



**GSEI**  
GEORGIA  
SCIENCE  
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**SEPA** SCIENCE EDUCATION  
PARTNERSHIP AWARD  
SUPPORTED BY THE NATIONAL INSTITUTES OF HEALTH



**2024 SUMMER CANCER BIG DATA ACADEMY  
FOR MIDDLE SCHOOL GIRLS  
DATA DETECTIVES: USING REAL DATA TO SOLVE REAL COMMUNITY  
HEALTH PROBLEMS**

Emory University's Georgia Science Education Initiative (<https://www.ga-science.org/>) is hosting a summer day STEM Academy for rising 7<sup>th</sup> grade through rising 9<sup>th</sup> grade middle school girls at the Winship Cancer Institute of Emory University. The program requires students to register and apply for limited slots. **The program is free.**

There will be two one-week sessions offered:

Session 1: Monday June 24 – Friday June 28 Starts 9am, ends 330pm each day

Session 2: Monday July 29 – Friday August 2 Starts 9am, ends 330pm each day

**Students will attend ONLY ONE SESSION.**

Students should indicate on the registration form if they prefer or are available to attend one or both sessions based on their schedules.

Students selected will be assigned to ONE session to attend.

Program is held in person on Emory University campus. Participating students need to be dropped off at Emory University site, and each afternoon they need to be picked up and transported back from Emory. Lunch and snacks will be provided each day.

The focus of the STEM Academy will be on problem-based learning involving cancer, starting with cancer epidemiology and cell biology, and incorporating data sciences, including Big Data and AI, to help solve community-based cancer issues. Students will also interact with Emory Undergraduate and Graduate students as mentors to learn more about college applications, transition to college, and building and using networks. Students will work in small teams to solve problems and present their findings at the end of the week.

Students and parents/guardians must complete the registration forms **by May 24, 2024** to be considered for inclusion. The registration forms are online at:

<https://www.ga-science.org/summer-academy>

Please email [info@ga-science.org](mailto:info@ga-science.org) with any questions.

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