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AAE student semifinalist for Broadcom MASTERS National Science Fair

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CONTRIBUTED CONTENT

Maddison Perkins, a ninth-grade student at the Academy for Academic Excellence, is a national semi-finalist for the Broadcom MASTERS (Math, Applied Science, Technology and Engineering for Rising Stars) Science and Engineering Competition. Perkins was notified in August that her eighth-grade science experiment was one of 300 science projects chosen from more than 6,000 students nationwide.

The title of Perkins's project is, "To Eat or Not to Eat — The Effects of Certain Foods on Pill Solubility."

Perkins said, "I wanted to help people who take medicine find relief faster. I tried to increase a pill's solubility rate by adding certain foods to the medication that needed to be taken with food. All the samples improved the solubility rate, but one was faster. This would in turn deliver quicker relief to the patient. If you need to take medicine, I suggest eating a small piece of cheese when taking a pill like Ibuprofen."

The finalists of the national competition will spend a week in Washington, D.C., and receive \$25,000. The Broadcom MASTERS was created to reward and inspire sixth-, seventh- and eighth-grade students to continue their studies in math and science throughout high school. For more information about the AAE visit the website at [www.lewiscenter.org/AAE/](http://www.lewiscenter.org/AAE/index.php) index.php.



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