

Buchholz High math team wins 14th national championship

The Buchholz High School math team has won its 14th national championship, beating its perennial rival to take the title at the national Mu Alpha Theta competition in Alexandria, Virginia.



The BHS team earned the championship by scoring 7157 total points in the competition compared to the 6964 points earned by American Heritage-Broward. Teams earn points based on their members' performance in a variety of both team and individual categories covering such advanced topics as Analytic Geometry, Logs and Exponents, Open Probability and Combinatorics, and Calculus.

The Buchholz team won a total of 304 trophies, a record for both Buchholz and the competition. Many of the team members brought home first-place awards.

Coach and Buchholz math teacher Will Frazer said the school was behind after a poor start on the first day of the competition.

"I think we had a lot of complacency," he said. "We had a team meeting that night and after that everyone really elevated their attitude and focus and we kicked it into high gear."

Frazer also says the older team members in the Calculus/Mu division performed as well or better than any group he's ever had on the team.

The Buchholz team earned a spot in the national competition after winning its 15th Florida championship in April. The national title is the team's 14th out of the last 15 competitions.



Coincidentally, the team's win came just a day after an article in the *Wall Street Journal* chronicled the success of the Buchholz math team and its outreach to younger students under Frazer's leadership. That article, now updated with information about the latest national championship, is available at:

https://www.wsj.com/articles/the-secrets-of-americas-greatest-high-school-math-team-11657791000?st=4l8zzhpk47iahxq&reflink=desktopwebshare_permalink

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The Buchholz students earning first place awards at the national competition include:

Sweepstakes (Relay): Kevin He, Hailey Lin, and Eileen Lai

Poster--Alpha Division: Katie He, Andrew Xing, Philip Matchev, and Thomas Wu; Mu Division: Jake Frazer, Kevin He, Samuel Kim, and Nicholas Dang

Vijay Hans-Theta Logs and Exponents Vijay Hans-Theta Gemini
Ben Zhang-Theta Geometry
Ronald Zhang-Theta Circumference Perimeter Area and Volume

Katie He-Alpha Sequence and Series Katie He-Alpha Complex Numbers Katie He-Alpha Analytic Geometry Hailey Lin-Alpha Gemini
Philip Matchev-Alpha Monumental Math Thomas Wu-Alpha Equations and Inequalities
Andrew Xing-Alpha Trigonometry
Andrew Xing-Open Mental Math Andrew Xing-Alpha Ciphering

Jake Frazer-Mu Integration
Jake Frazer-Mu Sequence and Series Jake Frazer-Mu Ciphering
Jake Frazer-Mu composite Jake Frazer-Mu Comic Sans
Terrence Han-Open History of Math Kevin He-Mu Individual
Kevin He-Mu BC Calculus Alan Qiu-Open Comprehensive
Tucker Shea-Open Probability and Combinatorics Daniel Wang-Open Physics
Jeffrey Xue and Keen Zhang-Open Gemini

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