



2023 National Youth Science Camp

apply at apply.nyscamp.org

INFORMATION FOR NEW MEXICO STUDENTS

PRESENTED BY NEW MEXICO ACADEMY OF SCIENCE

New Mexico

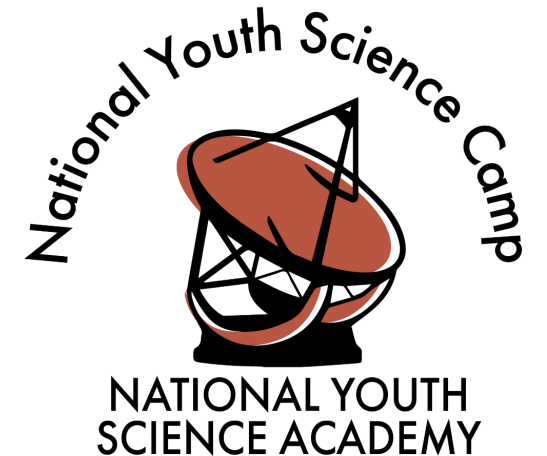
Margaret Showalter
State Selection Coordinator
nysc@nmas.org

**New Mexico Academy of Science
(NMAAS)**
www.nmas.org/nysc

National

National Youth Science Academy
www.nysacademy.org

National Youth Science Camp
www.nyscamp.org
apply.nyscamp.org



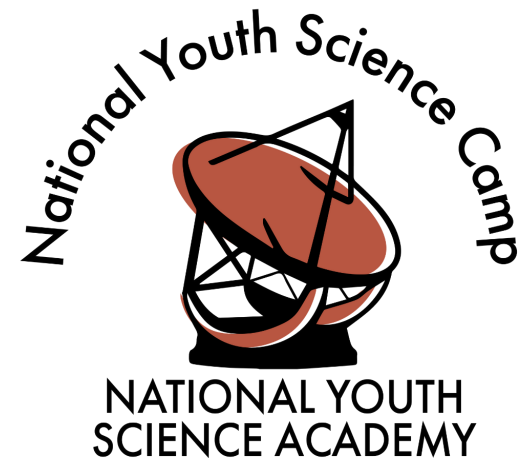
What is NYSCamp?

A program of National Youth Science Academy

Started in 1963

Two delegates from each state and some international candidates

National Youth Science Camp (NYSCamp) is a residential science, technology, engineering, arts, and mathematics (STEAM) program designed to honor and challenge some of the nation's rising leaders and provide them with opportunities to engage with STEAM professionals and participate in exciting outdoor activities



