

National Aeronautics and  
Space Administration



# EXPLORE SCIENCE

**Sunday Experiment at Goddard Space Flight  
Center Celebrates Twenty Years of Measuring  
Global Precipitation**

**Dorian Janney**

GPM Outreach Coordinator

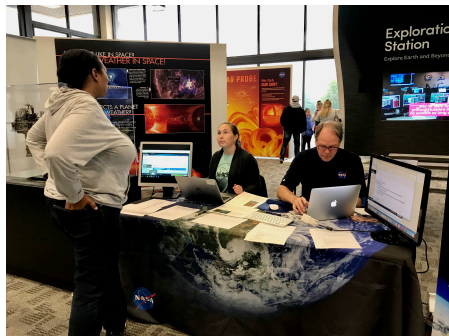
November 8<sup>th</sup>, 2019



# Engaging Families in the Wonders of NASA Earth Science!

Over 100 parents and their children attended the Sunday Experiment at Goddard Space Flight Center's Visitor Center on Sunday, Oct. 20<sup>th</sup> in spite of the pouring rain. As we were focusing on the past two decades of measuring global precipitation from space, it was actually added to the engagement!

Visitors were treated to presentations from the Global Precipitation Measurement mission's science team, as well as the chance to interact with several new outreach activities designed to help explain how and why we measure global precipitation, with an emphasis on the real-world applications for this data.



Trena Ferrell, Andrea Portier, and Glenn Parks prepare to create individualized IMERG line graphs for visitors.



Families using the new IMERG Map outreach activity to learn about the impact of precipitation on different locations around the world.



Kristen Weaver enabled visitors to use a virtual reality headset to see Hurricane Maria in 360°.



Trena Ferrell helped visitors create 3-dimensional bar graphs which used the new IMERG data to show the average amount of monthly precipitation for different locations around the globe.