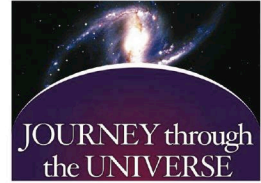


## Visiting Educator Profile



### **Lollie Garay**

Intermediate/Middle School Science Teacher  
Redd School  
Houston, TX

### **Bio**

Lollie Garay teaches Intermediate/Middle School Science at Redd School, a private school in Houston, TX. Lollie holds a Master of Science Teaching degree from Rice University, Houston, with a focus on Earth and Space Science. After 35 years of teaching, her favorite thing is still getting “down and dirty” in activities with her students! Her emphasis is on active learning that emphasizes observations, collaboration, exchange of ideas, and critical thinking. Her goal is to empower students with the tools needed to develop ownership in their learning. Besides classroom teaching, Lollie has developed and sponsors an After School LABRATS (Learning ABOUT Research And Technology through Science) program that includes Astronomy, Amateur Radio, Robotics & Engineering, and Aeronautics. Lollie is also active in community outreach and organizes special science events including Family Science programs and GirlScience. Lollie serves on several committees including the AIAA Pre-College and NASA/JSC/ARES Education Outreach committees. She is a Fellow with Baylor College of Medicine Education Outreach, as well as a trainer in the MESSENGER Educator Fellowship Program, a professional development initiative during which Lollie has conducted 21 workshops to train 400 teachers across the nation on NASA’s MESSENGER mission to Mercury. Lollie was recently selected for the PolarTREC (Teachers and Researchers Exploring and Collaborating in the Arctic and Antarctic) Program, and will join an international scientific expedition to Antarctica for six weeks in December of 2007. Her teaching and professional work has earned her many honors and awards. Lollie seizes every opportunity she can to share her passion for space and science, and she looks forward to participating in Journey programs across the nation!