

PARTICIPATION IN NASA RESEARCH OPPORTUNITIES IN SPACE AND EARTH SCIENCE

(ROSES) PANEL REVIEW (email to: andrew.molthan@nasa.gov/256-961-7474): Dr. Andrew Molthan (ZP11) provided community service to NASA as a member of a ROSES proposal panel review team from February 23-25 in Rockville, MD, personally responsible for contributing eight proposal reviews and engaging in discussions on a total of 35 proposals.

PARTICIPATION IN UNITED STATES COAST GUARD SECTOR HOUSTON HURRICANE

EXERCISE (HURREX) (email to: andrew.molthan@nasa.gov/256-961-7474): Mr. Jordan Bell (ZP11/UAH) of the NASA Short-term Prediction Research and Transition (SPoRT) Center represented the NASA Applied Sciences Disasters Program and SPoRT team as an observer of the U.S. Coast Guard (USCG) Sector Houston Hurricane Exercise (HURREX), to understand the remote sensing and disaster response needs for the USCG and their collaborators following tropical cyclones that affect the Houston/Galveston Bay area. Through briefings to USCG staff, Mr. Bell learned of new opportunities for collaboration with delivery of NASA remote sensing capabilities and other derived products produced by staff at MSFC and other NASA Centers. Information gathered will be shared with the Applied Sciences Disasters Program to better inform agency-wide disaster response efforts. For a graphic of the impact on the Houston area should a major hurricane strike the region follow the link to a Propublica website

https://projects.propublica.org/houston/?utm_campaign=sprout&utm_medium=social&utm_source=twitter&utm_content=1457009026

PARTICIPATION IN NASHVILLE SEVERE WEATHER AWARENESS DAY EVENT (email

to: andrew.molthan@nasa.gov/256-961-7474): On Saturday, 27 February 2016, Dr. Andrew Molthan (ZP11) provided a booth at the Severe Weather Awareness Day event sponsored by the National Weather Service Weather Forecast Office in Nashville, Tennessee and hosted at Trevecca Nazarene University. Throughout the day, Dr. Molthan answered questions related to NASA's involvement in weather forecasting through the Short-term Prediction Research and Transition (SPoRT) Center here at Marshall, questions from weather enthusiasts about joint NASA/NOAA efforts in the next generation of geostationary and polar satellite imagery, and also provided educational and outreach materials from the Global Hydrology Resource Center (GHRC) Distributed Active Archive Center (DAAC) at MSFC. Numerous attendees received handout information about the SPoRT Center along with materials highlighting NASA's continued research efforts in Earth Science.

REDSTONE TEST CENTER VISITS MSFC EARTH SCIENCE OFFICE (email to:

patrick.gatlin@nasa.gov/256-961-7910): Representatives from the U.S. Army Test and Evaluation Command at Redstone Arsenal visited the National Space Science and Technology Center last week to meet with scientists in MSFC Earth Science Office (ZP11) and discuss weather-related needs for upcoming projects at the Redstone Test Center (RTC). They met with Drs. Patrick Gatlin, Walt Petersen and Timothy Lang (ZP11) since they were interested in simulating weather such as rain, snow and fog. This RTC group is a separate division than the Space and Missile Defense Command (SMDC) group currently working with Dr. Gatlin. Given the Army's increasing interests in precipitation, there may be an opportunity to build a local synergistic partnership between MSFC ZP11 and the Army's technology development/testing divisions at Redstone.

WHAT A GEEK! (email to: daniel.j.cecil@nasa.gov/256-961-7549): Outreach is a two-edged sword. Dr.

Dan Cecil embraces his inner geek. The Weather Channel airs a weekly television show for weather enthusiasts called "Weather Geeks". They recently emailed Dr. Dan Cecil (ZP11), saying he would make a great "Geek of the Week", and asked some geeky questions. This should be a very brief (~1 minute) segment during an episode that features an interview with Dr. Mike Freilich, Director of NASA's Earth Science Division, scheduled to air this Sunday (March 6) at 11 AM CDT.