



AUBURN UNIVERSITY

COLLEGE OF SCIENCES  
AND MATHEMATICS

## Post-doctoral research position in the Physics Department at Auburn University

The **plasma physics** and **atomic physics** groups in the Physics Department at **Auburn University** invite applications for a post-doctoral research fellow to support the development of emission spectroscopy-based diagnostics for low temperature plasmas. This project is part of the NSF EPSCoR Connecting the Plasma University to Alabama (CPU2AL) research activity – a statewide research project linking nine institutions in basic and applied plasma science (<https://www.uah.edu/cpu2al>). Our current research activities have focused on a benchmark study that has characterized the plasma parameters in a linear plasma device, characterizing nanoparticle growth in the Magnetized Dusty Plasma Experiment – a high magnetic field, multi-user, basic plasma research facility at Auburn University (<http://aub.ie/mpr1>), and characterizing plasma processes during the fabrication of ultrahard materials. We seek to extend this work to other plasma devices throughout the CPU2AL collaboration. The contact persons for this activity are Prof. Edward Thomas, Jr. ([etjr@auburn.edu](mailto:etjr@auburn.edu)), Prof. David Maurer and Prof. Stuart Loch ([lochstu@auburn.edu](mailto:lochstu@auburn.edu)).

Applications are to be submitted to the College of Sciences and Mathematics Postdoc Pool 2019/2020.

The **College of Sciences and Mathematics** at Auburn University located in Auburn AL (<http://www.auburn.edu/cosam>) is seeking candidates for the position of postdoctoral fellow in the sciences and mathematics. From time-to-time, postdoctoral positions become available under a variety of research grants and projects in the college. We are seeking applications from individuals with a Ph.D. in any one area such as: biology, chemistry, geosciences, mathematics, statistics, physics or related fields. The candidates selected for these positions must be able to meet eligibility requirements to work in the United States at the time appointment is scheduled to begin and continue working legally for the proposed term of employment; and must possess excellent written and interpersonal communication skills. The positions are available for a minimum of one year as full-time 12 month appointments, with renewal possible based on performance, need, and/or funding for a maximum of four years. These are non-tenure track positions. Salary will be commensurate with education and experience. Review of applications will begin after July 10th, 2019 and continue throughout the year as positions become available. Please upload curriculum vitae, statement of research interests, along with a list of three references and contact information at: <http://aufacultypositions.peopleadmin.com/postings/3681>

**Auburn University is an EEO/Vet/Disability Employer and committed to building an inclusive and diverse community.**