

Postdoctoral position in Earth and planetary interiors at Northwestern University

One of the top-ranked universities in the country, Northwestern University combines innovative teaching and pioneering research in a highly collaborative environment that transcends traditional academic boundaries. Northwestern provides students, faculty and staff with exceptional opportunities for intellectual, personal, and professional growth.

Applications are invited for a postdoctoral position in Earth and planetary interiors at Northwestern University, Department of Earth and Planetary Sciences. Applicants with interdisciplinary interests in the properties of Earth and planetary materials as they pertain to the structure, composition, and dynamics of planetary interiors are encouraged to apply. Experience in some subset of high-pressure techniques, synchrotron-based research, spectroscopy, thermodynamics, and computational modeling is desirable. Research proposals may include any number of topics related to the structure, composition, and dynamics of the Earth and planets and their constituent materials.

Applicants may also wish to become involved with Steve Jacobsen's new GHz-ultrasonic laboratory for diamond-anvil cell studies of the elastic properties of materials at high pressures and temperatures <<http://www.earth.northwestern.edu/research/jacobsen/>>. There are opportunities within the department for collaboration in other areas of geophysics and geochemistry <<http://www.earth.northwestern.edu/>> and within the Northwestern Institute on Complex Systems for collaboration on nonlinear geophysics and network effects <<http://www.northwestern.edu/nico/>>. Campus-wide resources include the facilities of the Northwestern University Materials Research Science and Engineering Center <<http://www.mrsec.northwestern.edu/>>.

Northwestern University is located on the shore of Lake Michigan in Evanston, Illinois, about 10 miles north of downtown Chicago and about 40 miles from the Advanced Photon Source at Argonne National Laboratory. The starting date of the appointment is flexible. Applications will be reviewed as they arrive. Direct application packets (including a brief statement of research interests, curriculum vitae, and the names of three references) to:

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Northwestern University is an Equal Opportunity, Affirmative Action Employer. Members of historically underrepresented groups are strongly encouraged to apply.