



National Aeronautics and
Space Administration

SCIENCE MISSION DIRECTORATE

Dr. Kevin Czajkowski
GLOBE Mission EARTH
SATELLITES Student Conference

May 3, 2017

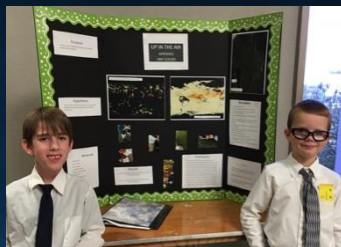
GME SATELLITES Student Conference

And the winners are.....

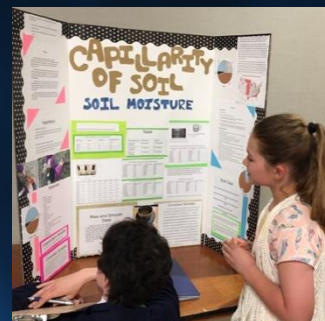
On May 3, 2017, 130 students presented 90 research projects at the GLOBE Mission EARTH SATELLITES Student conference at The University of Toledo's Student Union. This conference, originally named SATELLITES: Students And Teachers Exploring Local Landscapes to Interpret The Earth from Space, has grown over the years; in 2016 there were 82 students presenting 58 projects. Below are the **FIRST PLACE Winners** and Second /Third Winners following.



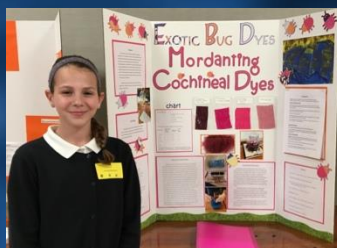
K-3 Division
Clouds and Aerosols
 Gabriel Bruck & Cale Jones
 Gr. 1, St. Patrick Elementary
 Monroe, MI



Grades 4-6
Capillarity of Soils
 Lauren Monske
 Gr. 6, St. Patrick Elementary
 Monroe, MI



Grades 7-8
Mordanting Cochineal Dyes
 Gracie Bylow
 Gr. 7, St. Patrick Elementary
 Monroe, MI



College Division
Drought Monitoring using Vegetation Temperature Condition Index (VTCI): A Case Study of California
 Samuel Owusu-Agyemang
 Graduate Student, University of Toledo



High School Division
Analysis of Aerosol Optical Thickness Data During the Fall and Winter Michigan Months
 Ali Eter, Hana Salami, Sara Komaih,
 Gr. 10, Crestwood High School
 Dearborn, MI



GME SATELLITES Student Conference

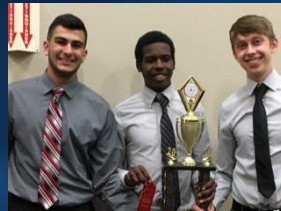
And the winners are.....
Second Place



Grades 4-6
Acid Rain
Drew Bylow
Gr. 5, St. Patrick
Elementary
Monroe, MI



Grades 7-8
*Local Aerosol Atmosphere and its
Potential Impact on Asthma-
Related Illness*
Yun Khaing
Gr.8, Roswell-Kent Middle School
Akron, OH

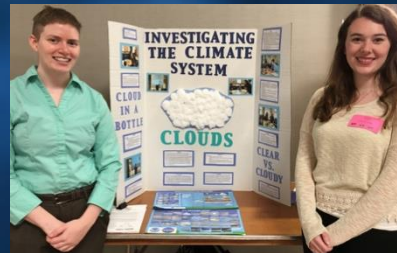
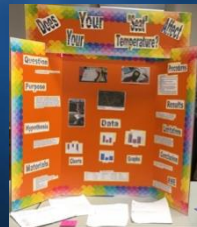


High School Division
*Relationships Between Surface and Near Surface
Temperatures Based on Multiple Ground-Level
Parameters During a Michigan Winter*
Hassan Fawaz, Jordon Horton, Kristian Manivilovski
Gr. 11, Crestwood High School
Dearborn, MI



People's Choice Award

*Does your "Seat" Temperature
Affect your Temperature?*
Amber Terry
Gr. 5, Thirkell Elementary-Middle
School, Detroit, MI



College Division
*Investigating the Climate
System: Clouds* Brittany
Layden & Rebecca Clinger
Undergraduate, University
of Toledo



<https://www.facebook.com/globemissionearth/>

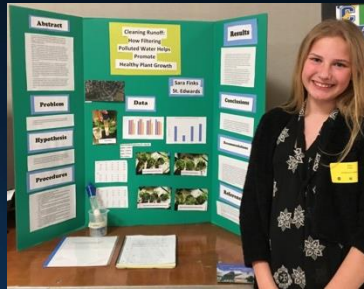


GME SATELLITES Student Conference

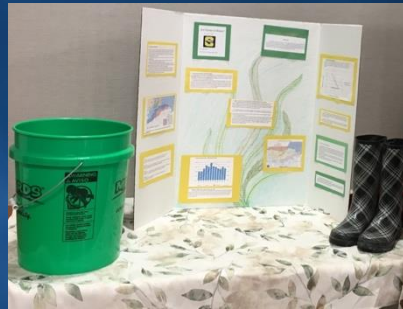
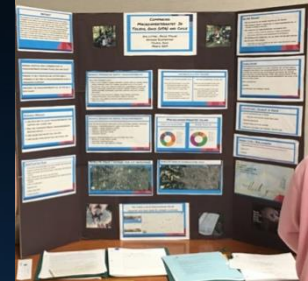
And the winners are.....
Third Place



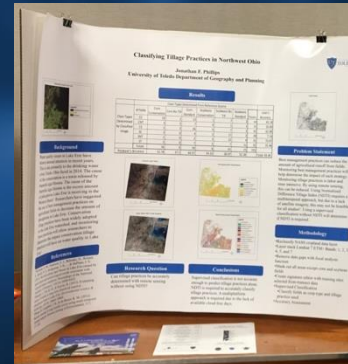
Grades 4-6
*Cleaning Runoff: How
Filtering Polluted Water
Helps Promote Healthy
Plant Growth*
Sara Finks
Gr. 6, St. Edwards School
Ashland, OH



Grades 7-8
*Comparing Macroinvertebrates In
Toledo, Ohio (USA) and Chile*
Ava Lytten & Paige Staler
Gr. 7, Navarre Elementary
Toledo, OH



High School Division
Are Farms to Blame?
Autumn Holzemer
Gr. 12, Clay High School
Oregon, OH



College Division
*Frogtown Toad Species
Distribution Model*
Jeremy Schroeder
Graduate Student,
University of Toledo



<https://www.facebook.com/globemissionearth>