

Tenure-Track Faculty Position in Experimental Plasma Physics

West Virginia University

(<http://physics.wvu.edu>)

The Department of Physics at West Virginia University invites applications for a tenure-track appointment in experimental plasma physics at the assistant or associate professor rank. Applications proposing an integrated experimental and theory research program will also be considered. The preferred start date is August 2013. Qualified candidates in any area of experimental plasma physics are encouraged to apply. The following research areas are especially encouraged: (1) low temperature plasma physics,* (2) satellite instrumentation for solar or space plasma physics,** and (3) laser-plasma interactions.*** 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 publication record and scientific collaborations, and potential to develop an externally funded, nationally competitive, research program. For applicants at the associate professor level, significant active external funding is expected. The current plasma faculty at WVU consists of three professors and three research professors. The largest research areas in the WVU Physics Department (physics.wvu.edu) are condensed matter physics, astrophysics, and plasma physics. The entire Department moved into a new facility with state-of-the-art research laboratories in 2012.

To apply, send (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 next five years including an estimate of start-up costs, and (4) a statement of teaching philosophy and experience. Send these documents in a single pdf file to plasmasearch@mail.wvu.edu with the subject line Plasma Search. Please arrange for three letters of recommendation to be sent to the same electronic address. The deadline for receipt of all materials is March 2, 2013. West Virginia University is an affirmative action, equal opportunity employer and a Recipient of an NSF ADVANCE Award for Gender Equity. Applications are strongly encouraged from women, minorities, individuals with disabilities and covered veterans. The Department and College are committed to assisting dual career couples.

*[http://science.energy.gov/~media/fes/pdf/workshop-reports/Low temp plasma workshop report sept 08.pdf](http://science.energy.gov/~media/fes/pdf/workshop-reports/Low_temp_plasma_workshop_report_sept_08.pdf)

** http://www.nap.edu/catalog.php?record_id=13060

***[http://science.energy.gov/~media/fes/pdf/workshop-reports/Hedlp brn workshop report oct 2010.pdf](http://science.energy.gov/~media/fes/pdf/workshop-reports/Hedlp_brn_workshop_report_oct_2010.pdf)