

Postdoctoral researcher, Mars rover science/operations and Mars data analysis

The University of Chicago's Department of Geophysical Sciences seeks to hire a postdoctoral researcher to support Mars data analysis projects (a Mars Science Laboratory Participating Scientist grant on the timing and flow of surface and subsurface water at Gale crater, and a Mars Data Analysis Program grant on global and stratigraphic variations in sediment layer thicknesses on Mars). The successful candidate will work with Associate Professor Edwin Kite to take part in Mars Science Laboratory science and operations, and analyze existing HiRISE Digital Terrain Models. The balance between rover and orbiter work will be chosen according to the preferences of the successful candidate.

Candidates should have a background in planetary science. Experience with rover operations, and/or Mars orbiter data analysis, is preferred but not required. This is primarily a data analysis position and modeling skills are not required though would be a welcome bonus. A start date in mid-to-late-2023 is preferred. This postdoctoral position will be for one year and funding is secured for renewal for a second year, contingent on satisfactory progress. The position comes with a competitive salary and generous benefits.

Review of applications will begin on April 8, 2023. Please send a CV, a brief description of research interests, and a list of publications as a single PDF file to kite@uchicago.edu. Applicants should send the names and email addresses of 2-3 referees to this email address. Please direct informal inquiries about this post to Edwin Kite (kite@uchicago.edu).

The University of Chicago hosts a vibrant planets and exoplanets research program, with particular emphasis on Mars, planetary sample analysis, and habitability: <https://geosci.uchicago.edu/research/planetary-sciences-and-cosmochemistry/>

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