Virginia Tech Department of Geosciences
Senior Project Associate for Secondary Ion Probe and Electron Microprobe

The Department of Geosciences, in the College of Science at Virginia Tech, invites applications for the position of senior project associate for the secondary ion probe (SIMS) and electron microprobe (EMP). Virginia Tech facilities include a Cameca IMS 7f GEO SIMS and a Cameca SX50 EMP. The responsibilities of the manager include: instrument maintenance and repair, analytical protocol development and software update, data collection, training and support of microprobe users and scheduling of users.

The successful applicant must have a Ph.D. in geosciences, materials science or related discipline. He/she must have communication and interpersonal skills as well as demonstrated technological expertise related with SIMS and/or EMP, demonstrated knowledge of both computer software and hardware related to controlling the SIMS and/or EMP. Preferences will be given to those candidates who have experience working with students and/or other users in a training capacity of these instruments; experience with SIMS for volatile (H, C, S, Cl, etc.) determination in minerals and melt inclusions; experience with EMP for chemical analyses of minerals and melt inclusions; knowledge of mineralogy, petrology, and material science.

Interested candidates should submit a cover letter, current CV, and list of three professional references upon applying through www.jobs.vt.edu posting number SR0160046 or via the link: https://listings.jobs.vt.edu/postings/65345. Review of applications will begin on May 6, 2016 and will continue until the position is filled. If you are an individual with a disability and desire an accommodation, please contact Ms. Sharon Collins (sharon62@vt.edu).

Inquiries regarding the position should be directed to the search chair, Dr. Esteban Gazel, (gazel@vt.edu); Department of Geosciences, Virginia Tech, Blacksburg, VA 24061, USA; (540) 231-2296. Further information about the Department is available at www.geos.vt.edu/.

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