

Two Faculty Positions in Theoretical Plasma Physics

Department of Physics and Astronomy

West Virginia University

The Department of Physics and Astronomy at West Virginia University invites applications for up to two faculty appointments in plasma physics at all Professorial ranks. The preferred start date is August 16, 2025. Qualified candidates in any area of theoretical, computational, or observational plasma physics are encouraged to apply. The following research areas would complement existing strengths within the department: (1) space or solar plasma physics theory/ simulation or observation/data analysis; (2) high energy density physics theory/ simulation; and (3) low temperature plasma physics theory/simulation.

Responsibilities:

The applicant is expected to establish an externally funded, nationally competitive research program. Teaching responsibilities will normally include one lecture course per semester in core areas of the physics curriculum (1-1 teaching load) and one course per semester equivalent associated with advising undergraduate and graduate students in research. The candidate will also be expected to serve the community, university, and profession.

Professional Qualifications:

The Department welcomes applications from all qualified professionals in theoretical plasma physics. Minimum requirements are a Ph.D., or equivalent, in physics or a related field with a commitment and ability to lead an independent research program and to excel in teaching physics courses at the undergraduate and graduate levels. The successful candidate will present a record of research productivity as evidenced by journal publications, technical innovation, scientific collaborations, and the potential to develop an externally funded, nationally competitive, research program. For applicants at the associate professor level, a significant record of external funding is expected.

Application:

To apply, please visit <https://careers.wvu.edu/career-opportunities> (position 25371) and upload (1) a cover letter addressed to the Plasma Physics Search Committee, (2) a curriculum vitae including a complete list of publications and relevant teaching experience, (3) a research plan for the first five years including an estimate of research group size and equipment start-up costs, and (4) a statement of philosophy of instruction and any relevant supervisory experience. Please arrange for three letters of recommendation to be sent to plasmasearch@mail.wvu.edu. Review of applications will begin November 15, 2024, and will continue until the position is filled. For additional information, please contact Earl Scime earl.scime@mail.wvu.edu.

WVU is a comprehensive land grant university and WVU's Carnegie Classification is R1 ("Doctoral Universities - Very High Research Activity"). Morgantown is centrally located and regularly makes "Best Place to Live" lists because of its good schools, excellent health care, low unemployment rate, low crime rate, and abundant recreational opportunities. WVU provides faculty members with a supportive environment for developing a visible and productive career (<https://talentandculture.wvu.edu/new-employees>) and commits to assist in partner employment.

WVU is an Equal Employment Opportunity/Affirmative Action Employer and welcomes applications from all qualified individuals, including minorities, women and gender diverse individuals, individuals with disabilities, and veterans.

