

# PUNCH Public Engagement

## Monthly Newsletter Issue 6: Apr 2023

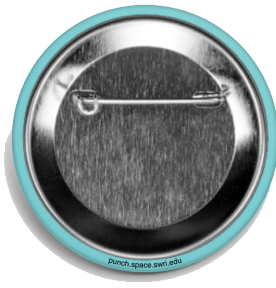
Shining New Light on Diverse Views of the Sun  
with our Ancient & Modern Sun-Watching Theme



### Did You Know....

...that the solar corona is as bright, in the sky, as the full Moon? In very long-duration eclipses, where the atmosphere gets darker near the center of the path of totality, the corona can appear as large as the constellation Orion in the sky!

### Our First Prototype Girl Scout Patch-Earning Events



[PUNCH Outreach](#) is now field-testing *suites of activities* with the Girls Scouts, learners from the [Pueblo of Acoma](#), and public events at our partner institutions. We visited two Girl Scout troops to test our [Ancient & Modern Sun-Watching](#) patch-earning event, one in Colorado, and the other in Maryland where PUNCH scientist [Nicki Viall](#) is a Troop Leader. Outreach Advisor Patty Seaton and Collaborator Lou Mayo also brought their expertise to the event. Girls earned a button (above) in place of what will become an embroidered patch when the Girl Scout design is finalized.



Photo by Kate Silva, Troop Leader

Our Girl Scout collaborators helped us test several new activities, including: *Birthdays Sunrises on a Chaco Horizon* (shown above), *'Seeing' the Solar Corona with your Hands*, *Dancing Up a Solar Storm*, and *Meet the PUNCH Team*.

### Register for Events where PUNCH Outreach is Helping to Prepare for the Heliophysics Big Year!

[Register for the June AAS meeting \(Jun 4-8\)](#)

*PUNCH Outreach is collaborating with the Eclipse Task Force on a [public event](#) (June 7) and a [workshop](#) (June 9-10).*

[Register add-on for AAS Chaco Canyon Tour \(Jun 3-4\)](#)

*A pre-conference adventure including a day trip with expert facilitation in Chaco Canyon. See the "Eclipse" petroglyph!*

[Register for the US Planetarium Conference \(Jun 20-24\)](#)

*Workshop: Ancient & Modern Sun-Watching Girl Scout patch*

[Keep an eye out for PUNCH 4 Science registration \(5-7 Jul\)](#)

*PUNCH Outreach convenes alongside its science team!*

[Keep an eye out for SHINE registration \(Aug 7-11\)](#)

*Approved plenary: Best practices in science communication*

[Submit abstract for the AAS Solar Physics Division \(Aug 13-18\)](#)

*Proposed plenary: Best practices in science communication*

### Past Monthly Newsletters Now Available

Our Newsletter list has grown much longer recently! If you are a new addition and want to learn more about PUNCH Outreach, please find past issues of our Newsletter [here](#).

### Your Solar Photo of the Month

Every month we feature a photo [submitted by readers](#) that portrays a personal experience of the Sun.

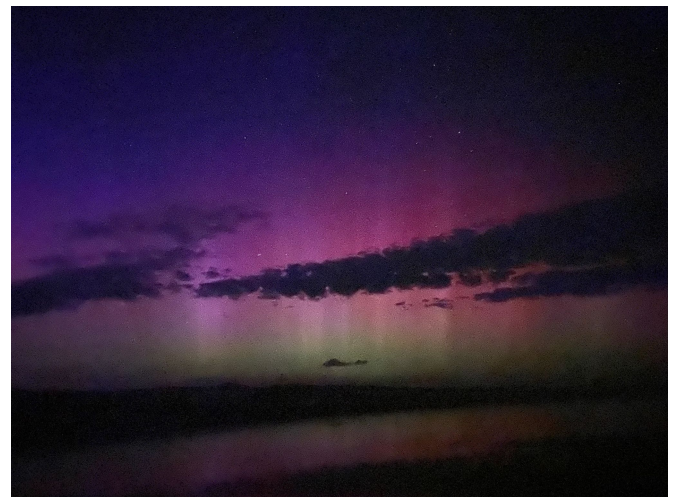


Photo by Geoff Coins & Kelly Ricks

During aurorae we can see the interaction of the Sun's energy with our world. Our hearts rejoiced! Photo made with an iPhone near Capulin National Monument, NM 23 April 2023.