

High School Internship Opportunities with SEE



Systems
Education
Experiences

The Systems Education Experiences (SEE) program at the Institute for Systems Biology (ISB) in Seattle will be offering **three distinct opportunities during the current and upcoming academic year and the summer of 2022**. High school students will learn about systems biology and apply their learning to a research project. **Students will learn lab and computer-based skills**. Students will also learn about various professional paths, develop a web page that describes their experiences, and may assist in the optimization of lab experiences for high school classrooms.

**Apply Here by
3/16!**



Visit <https://bit.ly/SEE-Internships> for more information. Use the above QR code or visit <https://isbscience.org/about/careers/> to apply for a "High School Intern / Ambassador" position.

7-week (~280 hour) Internship: Topics include but are not limited to: computational biology, microbial interactions, resilience and collapse of complex systems, the microbiome, microbial evolution, cancer, systems medicine, and bioengineering with algae. All projects are aligned with a current ISB project which is driven by a mentor. We are seeking 4-10 High School Interns to work with the Baliga Lab and/or other ISB Labs during the summer before their senior year.

Current 11th Graders | \$4,700 stipend | July 5th - August 19th, 2022

Environmental Systems in the Outdoors Research Experience: The experience will be primarily virtual, but students will be equipped with the skills for going outside to investigate their local environment and using a holistic systems approach. Synchronous sessions will be centered around learning about and modeling environmental systems. Then asynchronous times will be spent outside, choosing your systems and planning and implementing your environmental research study. We are seeking 50 students for this virtual experience.

10th or 11th Graders | Need-based stipends available | 40-80 hours

Systems Thinkers in STEM Ambassadorship (STiSA): All applicants who complete the full application will be accepted into STiSA. Participants will first be invited to attend a 2-hour, virtual workshop: "Systems are Everywhere." Students will learn about systems modeling and how systems thinking is used in research & careers. After attending a 2-hour workshop, students will be invited to join a Slack channel to collaborate and learn about future opportunities.

10th or 11th Graders | Various dates beginning in spring 2022