

# Tribes hosting eclipse competition for students

A little less than a year from now—on August 21, 2017—a total solar eclipse will occur over the United States.

The path of this historic event will pass directly over the lands of the Confederated Tribes of the Warm Springs Reservation. We are on NASA's map on their website!

To celebrate this momentous event, we invite Native American student teams from Oregon, Idaho, Montana and Washington to enter a competition to develop a high altitude balloon payload.

The balloon will fly to the edge of space during the eclipse, and gain an unprecedented view of the shadow of the moon on our Earth.

Here are the Eclipse Competition rules:

Northwest middle and high schools only, one team entry per grade level.

The majority of the team members need to be Native Americans, and each team must have an adult supervisor/mentor approved by the team's school.

Entries must include the names of students, grades and written permission from the parent or guardian to participate.

To enter, each team must submit a one-page essay on the significance of the eclipse in their culture, and describe a small science payload—for example, a tem-

perature or pressure measurement tool—or a student-built artifact such as a bracelet or mascot.

The payload item will be photographed against the background of the eclipse.

Based on the essays, top teams will receive a kit of basic materials to develop their payloads. Finalists will be selected in spring 2017, and will receive up to \$1,000 in travel support to attend the launch and community-led eclipse celebration on the Warm Springs Reservation.

We will fly as many payloads as possible. All teams are encouraged to attend, but travel support will be limited to the most promising payloads.

If you have questions, please contact Juan-Carlos Chavez, associate director of the Washington Space Grant Consortium, at: [nwssp@uw.edu](mailto:nwssp@uw.edu)

Team proposals are due October 15, 2016.

### Balloon launch

The balloon and launch facilities will be provided by the Northwest Earth and Space Sciences Pipeline, sponsored by NASA Science Mission Directorate.

This will be the second partnership project between the Confederated Tribes and NASA: Earlier this year, the tribes worked with NASA, Oregon Health Sciences University, OMSI and the Univer-

sity of Washington on a rocket launch at the Warm Springs Academy.

The tribes' Unmanned Aerial Systems program, part of Ventures, were also partners in this educational program.

The Warm Springs UAS program is an FAA-approved test range, one of 12 in the U.S., and the only range that is owned by a sovereign tribal nation.

As a national test site, we serve much like an airport for drones. We feel fortunate to offer research and development for Science, Technology, Engineering and Mathematics (STEM) activities—plus incredible partnership with NASA, OMSI, SOAR Oregon, University of Alaska, University of Oregon, University of Washington, and the FAA.

For more information and for registration to participate in this one-of-a-kind event, please contact Aurolyn Stwyer at Warm Springs Ventures: [warmspringsventures.com](http://warmspringsventures.com)

Or: [aurolyn.stwyer@wstribes.org](mailto:aurolyn.stwyer@wstribes.org)

The telephone number is 541-553-3565. Also for more information, see the ad at the bottom of this page.

Sincerely,  
**Eugene Austin Greene,**  
Chairman, Warm Springs Tribal Council.

## Kalama up for NAMA



Cover of *Beam Me Up*

The Native American Music Awards are coming up in September 17, and Scott Kalama, performance name Blue Flamez, is a nominee.

Blue Flamez, of Warm Springs, is nominated in the Best Rap/Hip Hop/R&B Recording category.

His album is *Beam Me Up*. Scott works in Warm Springs Health and Human Services-Prevention. You can vote on the NAMA nominees at the website: [nativeamericanmusicawards.com](http://nativeamericanmusicawards.com)

## Hydrant mishap



D.McMechan/Spilyay

Utilities workers deal with a water emergency situation by the Family Resource Center. The previous evening, someone drive into the fire hydrant by the resource center building. A large amount of water flowed down the street before Utilities was able to fix the problem.

**Note from tribal management:** All draft resolutions and ordinances to be presented to Tribal Council, including any attachments or exhibits, are due by the first Friday of each month by 5 p.m., either hard copy or email (Word form) for review. No exceptions. Send to: [lynn.davis@wstribes.org](mailto:lynn.davis@wstribes.org) [glendon.smith@wstribes.org](mailto:glendon.smith@wstribes.org) [cr.begay@wstribes.org](mailto:cr.begay@wstribes.org)

## Wellness Powwow on Tuesday at Counseling

A Wellness Powwow is planned for Tuesday, September 6, on the front lawn of the Warm Springs Community Counseling Center.

