

PAULDING COUNTY HIGH SCHOOL ACADEMY OF SCIENCE, RESEARCH, & MEDICINE

(GEORGIA DOE STEM CERTIFIED)



ABOUT US

Established in 2012, the Academy of Science, Research, & Medicine became the first and only high school in the PCSD to achieve STEM Certification from the Georgia Department of Education. This program is ideal for students interested in career fields involving any aspect of science, medicine,

mathematics, and research. Our graduates range from aspiring surgeons to biomedical engineers, published researchers, conservation biologists, nuclear physicists, and pediatricians. Career options are truly limitless!

Learn more at www.PCHSmagnet.com and <https://hdejohmathis.wixsite.com/the-academy-of-sciences>

BIOTECHNOLOGY

In the Biotechnology pathway, students are exposed to a rigorous curriculum emphasizing biotech research and lab-based skills. Through local partnerships, students conduct cutting-edge research with topics ranging from biofuels and nanotechnology. The Atlanta area is rapidly becoming the next major biotech hub. The aim of the Biotechnology pathway is to prepare students with the skills needed to enter this lucrative industry.

ALLIED HEALTH & MEDICINE

In the Allied Health & Medicine pathway, students have the opportunity to develop knowledge in multiple healthcare fields, including Medical Lab Services, Psychiatry Services, Veterinary Tech, and Public Health and Epidemiology. The standards in this pathway are adjusted to meet student interests and to provide classes with a unique learning experience including a wide variety of guest speakers, onsite clinicals, and simulated classroom experiences. The aim of the Allied Health & Medicine pathway is to introduce students to the many disciplines available in the field of medicine.

BENEFITS OF THE ACADEMY OF SCIENCE, RESEARCH, & MEDICINE

- Program is established and has received national recognition
- Cohorts attend classes together (i.e., working with like-minded students)
- Real-world connections between education and career choices with fully integrated cross-curricular instruction
- Partnership with local employers and agencies (GA DNR, WellStar hospital, KSU, UGA, Emory, etc.)



Graduates have been accepted into prestigious universities, including MIT, Princeton, Rice, Georgia Tech, Yale, Vanderbilt, University of Pennsylvania, Stanford, Cal Tech, Notre Dame, UNC Chapel Hill, Duke, and UGA.

- *Academic Excellence*

Opportunity to earn college credits! Students graduate on average with 12-13 guaranteed AP courses on their transcript. In addition, students can participate in dual enrollment.

HOW TO APPLY:

01

Complete the application process starting on the Paulding County School District Website:
<https://www.paulding.k12.ga.us/Page/47291>

03

Turn in the application to the PCHS front office between January 24th-March 5th, 2025

02

Gather needed information, including references, transcripts, etc.

04

Be prepared for the in-person interview at a local middle school (dates TBA)



