

TENNESSEE STUDENTS WIN 2012-13 SIEMENS AWARDS FOR ADVANCED PLACEMENT

Siemens Foundation Recognizes Frances Ding of Franklin and Lawrence Wang of Knoxville for STEM Achievement

ISELIN, NJ, February 6, 2013— Frances Ding, a senior at Ravenwood High School in Brentwood, and Lawrence Wang, a senior at Farragut High School in Knoxville, today were named the Tennessee state winners of the 2012-13 Siemens Awards for Advanced Placement, a signature program of the Siemens Foundation administered by the College Board. The awards recognize the nation's top achievers in Advanced Placement Program® (AP®) courses in science, technology, engineering and mathematics (STEM) with a \$2,000 college scholarship to one male and one female student in each state. Two national winners (one male and one female) are also recognized, each receiving a \$5,000 scholarship. This year, 101 high school students in all 50 states – including 93 seniors and 8 juniors – were honored.

“We commend this year’s Siemens Awards for Advanced Placement winners on their hard work and dedication to STEM subjects, and we thank the teachers, parents and schools who supported their scholarship,” said Jeniffer Harper-Taylor, president of the Siemens Foundation.

“We are proud to join our partners at the Siemens Foundation in recognizing these exceptional students. Today’s award-winners have the foundation to achieve great success in some of today’s most exciting, innovative careers,” said David Coleman, president of the College Board.



FRANCES DING

Total AP Courses Taken to Date (all disciplines including STEM): 17

Favorite AP Class: Chemistry

Advice to other AP students: Trouble comes when you start falling behind – keep up the pace and don’t be afraid to ask for help.

Proudest Accomplishments: 5th Place at Math Prize for Girls at MIT in 2011; “High Honors” (Top 50) in 2012 US National Chemistry Olympiad

Plans for College Study: Biomedicine and Computational Biology

Anticipated Career: Medical doctor and researcher

Favorite nonacademic pursuits: Coaching middle school math team; principal clarinetist in the Curb Youth Symphony at Vanderbilt; speech and debate (forensics)



LAWRENCE WANG

Total AP Courses Taken to Date (all disciplines including STEM): 15

Favorite AP Class: Physics C: Electricity and Magnetism

Advice to other AP students: Start taking math and science courses early so you can be ready for AP courses. Do not be confined to the material taught in the classroom and take advantage of other resources.

Proudest Accomplishments: Auditioning for Teen Jeopardy!; filing a provisional patent for a noninvasive myopia treatment invention; publishing a research paper based on summer research results on electric car battery charging (all in 2012)

Plans for College Study: Biomedical Engineering

Anticipated Career: A medical doctor or engineer/business person creating diagnostic tools for medical doctors

Favorite nonacademic pursuits: Serving as class secretary in student government association, participating in charity activities with the National Honor Society, swimming

The Siemens Awards for Advanced Placement

Established in 1998, the Siemens Awards for Advanced Placement (http://www.siemens-foundation.org/en/advanced_placement.htm) awards \$2,000 college scholarships to students from each of the 50 states who have earned the greatest number of scores of 5 on exams in the following AP® courses: Biology, Calculus BC, Chemistry, Computer Science A, Environmental Science, Statistics, Physics C Mechanics and Physics C Electricity and Magnetism. Each state potentially has two winners, one male and one female.

For complete information and photos of this year's Siemens Awards for Advanced Placement winners, please visit: <http://www.multivu.com/mnr/60242-siemens-foundation-award-students-for-advanced-placement-exceptional-stem>

The Siemens Foundation

The Siemens Foundation provides more than \$7 million annually in support of educational initiatives in the areas of science, technology, engineering and mathematics (STEM) in the United States. Its signature programs include the Siemens Competition in Math, Science & Technology, Siemens Awards for Advanced Placement, and The Siemens We Can Change the World Challenge, which encourages K-12 students to develop innovative green solutions for environmental issues. By supporting outstanding students today, and recognizing the teachers and schools that inspire their excellence, the Foundation helps nurture tomorrow's scientists and engineers. The Foundation's mission is based on the culture of innovation, research and educational support that is the hallmark of Siemens' U.S. companies and its parent company, Siemens AG. For more information, visit www.siemens-foundation.org. Follow the Siemens Foundation on Twitter [@SFoundation](https://twitter.com/SFoundation) and Facebook at [SiemensFoundation](https://www.facebook.com/SiemensFoundation).

The College Board

The College Board is a mission-driven not-for-profit organization that connects students to college success and opportunity. Founded in 1900, the College Board was created to expand access to higher education. Today, the membership association is made up of more than 6,000 of the world's leading educational institutions and is dedicated to promoting excellence and equity in education. Each year, the College Board helps more than seven million students prepare for a successful transition to college through programs and services in college readiness and college success — including the SAT® and the Advanced Placement Program®. The organization also serves the education community through research and advocacy on behalf of students, educators and schools. For further information, visit www.collegeboard.org.

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