



# Poolesville High School

17501 West Willard Road • Poolesville, MD 20837

240-740-2400 • 301-972-7943 (fax)

<http://www.montgomeryschoolsmd.org/schools/poolesvillehs/>

**\*\*CEE-ACT CODE 210825\*\***



**Principal: Mr. Mark Carothers**

*Assistant Principal: Ms. Jennifer Herman*

*School Administrator: Mr. John Butler*

*Coordinator: Ms. Allison Wilder*

## CLASS OF 2019-20

### SCHOOL AND COMMUNITY

Poolesville High School (PHS) was recognized by the *US News and World Report* as a top school in Maryland, meeting Gold Standard qualifications. The whole school magnet model engages and challenges students selected through an application process as well as the students who matriculate to PHS and are interested in a magnet focus area. Through an extremely competitive county-wide application process, 64% of the school population is identified as “highly-able” as recognized by the office of Accelerated and Enriched Instruction. There is a seven-period day with 47 minutes per period for 185 days. Students who are in the Science, Math, Computer Science program have an eighth period. This rural school community is comprised of students with diverse ethnic and socio-economic backgrounds.

### ENROLLMENT - 1179 students

12 <sup>th</sup> Grade -275 students	Asian	32.2%
11 <sup>th</sup> Grade -292 students	African American	5.7%
10 <sup>th</sup> Grade -318 students	Hispanic	7.7%
9 <sup>th</sup> Grade -334students	Multiple Races	5.6%
	White	48.8%

### AP COURSES

Art History, Biology, Calculus, Chemistry, Computer Science, Computer Science Principles, Economics, English Language, English Literature, Environmental Science, US Government and Politics, US History, Human Geography, Macro/Micro Economics, Music Theory, Physics, Psychology, Research, Seminar, Spanish Language, Statistics, Studio Arts and World History

### COURSES BEYOND AP

Analysis 1, Analysis of Algorithms, Analytical Chemistry, Biochemistry, Cellular Physiology, Computer Graphics (JAVA), Computer Modeling and Simulation, Guided Research – Robotics, Introduction to Artificial Intelligence with LISP, Guided Research – Cyber-forensics, Introduction to Genetic Analysis, Linear Algebra, Multivariable Calculus, Optics, Organic Chemistry, Quantum Physics, Thermodynamics, Writing Mobile Applications, and Vector Calculus

### MAGNET PROGRAMS

A whole school magnet is organized around instructional houses made up of small teams of teachers and students from multiple disciplines, centered on a proven magnet course of studies. Students in the PHS catchment area, as well as “out of the area” students, go through a rigorous application/selection process and choose from three instructional houses: Global Ecology House (GH), Humanities House (HH) and Science, Math, Computer Science House (SMCSH). In the Global House, students pursue rigorous interdisciplinary science and social studies curricula focused on the human impact on the natural environment. In the Humanities House, students conduct deep, interdisciplinary research to understand today’s personal and societal issues and work towards solutions. In the Science, Math, Computer Science House, students develop and deepen skills in problem-solving, analysis, and laboratory investigations. All three houses use an interdisciplinary approach to learning which extends beyond the scope of traditional honors courses. Classes are linked sequentially to provide blocking opportunities for deeper investigation of each house focus. Students will earn a GH, HH, or a SMCSH certificate upon completion of the program requirements. All students whose home high school is PHS are eligible for the Independent Studies Program (ISP). Students may earn an ISP Certificate recognizing their focused plan of study in the following areas: Biological and Physical Science, Cultural and Political Studies, Music/Arts/Media Studies, Technology and Math Studies or Original Studies.

## DISTRIBUTION OF CUMULATIVE AVERAGE CLASS OF 2020

**GPA** Students receive a grade point average (GPA) and a weighted grade point average (WGPA). Both are calculated at the end of each semester. All high school level classes are used even those taken in middle school. Credit/no credit courses are excluded. The WGPA for the Class of 2020 is calculated by the addition of one quality point to a grade of A, B, or C for Honors (H), Advanced Level (Adv) and Advanced Placement (AP) courses. The distribution of GPA and WGPA is below.

**RANK** Montgomery County Public Schools does not rank students.

<b>POOLESVILLE HIGH SCHOOL</b>		
<b>RANGE</b>	<b>% of CLASS GPA</b>	<b>% of CLASS WEIGHTED GPA</b>
4.51 & Above	0%	50%
4.01 - 4.50	0%	22%
3.51 - 4.00	67%	18%
3.01 - 3.50	24%	6%
2.51 - 3.00	6%	3%
2.01 - 2.50	1%	0%
1.51 - 2.00	1%	1%
1.01 - 1.50	0%	0%
1.00 - Below	0%	0%

<b>SAT/ACT DATA</b>			
<b>(Highest Average Scores for the Class of 2020)</b>			
<b>HSAT Verbal</b>	<b>HSAT Math</b>	<b>HSAT Total</b>	<b>HACT</b>
652	659	1311	28

<b>AP DATA</b>					
<b>AP CLASS</b>	<b>AVG. SCORE</b>	<b>% Scoring 3, 4 OR 5</b>	<b>AP CLASS</b>	<b>AVG. SCORE</b>	<b>% Scoring 3, 4 OR 5</b>
Art History	4.0	90%	Music Theory	3.9	88%
Biology	4.2	100%	Physics 1	3.6	76%
Calculus AB	3.8	86%	Physics 2	3.4	76%
Calculus BC	4.4	97%	Physics C; E & M	4.2	87%
Chemistry	3.7	80%	Physics C; Mech.	4.3	100%
Chinese Language	4.8	100%	Psychology	3.9	84%
Computer Science	3.8	83%	Research	3.2	88%
Computer Sci. Principles	3.5	84%	Seminar	3.6	93%
English Language	4.1	93%	Spanish Language	4.0	92%
English Literature	3.6	86%	Statistics	4.0	89%
Environmental Science	4.1	92%	Studio Art	3.9	94%
French Language	3.3	67%	US Gov. & Politics	3.7	84%
Human Geography	3.9	79%	US History	3.7	83%
Macro Economics	3.7	85%	World History	3.7	84%
Micro Economics	4.0	93%			

<b>Counseling Services Center</b>					
<b>240.740.2420 • 301.349.4330 (fax)</b>					
Grades 9 – 12	A – E	Mr. Gregory Hand	Registrar	Ms. Susan Hornburg	
Grades 9 – 12	F– Ho	Ms. Melissa Nagy	College/Career Info	Ms. Rosalie Deoto	
Grades 9 – 12	Hp – M	Ms. Barbara Martin	Secretary	Ms. Lisa Fedders	
Grades 9 – 12	N – R	Mr. Angelo Heflin			
Grades 9 – 12	S – Z	Ms. Nelly Boishin			