



University of Maryland Baltimore County (UMBC)  
Joint Center for Earth Systems Technology (JCET)

# JCET Earth Science Explorers 2010

Summer Undergraduate Research Institute  
June 1—August 6, 2010

The Joint Center for Earth Systems Technology Summer Program provides undergraduate students the opportunity to engage in Earth science and atmospheric physics research. Students are matched with a NASA Goddard Space Flight Center (GSFC) researcher and/or UMBC faculty member to work on a research project at the UMBC campus in Baltimore or at NASA GSFC in Greenbelt, Maryland. Topics of Earth science research may include:

- Hydrology
- Vegetation and ecosystem monitoring
- Tropical precipitation and storm systems
- Volcanic hazards and climate impacts
- Coastal processes/sea level rise
- Global climate analysis and modeling
- Remote sensing of Earth
- Remote sensing of planetary atmospheres
- Space Geodesy, Geophysics, GPS, orbits



**Students receive \$4,000  
in support, local housing  
and travel expenses**

**Contact:  
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**Application Deadline: February 19, 2010**  
**[jcet.umbc.edu](http://jcet.umbc.edu)**