National Youth Science **CAMP**

Since 1963

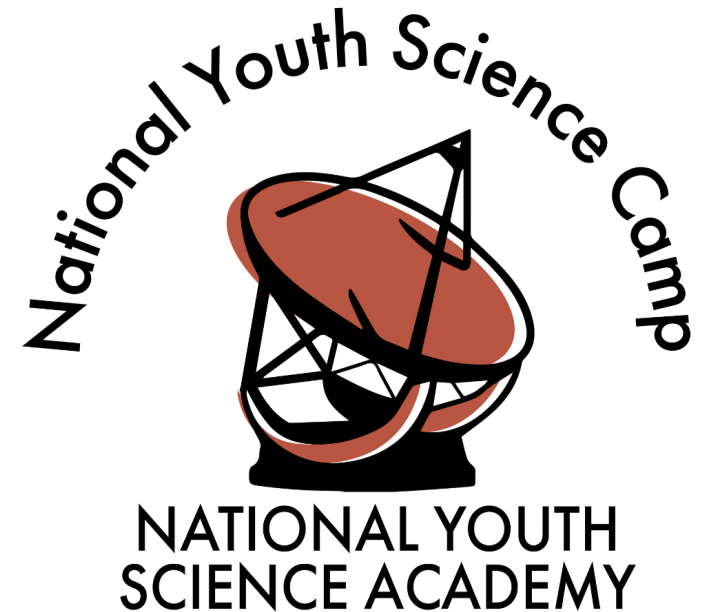
In person camp through 2019

Location West Virginia

Virtual camp 2020-2022

2023: Hybrid Model

- 5 days of virtual camp
- 2.5 weeks of in person camp



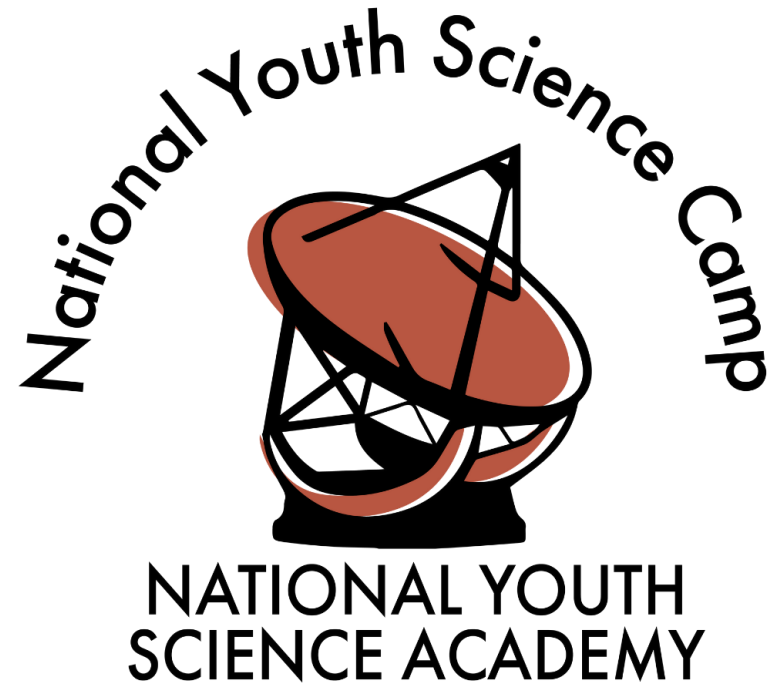
Summer 2023 Camp Dates

June 19 – July 12

Virtual: June 19 – 23

In Person: June 24 – July 12

Camp Pocahontas, WV



Some 2022 Topics and Speakers

“Preparing for Human Missions to Mars: Strategy for using ISS and Artemis as Analogs

Julie Robinson (ID 1985) Chief Scientist and Manager for Science & Technology Utilization in the Human Exploration and Operations, [NASA](#)

“So You Want to be a Data Scientist?”

Alyson Wilson, PhD (WV 1985) Associate Vice Chancellor for National Security and Special Research Initiatives, [North Carolina State University](#)

“Gene Editing with CRISPR - Opportunities & Challenges”

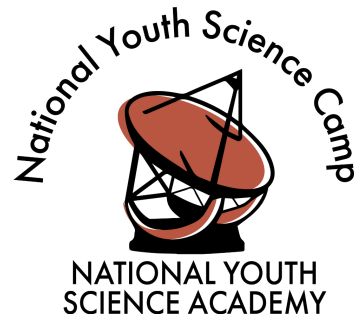
Enrique Lin Shaio, PhD Asset Acquisitions Associate, [BridgeBio](#)

“Confronting Climate Gridlock”

Daniel Cohan, PhD Associate Professor of Civil and Environmental Engineering, [Rice University](#)

“Purpose, Power, and Popcorn: How the Movies (and TV) Just Might Change the World”

Rachel Cooke, Senior Director of Impact, [One Community](#)



Other Notable Speakers (previous years)

