

# 3-D Thursdays!

**"Three-Dimensional" NASA Series for K-12 Educators**

- Educator Opportunities
- Networking
- NGSS Connections



Partner

## First Thursday of Each Month

### Upcoming: March 3<sup>rd</sup> at 7:00pm CT/8:00pm ET

With hosts Rachael Arens, Associate Researcher at NASA/NAU PLANETS & Michael Guarraia, Albert Einstein Distinguished Educator Fellow at NASA

**Are you on the hunt for ways to engage your students with real-world connections to standards-based learning? Join us as we dig into NASA eClips videos and resources that build STEM literacy through the lens of NASA. This webinar is targeted for formal and nonformal educators of learners in grades 3 – 12.**

## Special Guests



### **Dr. Sharon Bowers**

**Sharon Bowers** has been a K-8 educator for more than 30 years and her work with children earned her several honors, including recognition as a *Secondary Science Presidential Award Winner* for Virginia. Sharon is the Senior STEM Specialist for the Center for Integrative STEM Education at the National Institute of Aerospace (CISE-NIA) where she and her teammates develop NASA eClips and other resources that model best practice in the use of instructional technology to support STEM education and professional learning experiences for pre-service and in-service educators. Sharon has developed and teaches graduate courses for McDaniel College that lead to a certificate in STEM Instructional Leadership. She earned her BA in Biology, her MED in Special Education (both from McDaniel College), and her EdD in Integrative STEM Education from Virginia Tech.



### **Joan Harper-Neely**

**Joan Harper-Neely** is the STEM Education Specialist for CISE-NIA. She is a member of the team that produces the NASA eClips videos and educator guides. Joan enjoys planning and delivering teacher webinars and face-to-face professional development on best practices for integrating STEM into the curriculum. She received her BS in Education from Pennsylvania State University and MED in Curriculum and Instruction from Regent University. One of her passions is Children's Engineering. As a member of the Virginia Children's Engineering Council (VCEC), Joan works with the board to fulfill the mission to develop instructional materials and provide teachers with professional development experiences that enable educators to teach students to use, create, control, and access technology.



### **Betsy McAllister**

**Betsy McAllister** is the STEM teacher specialist for Hampton City Schools in Hampton, VA and the Educator in Residence at CISE-NIA. She received her BA in Biology from Hollins University and her MED from Old Dominion University, with an emphasis in science education. Betsy enjoys supporting teachers in their growth as STEM educators and engaging students in real-world STEM experiences. She also enjoys her role in growing the STEM Network for her school division by developing meaningful connections between science classrooms and outside entities. She is passionate about environmental education and volunteers her time as a Master Gardener and Master Naturalist.



Register at: <https://forms.gle/FaqFkiQxuaTHP3cb6>

