

NASA/HEAT Rice U Status Report – January 2023

Patricia H. Reiff, Rice University

- ***ASTR530 course for teachers***

In spring 2023 we began our class for teachers, “Teaching Astronomy Laboratory”. Seven teachers took the class, six for academic credit and one for professional development. Two participated remotely. Solar observing techniques in preparation for the eclipses are highlighted.



- ***Eclipse Animations***

We continue to provide downloads of our eclipse animations paid for by NASA. Four additional planetariums requested the animations in January. Zip Codes: 72103 plus Germany, Romania, and Switzerland.

- ***Dome Loaner***

Christine Fendley Boldt borrowed one of the Discovery Domes for a full day at Shadow Creek High School and a science night at Disney Elementary, both in Alvin ISD. She reached 400 students in the two days. Disney is Title 1, with 68% economically disadvantaged. Approximately 80% were hispanic or African-American. She presented shows that featured NASA science.

- ***Eclipse planning***

Reiff continues to work with the AAS eclipse planning committees (formal science, informal science and regional planning). She is planning a major eclipse event sponsored by Rice University for the total eclipse in April 2024. We are conducting a major increase in our eclipse website <http://space.rice.edu/eclipse> to include links to many resources (NASA, AAS, and others) plus activities, equipment suggestions, and games.

- ***Eclipse planning for Schools***

Carlton Colmenares, candidate for the Master of Science Teaching degree, is working on a handout for schools to plan for the eclipses as part of his Capstone project. He is working with me to plan for the SEEC teacher workshop in February.

- ***Citizen CATE***

We have have been approached by Citizen CATE to work with their eclipse photography network program. More details to come.