

POSTDOCTORAL SCIENTIST: PLANETARY ATMOSPHERIC CHEMISTRY MODELING

August 08, 2016 -- Anonymous (not verified) **Department:** Dpet. of Applied Physics and Applied Mathematics

City: New York

State/Province: NY

Category: Atmospheres
Modelling

Mars

Exoplanets

Astrobiology

Country: USA

Contact Person: Anthony Del Genio

Institution: Columbia University/NASA Goddard Institute for Space Studies

Application Due Date: Sunday, October 9, 2016

Web Link: <https://academicjobs.columbia.edu/applicants/Central?quickFind=63245> [1]

Columbia University: 2-year Postdoctoral Research Scientist appointment to model planetary atmospheric chemistry and aerosol processes in a general circulation model.

The successful candidate will join a team from the Goddard Institute for Space Studies (GISS), GSFC, Columbia University, and other institutions as part of the Nexus for Exoplanet System Science (<https://nexss.info> [2]). Team research addresses the habitability of past Solar System and exoplanet climates and informs exoplanet mission design. The candidate will be expected to perform original research, present results at scientific meetings, and publish first-author peer-reviewed papers. The candidate will be resident at NASA GISS in New York City.

Requirements: PhD. in atmospheric science, chemistry, planetary science, astrobiology, or a similar field. Expertise in atmospheric chemistry and willingness to become involved in chemistry-aerosol parameterization development are required, but the broad scope of the project allows for many possible research directions and collaborations in studying atmospheric composition impacts on a variety of climates using the model. Strong mathematics and programming skills are also required. For further information contact Anthony DelGenio (anthony.d.delgenio@nasa.gov [3]).

Columbia University is an Equal Opportunity/Affirmative Action employer. Applications will be accepted until the position is filled. For application requirements and instructions visit

Position Type: Post-doctoral or Fellowship
Contact Email: anthony.d.delgenio@nasa.gov [3]

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