

**UNIVERSITY OF MARYLAND, BALTIMORE COUNTY  
GODDARD EARTH SCIENCES AND TECHNOLOGY (GEST) CENTER**

**RESEARCH ASSOCIATE POSITION**

Subject to funding approval, the Goddard Earth Sciences and Technology Center (GEST) will make Research Faculty appointments at the Research Associate, Assistant Research Scientist, Associate Research Scientist, and Senior Research Scientist levels as commensurate with experience. GEST is a Cooperative Agreement between the University of Maryland, Baltimore County (UMBC) and the NASA Goddard Space Flight Center (GSFC) to collaborate in research programs in the Earth, Information, and Instrumentation sciences. GEST is a Consortium whose members include UMBC, Hampton University, Howard University, and Caelum Research Corporation. Positions will generally be located either at GSFC or at the offices of one of the consortium members. More than one candidate may be chosen for some positions. All candidates must have degrees in an appropriate physical discipline and a demonstrated research record in accordance with the specific qualifications listed for the following position:

**3395 Research Activity – Doppler Wind Lidar Simulations**

A post-doctoral Research Associate position is available through the University of Maryland, Baltimore County Goddard Earth Sciences and Technology (GEST) Center. The successful candidate will be posted to work at either NASA/GSFC in Greenbelt, MD or the Joint Center for Satellite Data Assimilation in Camp Springs, MD.

We seek a Research Associate to carry out Observing System Simulation Experiments (OSSEs) which are important tools for assessing the impact of future observing systems. NASA is funding OSSE investigations of a future Doppler Wind Lidar demonstration mission recommended to the agency in the NRC Decadal Survey as a candidate for future implementation. The incumbent will support this investigation by setting up, executing and diagnosing data assimilation and forecast experiments using either the Goddard GEOS-5 system, the NCEP Global Forecast System or a combination of the two. The work will be carried out in close collaboration with scientists from NASA, NOAA/NCEP and NOAA/AOML.

Requirements - The position requires a Ph.D. in Atmospheric Sciences, or a related field. Experience in data assimilation, satellite remote sensing or diagnostics of atmospheric model experiments is a plus.

To be considered for this position, submit a cover letter (indicating position #3395), a complete curriculum vitae, home address, visa status (if applicable) and names and telephone numbers of three references by December 1, 2009 to: Danita Eichenlaub, Acting Director, GEST/JCET, 5523 Research Park Drive, Suite 320, Baltimore, Maryland 21228 or by email to [Applications\\_GEST\\_JCET@umbc.edu](mailto:Applications_GEST_JCET@umbc.edu). Application materials for this position will be accepted until position is filled.

GEST partners are Equal Employment/Affirmative Action employers.