

Immediate Availability - Three Postdoctoral Positions

The C. Eugene Bennett Department of Chemistry at West Virginia University announces the immediate availability of three postdoctoral research positions in areas as follows:

Radio Frequency-induced Effects on Heterogeneous Catalysis

The ideal candidate will have demonstrated expertise and understanding of the interactions and effects of high frequency electromagnetic radiation on dielectric materials. A Ph.D. in Chemistry, Physics, Engineering or other appropriate field is essential. Funding for this position has been provided by the University Research Initiative with the National Energy Technology Laboratory, a U.S. Department of Energy facility. The position will require the researcher to spend significant time at the NETL site in Morgantown, WV. U. S. citizenship not required, but the appointment must be approved by the NETL security office.

Aerogel Materials for Applications in Advanced Energy Systems

The ideal candidate will have demonstrated experience in the preparation and characterization of nanomaterials. A Ph.D. in Chemistry, Physics, Engineering or other appropriate field is essential. Funding for this position has been provided by the University Research Initiative with the National Energy Technology Laboratory, a U.S. Department of Energy facility. The position will require the researcher to spend significant time at the NETL site in Morgantown, WV. U. S. citizenship not required, but the appointment must be approved by the NETL security office.

Novel Microfluidic Separation Technologies

The successful applicant will be skilled in the design and implementation of microfluidic devices for chemical, biochemical, and biological applications. Desirable skills include microfluidic system fabrication using cleanroom techniques, microscopic validation of system function, and integration of electronic, optical or spectroscopic control for autonomous systems. Experience with protein purification, cell culture techniques, and/or nanomaterial synthesis and characterization are all highly desirable characteristics of the successful applicant. A Ph.D. in Chemistry, Physics, Engineering or other appropriate field is essential. This position is supported by the WVNano Initiative and the WVU Research Corporation Program to Stimulate Competitive Research.

Review of applications is ongoing and will continue until the position is filled. Women and minorities are strongly encouraged to apply. Applicants should apply by electronic mail: send a PDF document describing qualifications, a CV including a list of publications, and arrange for at least three electronic letters of reference to be sent immediately to Dr. R. Lloyd Carroll, Department of Chemistry, WVU at lloyd.carroll@mail.wvu.edu. Please include “RF”, “Aerogels”, or “Separation” in the subject of the email. WVU is an EEO/AA employer.

Info:

West Virginia University is a comprehensive land-grant research institution with over 27,000 students in 113 degrees programs, and a Carnegie Class I research standing. The Department of Chemistry consists of 18 tenured and tenure-track professors, 11 postdoctoral researchers, and 62 graduate students. WVU is located in Morgantown, in north central West Virginia, on the banks of the Monongahela River. For more information on the Department, the University, or Morgantown, please see <http://www.wvu.edu/~chemistry/>, <http://www.wvu.edu> and <http://www.morgantown.com>