

Electron Microprobe Operator/ Laboratory Manager

University of Oklahoma

The Office of the Vice President of Research supports an electron microanalysis laboratory built around a Cameca SX100 microprobe as a core research facility of the University (<https://ors.ou.edu/Microprobe/OUEMPLHome.html>). This includes a fully funded, twelve-month annual staff position as Electron Microprobe Operator/Laboratory Manager. The staff appointment level is Research Scientist II with a starting salary of \$55K-\$60K. This position is open until filled.

Duties include daily operation of the microprobe and sample preparation for all clients, daily lab maintenance, periodic instrument maintenance (filament, roughing vacuum, etc.), coordinating major service with Cameca engineers, scheduling and bookkeeping of usage by clients, billing and payments, and an annual summary report of laboratory activity. The appointment permits the operator to utilize the electron microprobe for research and personal use. Adjunct professor status and teaching opportunities in the School of Geology & Geophysics are possible for individuals who hold a Ph.D.

Qualifications for the position include (1) a Master's or Ph.D. degree in geosciences or a relevant discipline, (2) experience with designing analytical procedures for quantitative EMPA, (3) knowledge of the chemistry of major and minor elements in the common rock-forming minerals, and (4) experience with EMP operation including basic maintenance. Applicants must submit (1) a cover letter that includes career goals and prior experience in electron microprobe analysis, (2) a CV that includes employment history and responsibilities, (3) transcripts of baccalaureate and master's degree courses, and (4) two letters of recommendation from individuals who are qualified to comment on the suitability of the applicant for the position. Letters should be sent by the recommenders directly to Salina Wall (salinawall@ou.edu) with the subject line "EMPL operator letter".

In 2014, OU became the first public institution ever to rank #1 nationally in the recruitment of National Merit Scholars. The 277-acre Research Campus in Norman was named the No.1 research campus in the nation by the Association of Research Parks in 2013. Norman is a culturally rich and vibrant town located just outside Oklahoma City. With outstanding schools, amenities, and a low cost of living, Norman is a perennial contender on the "Best Places to Live" rankings. Visit soonerway.ou.edu for more information.

Applicants must submit an ONLINE application at <https://jobs.ou.edu> for job requisition number 173902. Computers and personal assistance are available at the Office of Human Resources, 905 Asp, Rm.205, Norman, OK 73069.

The University of Oklahoma is an Affirmative Action, Equal Opportunity Employer. Women and minorities are encouraged to apply. Protected veterans and individuals with disabilities who meet the requirements of the position are encouraged to apply.