

Postdoctoral Researcher Position with ToF-SIMS Expertise Rice University, Houston, TX

The Rice University School of Engineering and School of Natural Sciences seeks to fill a postdoctoral research position with an emphasis in Time-of-Flight Secondary Ion Mass Spectrometry (ToF-SIMS). Rice University was awarded a new ToF-SIMS instrument for materials analysis by the National Science Foundation (award # 1626418, PI: Rafael Verduzco), and the successful candidate will work with Prof. Verduzco and users across the university to establish a center for SIMS analysis in the Houston area. This will be the only ToF-SIMS instrument in the Gulf Coast area with advanced capabilities that include a gas-cluster source, multiple-ion beams for depth profiling and analysis, and an integrated Scanning Probe Microscope. This job announcement seeks a motivated individual who can lead, manage, teach and grow this advanced facility

The position and instrument will be part of the Shared Equipment Authority (www.sea.rice.edu) at Rice University which includes 13 permanent staff for operating and maintaining instrumentation across campus and providing training to users. The position has guaranteed funding for 3 years and a possibility for permanent, full time support as a full-time staff of the Shared Equipment Authority. The position requires a PhD and extensive experience with ToF-SIMS. Interested applicants can submit their applications through the RiceWorks portal (<https://jobs.rice.edu/postings/9859>). Those with questions about the position should contact Professor Rafael Verduzco (rafaelv@rice.edu, 713-232-9433, <http://polymers.rice.edu>) for more information. Expected start date is May 2018.