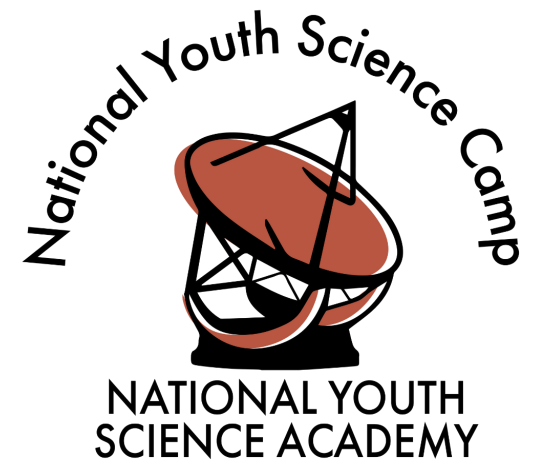
Neil deGrasse Tyson, Astrophysicist and TV Personality

Neil Armstrong, Apollo Astronaut who walked on the Moon

John Nash, Mathematician and subject of the film A Beautiful Mind

Marissa Mayer, former President and CEO of Yahoo!

Additional speakers and alumni at www.nyscamp.org

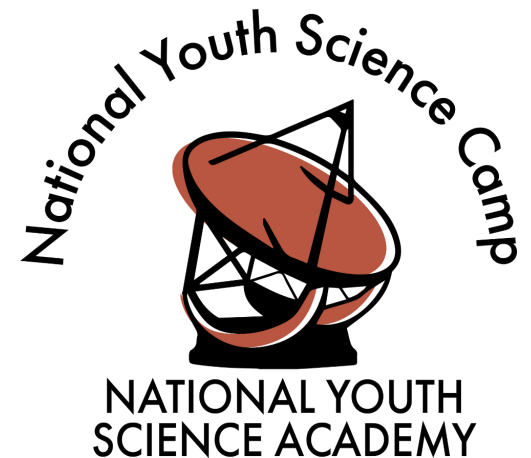


How Much Does It Cost?

Selected delegates attend camp for **FREE**

All expenses including transportation, housing, and meals are included

All that is expected of you is that you commit to attendance for the full duration of camp



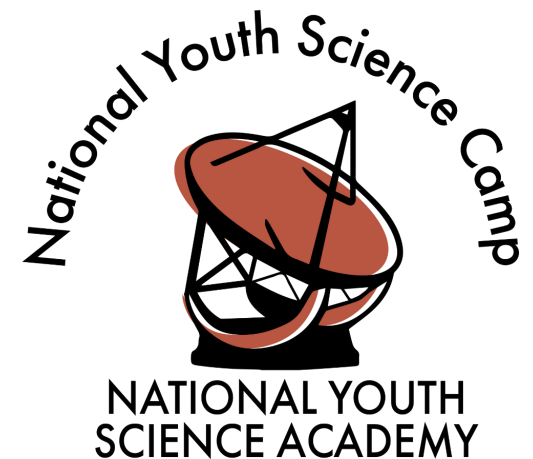
Who can apply?

Current High School **Juniors** and **Seniors**

Graduation July 2022 through June 2024

New for 2023:

