

ACADEMICS

Walton High School STEM Academy - Marietta, GA

Advanced Math & Science (AMS) Pathway

12th Grade, Class of 2027; GPA: 4.0 UW / 4.688 W; SAT: 1540 (English 750 / Math 790)

2024 Walton Honor Roll, received a congratulatory letter from U.S. Congressman Dr. Rich McCormick

2024 Awarded Walton High School Fine Arts Student of the Month

2025 AP Scholar with Distinction

2026 Walton Outstanding Achievement Award by STEM Academy AMS Pathway – 1 of 2 juniors

2026 Walton Outstanding Achievement Award by English Department – 1 of 2 juniors

2026 Georgia Certificate of Merit by State of Georgia and University of Georgia - Top 10% of Class

STEM HONORS & ACTIVITIES

Researcher, AI/ML

Research project: *Machine Learning Approaches to Brain Connectivity in Autism*

2026 Regeneron International Science & Engineering Fair (ISEF) Finalist - advanced from

Georgia Science & Engineering Fair (GSEF), top 4 out of ~360 high school GSEF-qualifiers;

- GSEF Top 10 Grand Award
- GSEF Best in Category Award (Computational Biology & Bioinformatics)
- GSEF Special Award: Innovation Prize by Citadel Securities (Top Tier Quant Firm)
- 1st Place Winner - 2026 Cobb/Paulding Regional Science & Engineering Fair
- Top-place winner of Walton Science Fair

2027 Regeneron Scientific Talent Search (STS) - to improve and expand ISEF research project into a formal 20-page max research paper for STS application (expected Nov. 2026)

Founder, ParentLensAI

- Developed a Python-based GenAI companion app leveraging RAG architecture, vector database retrieval, on-device LLMs, deployed via a Streamlit UI; Currently in beta testing.
- Enabled parents of children with autism to track development, synthesize data, and generate personalized insights for better decision-making without compromising privacy.

Other STEM Activities

- **MathWorks Math Modeling (M3) Challenge** - under nonstop 14-hour time constraint developed a solution in the format of a research paper to solve a real-world problem using applied math, data science, and modeling, competing with teams in US, England and Wales, 2026
- **Microplastics Mapping in the Chattahoochee River**: A Community-Engaged Research Project, funded by Atlanta Mayor's Office, Youth Climate Action Fund, and Bloomberg Philanthropies, 2025 (PI: Michelle Huang, Prof. of Chemistry, Georgia Gwinnett College)
- **2nd Place Winner** of Metropolitan North Georgia Water Planning District High School Video Contest for Spanish language, 2024

INTERNSHIP

STEP Program, School of Aerospace Engineering, Georgia Tech (July, 2026)

- Selected for a competitive team-based program designing and prototyping solutions to open-ended engineering challenges aligned with active research efforts of Georgia Tech
- Collaborate with peers and present prototype and poster to academic and industry reviewers

LEADERSHIP ROLES, TRAINING & EXPERIENCES

- **Class of 2027 Student Representative**, Walton STEM Academy AMS Pathway, a four-year leadership role supporting the academy's key initiatives and partnerships
Co-President (2026-present), President-elect (2025-2026), VP of Outreach (2023-2025), First Step Team, an independent student-run nonprofit with 200+ members serving Metro Atlanta area
- **Treasurer**, Walton High School Student Government Association (SGA), 2023-2024
- **Student Representative**, Expect Respect Student Anti-Bullying Advisory Council, Cobb County Schools, 2023-2025
- **Dale Carnegie Training** with scholarship (\$500), selected as next generation trainee by North America Volunteers, 2024
- **Leadership Trainee** with scholarship (\$800), North America Volunteers Leadership Camp, 2024
- **Founding member, Treasurer & Performer** of Mockingbird Melody Georgia Chapter, a student-run string music ensemble serving senior communities in Georgia and New Jersey, 2023 - present

PUBLIC SERVICE AWARDS

- **North American Prominent Chinese High School Student Public Service Scholarship**, 2026 - one of four recipients
- **President's Volunteer Service Award - Gold Level**, 2023 - 100+ annual service hours; award program discontinued after 2023
- **Shine-A-Light Foundation Award, North America Volunteers**, 2023, 2024, 2025, 2026 - Recognized annually for impactful community service

ACCOMPLISHED VIOLINIST & CLASSICAL MUSIC DISTINCTIONS

- To perform "Zigeunerweisen" violin solo with Walton Chamber Orchestra (expected Nov. 2026)
- Georgia GMEA All-State Full Orchestra: 2023, 2024, 2025 & 2026
- Principal Second Violin, Walton High School Chamber Orchestra, 2025, 2026
- Accepted to Emory Youth Symphony Orchestra (EYSO), 2025
- Accepted to Georgia Youth Symphony Orchestra (GYSO), 2023, 2024
- Principal Second Violin, Cobb County Middle School Honors Orchestra, 2023
- Finalist, National PTA Reflections East Cobb Council in Music Composition, 2023, 2024
- Invited to attend Atlanta Early Music Alliance Workshop for Viola Da Gamba (A predecessor of the violin family popular around 1500-1850 in Western Europe), 2023, 2024
- Selected to Atlanta Chamber Music Festival Residential Program at Emory University, 2023
- Concertmaster/First Violin, Dickerson Middle School Chamber Orchestras, 2022, 2023