Postdoctoral Researcher Position on in-situ TEM Studies

One postdoctoral researcher position is available at the Department of Materials Science and Engineering at Iowa State University. The main research task is to investigate the nanoscale mechanisms of dielectric breakdown in oxide thin films using the electric biasing in situ TEM technique. The researcher is expected to use a Focused Ion Beam (FIB) system to prepare specimens, to perform in situ TEM experiments with a special specimen holder, to analyze data, and to write manuscripts for publication. E-beam facility access is available at the on-campus US-DOE Ames Lab Sensitive Instrument Facility (http://sif.ameslab.gov). Candidates must have a Ph.D. degree in Materials Science or related fields and extensive TEM experience. Selected applicant may start immediately. Inquiries and applications should be sent to Prof. Xiaoli Tan (Phone: 515-294-3355; email: xtan@iastate.edu).

Iowa State University is an Equal Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability, or protected Veteran status and will not be discriminated against.