Virtual Wildfire Simulation and Visualization Camp

Los Alamos National Laboratory

June 6-17, 2022
From June 6-17, 2022 Los Alamos National Laboratory will host a two-week virtual camp for students who 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. Participants will need access to a computer and internet for the duration of the camp.
- 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 application will open on January 1, 2022 and the deadline to apply is April 3, 2022 by 11:59PM.
Eligibility Requirements

- High school seniors and undergraduate students are encouraged to apply.
- Minimum 3.0 cumulative GPA.
- Computing skills such as programming, AutoCAD, GIS, etc. Students with programming experience will be given preference.
- Completed a course in College Algebra (or equivalent for high school students), Statistics, Calculus OR a higher level mathematics course.
How to Apply

• Complete the application form [here](#) which will open on January 1, 2022.
• The deadline to apply is 11:59PM on April 3, 2022.
Questions?

Cassandra Casperson
Student Programs Office
Los Alamos National Laboratory
casperson@lanl.gov
(505)695-3506

Links:
• Los Alamos National Laboratory
• Student Programs Office