron Physics/Medical Physics), or related field, commencing July 1, 2022. This position is subject to final budgetary approval.

The Department of Physics has strong research programs in the areas of theoretical and experimental Biomedical Physics, Materials Science, and Atomic, Molecular and Optical Physics. Active research collaborations exist within the Department, with other units at the University, and with external organizations such as the Windsor Regional Hospital. For more information about the Department of Physics, visit our website at <http://www.uwindsor.ca/physics>.

The successful candidate will lead a vibrant, research program in the area of experimental physics with preferred specialization in applications of neutron physics to medical physics/cancer therapies, neutron beam technology/dosimetry, clean energy technologies, or non-destructive testing for materials analysis. The successful candidate is expected to support an upcoming CFI application devoted to building a future for Canadian neutron scattering centered on activities at the University of Windsor and to independently obtain external funding to support a research program. The successful candidate will play a key role in supporting our B.Sc., M.Sc., and Ph.D. programs by teaching within the full range of undergraduate and graduate physics courses, supervising graduate and undergraduate research projects, and contributing significantly to outreach and undergraduate/graduate recruitment efforts.

The successful candidate will possess a Ph.D. in Physics, supported by postdoctoral experience. A track record of peer-reviewed publications in the proposed area of research and a strong commitment to growth in teaching expertise are essential. The successful candidate will have excellent interpersonal and communication skills. Preference will be given to a candidate working in an area of experimental physics that supports and demonstrate synergies with the research strengths of the Department and other researchers in the Faculty of Science, particularly in neutron physics. A demonstrated ability to apply for and/or secure external funding to support research activities will be considered an asset.

Application Requirements

- a letter of application, including a statement of citizenship/immigration status;
- a detailed and current curriculum vitae;
- a two (2) page outline of research interests and accomplishments;
- samples of scholarly writing, including (if applicable) clear indications of your contribution to any jointly authored pieces;
- a teaching dossier or portfolio demonstrating potential for or evidence of teaching effectiveness and excellence that will include sample course syllabi/outlines, teaching evaluations, and a statement of teaching philosophy and interests (resources and templates for completing a teaching dossier can be found at <https://www.uwindsor.ca/ctl/502/teaching-dossiers>);
- graduate transcripts; and
- three (3) current letters of reference forwarded directly by the referees to the Department Head at the email address listed below.

Only those applicants selected for interview will be contacted. The short-listed candidates may be invited to provide further information in support of their applications. To ensure full consideration, complete an **online application** (<http://www.uwindsor.ca/facultypositions>) found on the job advertisement, and ensure letters of reference are submitted by the deadline date of **November 15, 2021**. Applications may be considered after the deadline date; however, acceptance of late submissions is at the discretion of the appointments committee.

Questions and Reference Letters to be sent to:
Dr. Steven Rehse, Head, Department of Physics,
University of Windsor, Email: physics@uwindsor.ca

The University of Windsor is a comprehensive research and teaching institution with more than 16,000 students. We are a welcoming community committed to equity, diversity, inclusion, and accessibility in our teaching, learning, and work environments. In pursuit of the University's Employment Equity Plan, members from the designated groups (women, Indigenous/Aboriginal (First Nations, Metis, Inuit) persons, racialized persons/visible minorities, persons with disabilities, and persons of a minority sexual orientation and/or gender identity) are encouraged to apply and to self-identify. If you need an accommodation for any part of the application and hiring process, please notify the Faculty Recruitment Coordinator (recruit@uwindsor.ca). Should you require further information on accommodation, please visit the website of the Office of Human Rights, Equity & Accessibility (<http://www.uwindsor.ca/ohrea>). All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.