

NASA DEVELOP Internship Program 2012

Call for Spring and Summer 2012 Interns: All degree levels (Bachelors, Masters, PhD) and Fall 2011 graduates are welcome to apply.

DEVELOP is a NASA Science Mission Directorate Applied Sciences Training and Development Program. Students and young professionals work on Earth science research projects, mentored by science advisors from NASA and partner agencies to extend research results to local communities. The projects demonstrate to community leaders and organizations how NASA science measurements and predictions can be used to address local policy issues.

Past projects at DEVELOP JPL include ecological forecasting and studies of the BP Oil Spill in the Gulf of Mexico, natural hazard assessments of Los Angeles earthquakes and fires, air quality monitoring, and coastal wetland and sea level monitoring using remote sensing and geographic information systems (GIS). DEVELOP participants have had the opportunity in the past to present their research and network at such conferences as the International Astronautical Congress (IAC), The American Geophysical Union (AGU), The American Society of Photogrammetry and Remote Sensing (ASPRS), The American Meteorological Society (AMS), The Council of State Governments (CSG), at NASA Langley Research Center, and at NASA Headquarters in Washington, DC.

The NASA DEVELOP Program was selected to receive the prestigious NASA Group Achievement Award for 2011. DEVELOP participants are challenged to think “outside the box,” take initiative, employ innovative ideas, gain valuable management and leadership experience, and gain experience in delivering results to officials in government, academia, and industry, thereby extending the benefits of NASA science and technology to the public. Ultimately, DEVELOP participants are better prepared to handle environmental science challenges that face our society and future generations.

DEVELOP had the opportunity to attend the 62nd International Astronautical Congress in Cape Town, South Africa from September 28 - October 8 this year. Three DEVELOP participants were selected from a video competition to speak on a panel at the plenary, titled “Next Generation Visions for Earth Observations in the 21st Century.” They also presented and published their research in the 62nd International Astronautical Congress Proceedings.

DEVELOP participants also presented their research in a virtual poster session, hosted by Earthzine, of which our Jet Propulsion Laboratory location was the winner:

<http://www.earthzine.org/summer-2011-develop-poster-session/>.

Interns work in student teams to complete rapid research projects in 10 weeks using NASA remote sensing data and other data sources.

DEVELOP has opportunities nationwide, and we are actively recruiting for Spring and Summer 2012 interns at the Jet Propulsion Laboratory in Pasadena, CA.

Applications are available through our website at: <http://develop.larc.nasa.gov/>.

Spring 2012 applications must be postmarked by November 14, 2011.

Summer 2012 applications must be postmarked by January 30, 2012.

Internships are paid. Rate varies by educational attainment level. Spring 2012 students are expected to work a maximum of 20 hours per week, and will begin on January 23, 2012 and end on March 30, 2012. Summer 2012 students are expected to work a minimum of 30 hours per week, and will begin on June 4, 2012 and end on August 10, 2012.

US Citizenship is required.

Please feel free to contact me with any questions,

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