West Virginia University

EBERLY COLLEGE OF ARTS AND SCIENCES

Postdoctoral Position in Experimental Condensed Matter Physics at West Virginia University. A postdoc position is available to study interfaces and surfaces of complex oxide thin films and other complex systems. The minimum requirements are a Ph.D. in Physics, Materials Science or a related area, good oral and written communication skills, and the ability to work well with others. Familiarity with one or more of the following topics is required: nonlinear optics (SHG and/or MOKE), (anti-)ferromagnetism, ferroelectricity, PLD growth of complex oxides and interface characterization. The preferred start date is January 1, 2013. The position may be renewed in annualized increments for up to three years, contingent upon performance and funding. If interested, please send your CV and have three letters of reference emailed to Professor Mikel Holcomb at mikel.holcomb@mail.wvu.edu with "Postdoc Application" in the subject line. Review of applications will begin October 15, 2012 and continue until the position is filled. Please refer to physics.wvu.edu for info about the available facilities and research in our group. Salary depends on experience ($48,000-49,000). WVU is an Affirmative Action/Equal Opportunity employer and recipient of an NSF ADVANCE award for gender equity.

About West Virginia University

West Virginia University's primary mission is to provide high-quality programs of instruction at the undergraduate, graduate, and professional levels; to stimulate and foster both basic and applied research and scholarship; to engage in and encourage other creative and artistic work; and to bring the resources of the University to all segments of society through continuing education, extension, and public service activities. Opportunities to conduct pioneering research and scholarship help attract high quality faculty and students.

Morgantown is the home to West Virginia University, the largest institution of higher education in the state with an annual enrollment of around 30,000 students; and is the medical, cultural, and commercial hub of the region. Located about hour and a half south of Pittsburgh and three hours from DC and Baltimore, Morgantown (with a population around 100,000) combines the best of small town and big town conveniences and activities.

Our new Center for Energy Efficient Electronics teams four WVU experts (Holcomb, Lederman, Bristow and theorist Stanescu) to build expertise and a collaborative track record in the study of materials and tools required to fabricate next generation electronics which are smaller, faster, and most importantly, more energy efficient than currently available technology. This center builds upon a larger strategy by the Physics Department at WVU to build upon existing strengths in the area of electronic and photonic materials. Moreover, a new building with state-of-the-art laboratories representing an investment of over $30M opened in the fall of 2011. This effort by WVU is designed to build a strong, dynamic cluster.