

2025

STEM Institute



June 1-13, 2025

Apply online at

osc.edu/si

Apply by: April 1

Learn and explore the world of supercomputing

The Ohio Supercomputer Center's STEM Institute (SI) empowers Ohio's future STEM leaders to develop their passions through high-impact learning experiences and immersive teamwork. This unique residential program is for high school students currently in their freshman, sophomore or junior years of high school.

Working in small teams alongside peers and experts, students investigate complex, real-world science and engineering problems using computational science on actual supercomputers. Participants also develop team-building skills and get a taste of college life while living and dining at The Ohio State University.

Past SI student projects include video game programming and motion capture, network design and engineering, parallel processing, visualization and more.