

Joseph Puccio

Education

Woods Charter School, Senior Graduating May 2012

UNC Chapel Hill, part time studies student for fall and spring semester

Completed Course Work at UNC: General Chemistry, Calculus 2

Current Course Work at Woods: AP British Literature, AP Statistics, AP U.S. History

Current Course Work at UNC: Multivariable Calculus, Discrete Mathematics

Academic Honors

Most exceptional Math & Science student award (9th, 11th)

Scholar-Athlete Award (9th, 10th, 11th)

Award for excellence in Soccer (11th)

Honorable mention in poetry contest (9th)

Extracurricular Activities and Work Experience

- Physical Chemistry Lab Internship at UNC (11th grade summer)
 - Assisted UNC graduate students with ultrafast spectroscopy, photolithography, and much more.
 - Co-authored paper, published in "The Journal of Physical Chemistry"
- Summer Ventures in Science and Mathematics Participant (10th grade summer)
 - Computer Applications in physics group, final project on dynamical systems and chaos theory
- Captain of Junior Varsity/Varsity Soccer (9th-12th grade)
- Algebra Tutor (11th grade)
- Ethics Bowl Participate (11th and 12th grade)
- Technical Director of Drama Club (11th grade)
- Technical Advisor for Yearbook Committee (11th grade)
- Astronomy Club (11th grade)
- Elected Student Council Representative (9th grade)
- President and Founder of Current Events Club (9th grade)

Independent Work

- Analyzing the Network of Facebook
- Analyzing the Network of Words
- Accidental discovery of the normal distribution curve
- Poking fun with Facebook
- Modeling a Dynamical System
- Geometric Investigation of the Birthday Paradox