The powwow starts at 5:30

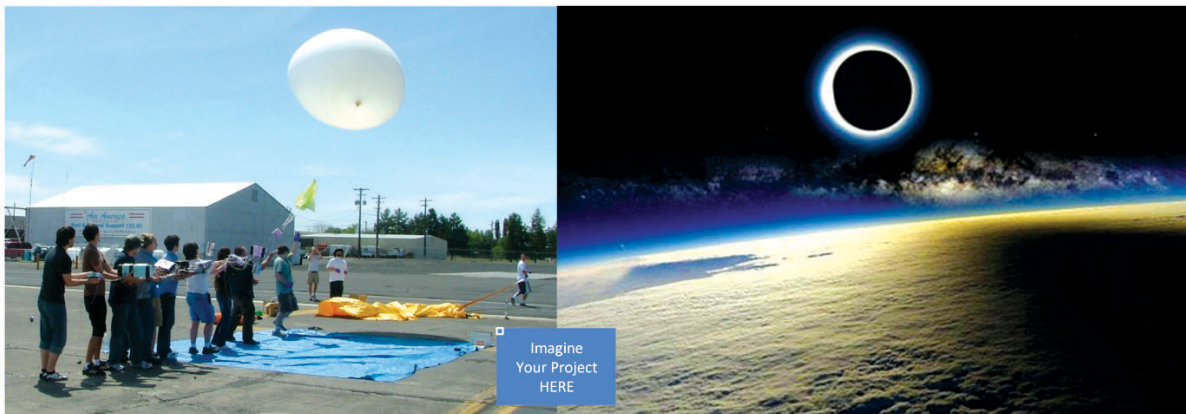
p.m. Sack lunches will be provided. All drums are welcome, and all community members are encouraged to attend.

The powwow is hosted by the Health and Human Services, and

the Warm Springs Community Counseling Center.

The powwow is in recognition of September as National Recovery Month.

# OUR RESERVATION, OUR ECLIPSE OUR LAUNCH COMPETITION



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To celebrate this momentous event, Native American teams are invited to develop a high altitude balloon payload that will fly to the edge of space during the eclipse and gain an unprecedented view of the shadow of the moon on our Earth.

### Eclipse Launch Competition Rules

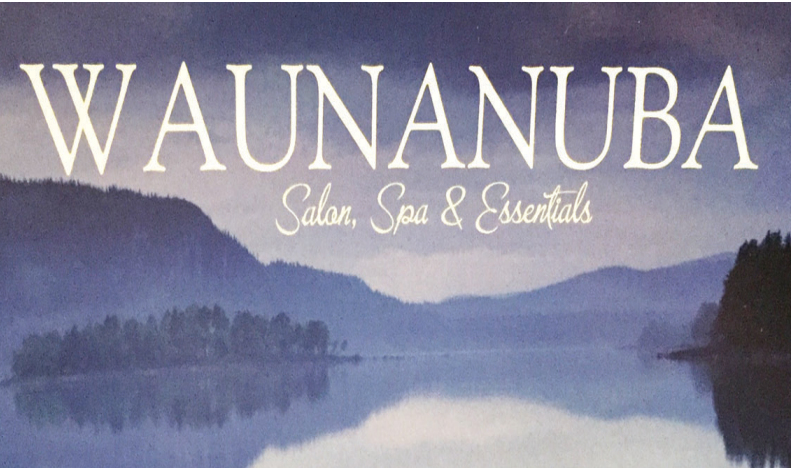
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- The majority of team members need to be Native Americans, and each team must have an adult supervisor/mentor approved by the team's school.
- Entries must include names of students, grades and written permission from parent or guardian to participate.

To enter, each team must submit a one-page essay on the significance of the eclipse in their culture, and describe a small science payload (i.e. a temperature or pressure measurement tool) or a student-built artifact (i.e. a bracelet or mascot) to be photographed against the background of the eclipse. Top teams will receive a kit of basic materials to develop their payloads. Finalists will be selected in Spring 2017 and receive up to \$1,000 in travel support to attend the launch and community-led eclipse celebration on the Warm Springs Reservation. We will fly as many payloads as possible. All teams are encourage to attend but travel support will be limited to the most promising payloads.



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**Team proposals are due October 15, 2016**

Balloon and launch facilities provided by Northwest Earth & Space Sciences Pipeline, which is sponsored by NASA Science Mission Directorate.



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