

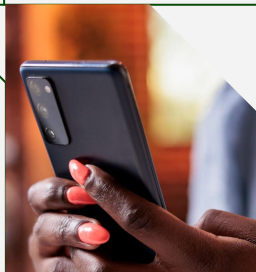


STARS@SLU 2025

Session on Summer Opportunities

Summer Camps and Programs

How it works



What to expect?

- Workshops
- Hands-on experiments
- Lecture series
- Guest speakers

How to apply?

Selection typically based on essays and/or teacher recommendations

Does it cost?

Many of the STEM summer programs are FREE, but highly competitive!

Have huge impact on your college applications!

Summer 2025

Local

Here is the list of some summer opportunities at local institutions:

- [STEM Pre-College Programs](#) - Saint Louis University
- [Summer Programs](#) - Washington University in Saint Louis
- [Bridge Programs](#) - University of Missouri - St. Louis

National

- [Canada/USA MathCamp](#) – Typically hosted at a college campus in the States for high school students
- [MITES Summer](#) – Hosted by MIT for high school Juniors from underrepresented backgrounds
- [SAMS](#) – Hosted by Carnegie Mellon University for high school students from underrepresented backgrounds
- [STREAM](#) – Various Location for middle high school girls of color
- [PROMYS](#) – Hosted by Boston University for High school students focusing on Number Theory and problem solving

Research & Internship Programs

National

- [MathLy-EST](#) - Summer research program hosted by Bryn Mawr College
- [Jackson Laboratory Summer Student Program](#) - Hosted by Jackson Laboratory for high school senior and undergrads focusing on biomedical research
- [Summer Research Experience and Mentoring Program \(REM\)](#) - Hosted by Northwestern University offering engineering research projects for high school, 2-year, and 4-year degree program students
- [Simons Summer Research Program](#) - Hosted by Stony Brook University offering hands on research in science, math or engineering for high school juniors
- [Research Science Institute \(RSI\)](#) - Hosted by MIT offering science and technology research projects for high school juniors.
- [Center for Talented Youth](#) - Hosted by John Hopkins University

REU

REU (Research Experiences for Undergraduates) is a summer program designed to engage undergraduates in mathematical research projects. These projects involve students in meaningful ways in ongoing research programs or in research projects specifically designed for the REU program. Contacting directly faculty to work on a research project is also another way to get a summer experience in research.

- [NSF REU SITES](#)

Meet the panelist

Jop Gielingh

Senior
Majoring in Data
Science



Summer Experience

Intern at World Wide
Technology with the
Leads to Quotes
team

Izzy Luebbert

Senior
Majoring in Data
Science



Summer Experience

at Solis Cyber
Security

Elsa Mulat

Senior
Majoring in Public
Health



Summer Experiences

ASSURE at WashU,
conducted research in the
SICU on central lines.

Chronic Pain Lab at WashU
as a Clinical Research
Coordinator

Sasha Trejo-Arciles

Senior
Majoring in Computer
Science



Summer Experience

REU program at
Duke University