

The University of Chicago
Center for Advanced Radiation Sources (CARS)

Research Associate (Instructor)
Job Requisition #076056

The Center for Advanced Radiation Sources (CARS) of the University of Chicago has a Research Associate (Instructor) position available at the GeoSoilEnviroCARS (GSECARS) synchrotron research facility at the Advanced Photon Source (APS), Argonne National Laboratory, in Argonne, Illinois. This is a full-time position, for which a Ph.D. in geology, physics, or a related field and synchrotron research experience using large-volume press (LVP) techniques are required. The successful candidate will (1) conduct research on structural properties of materials (crystalline and noncrystalline) at high pressures and temperatures, using multianvil devices; (2) participate in the development of ultrahigh pressure generation using double-stage multianvil devices at GSECARS; (3) provide partial support for the scientific users from the multianvil high-pressure community who conduct research using the GSECARS synchrotron beamlines at APS; and (4) participate in core and collaborative research and will be involved in the development of new techniques for collection and analysis of synchrotron data. The successful candidate will have excellent relevant computer skills, organizational skills, verbal and written communication skills, and be able to work effectively both as a team player and independently. Candidate must be able to satisfy requirements for access to Argonne National Laboratory.

Research Associate (Instructors) are appointed to renewable one-year terms and may be considered for promotion. Research Associate (Instructors) may hold this rank for no more than four years.

Applications must be made on-line at <https://jobopportunities.uchicago.edu/applicants/jsp/shared/frameset/frameset.jsp?time=1183657003533> and include a curriculum vitae, cover letter, statement of research interests, and list of publications, along with three professional references. This posting will be closed when the position is filled.

The University of Chicago is an Equal Opportunity/Affirmative Action Employer.

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Research Associate (Instructor)
Job Requisition # 076058

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