

GSFC Position in Magnetospheric Science

Applications are now being accepted for a Post-Doctoral Research Associate to work on data returned from the MAVEN (Mars Atmosphere and Volatile Evolution) mission, funded through the University of Maryland, Baltimore County (UMBC) and the Center for Research and Exploration in Space Science and Technology II (CRESST II). The MAVEN spacecraft is orbiting Mars doing a comprehensive study of the upper atmosphere and ionosphere, its interaction with the solar wind, and loss of the Mars atmosphere to space. The successful applicants will work on site at the NASA/Goddard Space Flight Center with scientists in the Solar System Exploration Division. The candidate will work directly with the MAVEN Project Scientist as part of the magnetometer investigation, participating in data analysis and scientific interpretation of the data, leading to the publication of results in scientific journals. Prior experience with magnetometer data analysis, scientific programming skills (especially IDL) and scientific writing experience are strongly preferred.

The MAVEN mission has completed its primary science mission and is currently in the extended mission phase. The appointment will be initially for one year, with the possibility of renewal in subsequent years depending on funding. Applicants may have recently acquired their Ph.D. or have up to two years post-doctoral experience.

Applicants should hold a Ph.D. in a related field with a strong interest in planetary missions, instrumentation, and data analysis with an emphasis on magnetospheric physics. In addition, the candidate should have prior experience in a relevant scientific area, preferably related to the mission and/or the types of instruments flying on MAVEN.

For best consideration submit a Curriculum Vita, list of publications, statement of research interests, and contact information for three references by November 30, 2017 to:

MAVEN
CRESST/UMBC
Mail Code 660.8, NASA/GSFC
Greenbelt, MD 20771, or
Via e-mail to virginia.c.peles@nasa.gov

Salary and benefits are competitive, commensurate with experience and qualifications. The position is available immediately.

For more information about the MAVEN Mission, see www.nasa.gov/maven. Inquiries should be directed to Dr. Gina DiBraccio, gina.a.dibraccio@nasa.gov.

The University of Maryland is an Affirmative Action, Equal Opportunity Employer. Women, minority group members, veterans, and individuals with disabilities are encouraged to apply.