



**Postdoctoral Position for Chondrules and IDP Studies,
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 chondrules and Interplanetary Dust Particles 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 ~10 μm spots ($\pm 0.3\%$, 2SD) down to 1-2 μm spots ($\pm 1-2\%$, 2SD). High precision magnesium isotope analyses are also carried out for Al-Mg chronology of extraterrestrial objects. We recently installed a high brightness oxygen primary ion source, which improved analytical capability of SIMS Mg isotope analyses. Current cosmochemical research activities are shown at: <http://geoscience.wisc.edu/geoscience/people/staff/scientist/name/noriko-kita/>

Primary responsibilities will include conducting Al-Mg chronology of chondrules in primitive chondrites, oxygen isotope studies of Giant Cluster IDP, development of high precision Mg isotope analysis techniques, publishing results, and assisting collaborative research with external users visiting the WiscSIMS laboratory. Experiences with electron microscopy (EPMA or SEM) and SIMS or other multi-collector isotope ratios mass spectrometry are required. Preference will be given to those who have experiences in high precision cosmo- or geochronology. Previous experience with studying extraterrestrial materials is preferred, but not required. This position is available for one year and may be renewable to maximum three years depending on the availability of fund.

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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