

NASA/HEAT Rice U Status Report – July 2022

Patricia H. Reiff, Rice University

- **Education: Eclipse Trainings at NSTA Chicago**

On July 21-23, Prof. Reiff helped by Dr. Carolyn Sumners of the Houston Museum of Natural Science had a booth at NSTA-National-Chicago to provide eclipse training to teachers there. Dr. Reiff showed the eclipse information in the portable dome and Dr. Sumners answered questions and distributed solar eclipse glasses. Every hour on the half-hour, Dr. Reiff gave an eclipse training, which included the HEAT-developed animations. All teachers who finished the training got a class set of eclipse glasses (25). All others who stopped by the booth got a single pair of glasses.

The booth charges, the travel, and the eclipse glasses given away (3000) were all paid for by our cooperating company MTPE, Inc.



Carolyn Sumners talking with teachers about the upcoming eclipses. The teachers learned about eclipses and eclipse safety in the Discovery Dome.



Lindsay Bartelone (formerly of Adler Planetarium but still NASA funded) also volunteered at the booth, talking about the eclipse with teachers who stopped by.

Participants:

Teachers and administrators: 345 people (scanned), ~ 60% women; 22 Spanish surnames; ~10 Native American; 10 non-US

Zip Codes: 00907, 01037, 01845, 01879, 02140, 02140, 03033, 03063, 06026, 06106, 06106, 06606, 06825, 07652, 08002, 08540, 08638, 08901, 10010, 10453, 11201, 11216, 11232, 11501, 11779, 12182, 13090, 13214, 14226, 14414, 14611, 14614, 15096, 15120, 15601, 19041, 20019, 20020, 20110, 20815, 20910, 21210, 23294, 27105, 27278, 27292, 27408, 27607, 28209, 28304, 28304, 30602, 30602, 32746, 32927, 33602, 33770, 34758, 35204, 35204, 35235, 35470, 35470, 35763, 35986, 36112, 36112, 36112, 36527, 36535, 36618, 36695, 37207, 37207, 37220, 38122, 38122, 38505, 38506, 38801, 38868, 42101, 42101, 42101, 44092, 45102, 45103, 45245, 46057, 46201, 46240, 46240, 46392, 46601, 46614, 46615, 46628, 48184, 48910, 50263, 50266, 51501, 52247, 53066, 53081, 53216, 54303, 54911, 55102, 55921, 57104, 59105, 59105, 59635, 59636, 59636, 60016, 60031, 60045, 60047, 60048, 60062, 60064, 60068, 60077, 60090, 60093, 60110, 60115, 60126, 60134, 60190, 60426, 60438, 60440, 60445, 60477, 60503, 60510, 60527, 60527, 60546, 60546, 60602, 60605, 60605, 60608, 60611, 60612, 60616, 60617, 60623, 60625, 60629, 60631, 60632, 60637, 60643, 60651, 60656, 60714, 60964, 61104, 61265, 61265, 61270, 61322, 61360, 61843, 61866, 61883, 62340, 62613, 62901, 62966, 63124, 63701, 64109, 64123, 64123, 66506, 68182, 69153, 70049, 70506, 70714, 70791, 73107, 75025, 77033, 77049, 77087, 77277, 77550, 77845, 78666, 78731, 80246, 80303, 80501, 81240, 82071, 83702, 83815, 84057, 84088, 84337, 85008, 85250, 85250, 87020, 87532, 89104, 89509, 90004, 90017, 90018, 90032, 90089, 90240, 90255, 91106, 91406, 92122, 92126, 94305, 95051, 96782, 97219, 97846

• **Education: Presentation at YES, SWRI, July 27**

Prof. Reiff gave a 2-hour eclipse training for 21 high school interns in the YES program at SWRI. We then went outside for a one-hour safety training using eclipse glasses, filtered binoculars, SunSpotter, and UV beads



YES students demonstrating safe solar observing, SWRI.

Participants:

High School Students: 21 people, 11 women, 8 Hispanic; None economically or physically challenged

Zip Codes: 78238 (of location; don't have individual zip codes of participants)

Annular Eclipse and Artemis Animations Additional Distribution

The annular and total eclipse animations, plus the Artemis animations, are continuing to be distributed. We added descriptive scripts to the Artemis animations, so they could be used as closed-captioned. We already had scripts for the other eclipse animations.

We sent out a notice to the “small planetariums” list this month and have provided digital copies to 65 planetariums so far.

Planetarians can sign up to get any of our animations for free here:

<https://forms.gle/sS8q31qFSDRnhnbX7>

Annular eclipse animation info and links:

https://space.rice.edu/eclipse/eclipse_animations.html **Note** the descriptions and links to the individual pieces are given in October 2021 report.

Educators can sign up here: <http://eepurl.com/cv68Qj>

Present number of educators on our eclipse mailing list: (some are in more than one group)

Planetarium educators: 209

Informal Educators: 154

K-12 Educators: 574

Media: 44

General Public: 271

Want to be eclipse ambassadors: 14

Can host an eclipse event: 6