



# 3-D THURSDAYS!

“THREE DIMENSIONAL” SERIES FOR RURAL K-12 EDUCATORS  
*Professional Development | Networking | NGSS Connections*

Join us for a workshop with the NASA AEROKATS and ROVER Education Network (AREN) to learn how to use NASA technologies and practices in authentic, experiential learning environments. Partner with the NASA AREN Project to access kite-based “AEROKATS” and remote-controlled aquatic and land-based “ROVERS” that collect remotely sensed Earth observations. You could work with NASA scientists and learn real-life protocols and field operations conducted by NASA!



<https://forms.gle/9qaNdHeGWBHe3FGh7>



**1st Thursday of the Month**  
**May 2nd, 2024**



**STARTS: 7pm Central | 8pm Eastern**

With hosts Dr. Rachael Arens,  
Research Associate at NAU PLANETS  
and Luke Henke, Education Advisor for NASA HEAT

**GEOFF BLAND**

**Geoff Bland** is an aerospace engineer working within the Earth Science Division of NASA’s Goddard Space Flight Center. Located near the Wallops Flight Facility in Virginia, Geoff has been focused on development and deployment of novel observation tools including miniature instrumentation, high performance kites, remotely operated aquatic and terrestrial observation platforms, and uncrewed aircraft systems (UAS).

Geoff is a Co-Investigator in NASA Science Activation’s “AEROKATS and ROVER Education Network” (AREN) project, focusing on novel hands-on learning and exploration tools for a wide audience.

**Lisa Ogiemwonyi** works as a Science Consultant for Wayne Regional Educational Service Agency in southeast Michigan. Lisa has been a science educator for over 25 years. She has Bachelor’s degrees in Chemistry and German, a Master’s degree in science education, and an Education Specialist degree in educational leadership. She has taught professional development workshops in STEM for teachers across the United States for over 15 years. Lisa has a passion for empowering educators to make learning experiences for students relevant, connected to practical contexts, and applied to real-world situations. Lisa is the current Principal Investigator for the NASA AEROKATS and ROVER Education Network (AREN) Project which focuses on remote sensing using NASA technology to collect local earth science data with teachers, students, and citizen scientists.



**Albert Einstein**  
*Distinguished Educator  
Fellowship Program*



**LISA OGIEMWONYI**