Accepting applications from Juniors



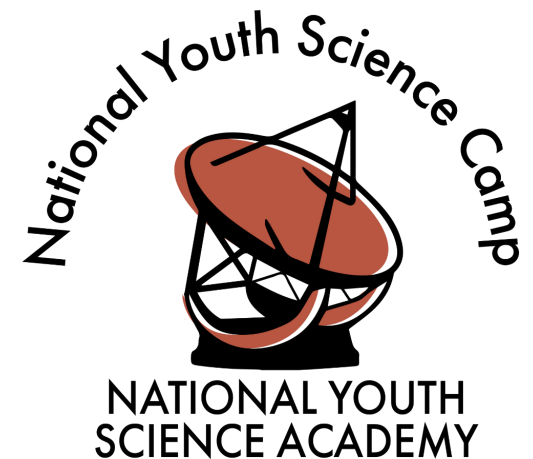
How to Apply

apply.nyscamp.org

A complete application includes

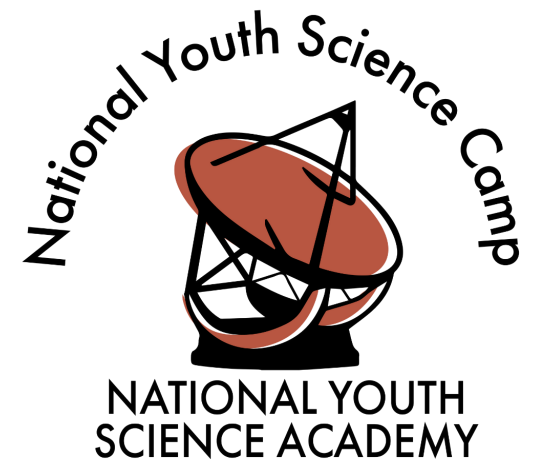
- ❑ Contact information – for yourself, your parents, and your school
- ❑ PDF copy of high school transcript
- ❑ Resume
- ❑ Letter of recommendation
- ❑ Letter of application that addresses the following
 - Why you want to attend NYSCamp
 - How you are qualified to attend
 - How you think attending camp will benefit you
 - Your thoughts on the social impacts of science

Application Deadline Feb 28, 2023 by 4pm MST (6pm EST)



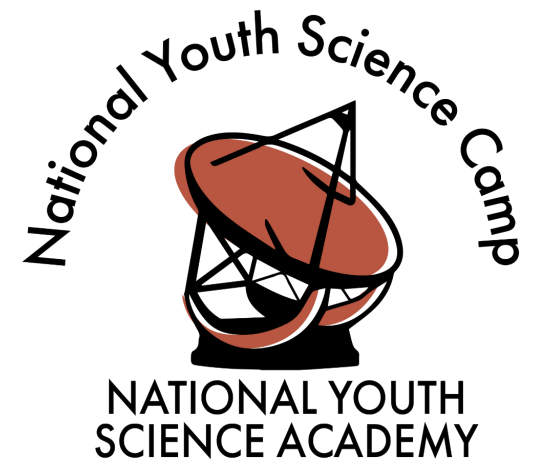
Candidate Selection Criteria

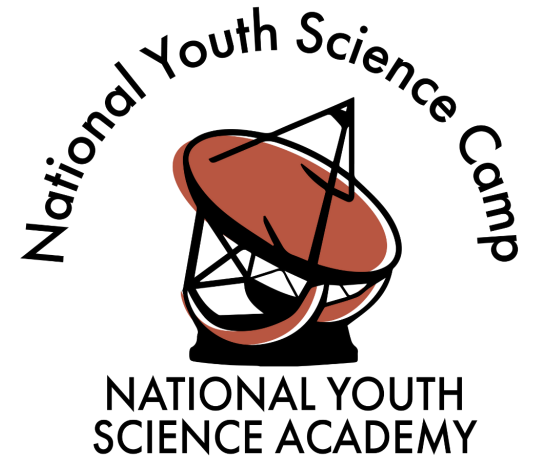
- ❑ Superior academic record
- ❑ Notable achievements in STEAM
- ❑ Skills and achievements in areas outside of STEAM
- ❑ Demonstrated curiosity and desire to learn new things
- ❑ Intent to pursue higher education/career in STEAM
- ❑ Senior applications get extra consideration



What happens after I apply?

- ❑ Application Deadline **February 28**
- ❑ Candidates notified by **March 15**: 2 delegates and 2 alternates
- ❑ Delegate decision and paperwork due by **April 10**
- ❑ Alternates contacted if primary delegate unable to attend
- ❑ **June 19** Camp Start Date





What's It Like to Attend?

OTHELLO GAMBOA, NM TECH STUDENT

2021 NYSCAMP NM DELEGATE, 2022 CAMP STAPH

Questions?

nysc@nmas.org

www.nyscamp.org

apply.nyscamp.org

C O N T A C T

 nyscamp@nysacademy.org

 +1 (304) 205-9724

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