

Virginia Tech Department of Geosciences Senior Project Associate for Secondary Ion Probe (SIMS)

The Department of Geosciences seeks a senior project associate to oversee the running of the secondary ion probe (SIMS) which is used for chemical analyses of natural and synthetic materials (minerals, glasses, alloys, superconductors, etc.). Virginia Tech facilities include a Cameca IMS 7f GEO SIMS. The responsibilities of the project associate include: a) instrument maintenance; b) analytical protocol development and software update; c) data collection, d) training and support of ion-probe users.

Applications will be considered from candidates who have a PhD in geosciences, materials science or related discipline, as well as candidates who have a MSc and significant relevant experience. The successful candidate must have technological experience and expertise with SIMS instrumentation, including working knowledge of electronics and vacuum systems. He/she will also have demonstrated knowledge of both computer software and hardware related to the SIMS. The successful candidate must also have good communication and interpersonal skills and the ability to work as part of a team. Preferences will be given to candidates with experience working with students and/or other users in a training capacity, experience with SIMS for volatile (H, C, S, Cl, etc.) determination in minerals and melt inclusions, and/or knowledge of mineralogy, petrology, and material science.

Interested candidates should submit a cover letter, current CV, and list of three professional references to www.jobs.vt.edu posting number SR0160046 or via the link: <https://listings.jobs.vt.edu/postings/65345>. Review of applications will begin on **November 28, 2016** and will continue until the position is filled.

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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