Virtual Wildfire Simulation and Visualization Camp

Los Alamos National Laboratory

December 7-18, 2020
Program Details

From December 7-18, 2020 Los Alamos National Laboratory will be hosting a two-week virtual camp for undergraduate students who attend Tribal Colleges and Universities, and are interested in advancing their knowledge in wildfire simulation and visualization. Using real world data LANL scientists use to study wildfires, participants will use ParaView to develop graphical and animated representations that help to reveal patterns and convey meaning. The information produced by wildfire simulation and visualization leads to actionable insights that can aid in wildfire suppression to protect the public, ecosystems, watersheds, and air quality.
What you need to know:

- Participants will be provided a $1,000 stipend.
- The entire camp will be virtual.
- The expected time commitment for participants is approximately six hours per day for the duration of the camp.
- In addition to developing technical skills, participants will have professional development opportunities.
- The deadline to apply is November 9, 2020 by 11:59PM.
Eligibility Requirements

- Undergraduate student attending a Tribal College or University and/or is an AISES member
- Minimum 3.0 cumulative GPA
- One semester minimum of experience working on a programming project
- Completed a course in College Algebra, Statistics, Calculus OR a higher level mathematics course
How to Apply

1. Complete the application form [here](#).
2. Email a resume and current unofficial transcript to Cassandra Casperson at casperson@lanl.gov by 11:59PM on November 9, 2020.
3. Students will be notified regarding selection by 5PM on November 16, 2020.
Questions?

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Links:
• Los Alamos National Laboratory
• Student Programs Office