



**Postdoctoral Position in Cosmochemistry
WiscSIMS Laboratory,
Department of Geoscience,
University of Wisconsin-Madison**

A Postdoctoral Research Associate position is currently available in the Department of Geoscience, University of Wisconsin-Madison for NASA-funded Cosmochemical research to perform in-situ isotope analyses of primitive meteorites using the IMS-1280 in the WiscSIMS Laboratory (<http://www.geology.wisc.edu/~wiscsims/>).

The WiscSIMS laboratory is capable of obtaining high precision oxygen three isotope analyses from $\sim 15\mu\text{m}$ spots ($\pm 0.3\%$, 2SD) down to $1\text{-}2\mu\text{m}$ spots ($\pm 1\text{-}2\%$, 2SD). High precision magnesium isotope analyses are also carried out for Al-Mg chronology of extraterrestrial objects. Current cosmochemical research activities are shown at: (<http://geoscience.wisc.edu/geoscience/people/staff/noriko-kita/research/>).

Primary responsibilities will include petrographic description of chondrules in primitive meteorites, SIMS oxygen and magnesium isotope analyses, publishing results to peer-reviewed journal articles, and assisting external SIMS users for collaborative research. Experience on electron microscopy (EPMA and SEM) is required. Preference will be given to those who have experience with SIMS or other isotope ratio mass-spectrometry, stable isotope geochemistry, geochronology and igneous petrology. Previous experience with studying extraterrestrial materials is preferred, but not required. The position is available for one year and may be renewable maximum three years based on performance.

Please send a letter of interest, CV, and the names and contact information of 3 references to Dr. Noriko Kita (noriko@geology.wisc.edu).

Evaluation of applications will begin immediately and will continue until the position is filled. UW is an equal opportunity employer.

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Department of Geoscience

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