



A dream, activated



Talented, motivated kids spring from every background, culture, and neighborhood. But not all of them have access to programs or people that allow them to visualize how their dreams can become real.

Lehigh University's Summer Engineering Institute (SEI) is a chance for deserving kids to experience the challenge and thrill of science, technology, engineering and math in a cooperative, team-based environment.

Topics and projects are drawn from across majors and disciplines. It's a lab-based, research-centric approach to learning that provides a glimpse into the world of science and technology through a variety of settings and activities.

Lehigh students and faculty lead these enriching academic experiences, serving as mentors and role models and breathing life into the idea that such a future is within reach.

For high-schoolers from underrepresented groups, many of whom would be first-generation college students, SEI may activate dreams they didn't even know they had.

SEI Highlights

- > More than 30 motivated high school juniors and seniors per session**
- > Students selected for participation by school districts across the Lehigh Valley, and beyond**
- > Exposure to STEM through hands-on collaborative projects, dynamic classroom discussion, and field trips to regional science and tech businesses and research centers**
- > Topics include 3D printing, nano-materials, earthquake mitigation, bio-engineering, manufacturing, and more!**

Session I: June 30-July 13, 2024

Session II: July 14-July 27, 2024

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