

Vanderbilt Research Opportunities for High School Students

Research Experience for High School Students (REHSS)

Brief Overview: The Research Experience for High School Students (REHSS) Program is a program for current Interdisciplinary Science and Research students. Here, students complete an intensive, 6-week scientific research internship at Vanderbilt University, centering on full immersion in a Vanderbilt University or Vanderbilt University Medical Center research lab. Students engage in an independent research project under the mentorship of a research faculty member at Vanderbilt. These rising high school seniors should show an interest in a career in the fields of science, technology, engineering, or mathematics (STEM).

Web: <https://www.vanderbilt.edu/cseo/programs/high-school-programs/research-experience-for-high-school-students-rehss/>

The School for Science and Math at Vanderbilt (SSMV)

Brief Overview: The School for Science and Math at Vanderbilt is a joint venture between Vanderbilt University and Metropolitan Nashville Public Schools (MNPS). The SSMV offers high school students a four-year, interdisciplinary, research-centered learning experience at one of the nation's most prestigious universities, where internationally recognized faculty are leading the way in diverse fields of scientific study.

Web: <https://www.vanderbilt.edu/cseo/programs/high-school-programs/ssmv/>

Interdisciplinary Science and Research Program (ISR)

Brief Overview: The Interdisciplinary Science & Research (ISR) Program is a partnership between the Vanderbilt Collaborative STEM Education and Outreach, formerly the Vanderbilt Center for Science Outreach, and Metropolitan Nashville Public Schools to enhance students' understandings of STEM concepts and research principles and to empower teachers through scientific research. ISR course offerings are available to students at Stratford STEM Magnet High School, Hillsboro High School and John Overton High School. All courses are co-taught by a scientist-teacher team focused on individualized instruction to meet student needs. The program transitions students from understanding the basics of scientific disciplines in the first year to performing independent research in their junior and senior years. The Interdisciplinary Science & Research Program is elevating the learning and teaching of science, preparing students to solve 21st century problems

Web: <https://www.vanderbilt.edu/cseo/programs/high-school-programs/isr/>

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Discover Biomedical Research Summer Program

Brief Overview: A Hands-On Introduction to Medical Research Careers from Diverse Early Career Professionals. Welcoming curious students from diverse backgrounds, the Initiative for Maximizing Student Development (IMSD) at Vanderbilt University is hosting a 2-week learning basic lab skills program for high school students from Nashville and surrounding areas.

The Discover Biomedical Research Summer Program will begin June 12, 2023, to June 23, 2023. The program will operate from 9:00 a.m. to 4:00 p.m. daily during the 2-week period. Eligible students must be rising 10th, 11th and 12th grade students that are 16 years old or older. No prior lab experience is needed.

Web: <https://medschool.vanderbilt.edu/imsd/high-school-summer-program/>