

Sachem Central School District at Holbrook

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Sachem High School East

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Sachem East Senior, Aditya Ramesh, Named Siemens Competition Semifinalist

October 28, 2009

Dear Sachem Friends,

The Siemens Competition in Math, Science & Technology recognizes remarkable talent early on, fostering individual growth for high school students who are willing to challenge themselves through science research. Through this competition, students have an opportunity to achieve national recognition for science research projects that they complete in high school.

The Siemens Foundation announced the Semifinalists and Regional Finalists of the Siemens Competition in Math, Science & Technology on October 23rd, revealing the brightest high school minds in contention for the nation's most coveted teen science prize. We are pleased to announce that Sachem High School East senior, Aditya Ramesh, was announced as one of 318 semifinalists in the nationwide 2009 Siemens Competition.

Since last winter, Aditya has been in the Lab of Dr. Boon (Chemistry Department, Stony Brook University) researching nitric oxide and biofilm formation. The title of the project was: *Kinetic Study of NO Binding to a Mutant H-NOX Domain and the Role of NO in Biofilm Formation in Pseudomonas atlantica*. Additionally, he is still actively doing Biofilm research in the high school lab and is completing his application to the *2010 Intel Science Talent Search*.

Congratulations to Aditya and his family on this outstanding accomplishment.

Sincerely,



Rory Manning
Principal



Aditya Ramesh with Mr. Manning and Sachem East Science Research Teacher, Dr. Michael Vaccariello