

NICOLE F. KONFORTI

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EDUCATION

The High School for Math, Science, and Engineering at the City College of New York

Class of 2016

Current Grade: Grade 12 / Senior

Overall GPA: 97.13 / 100.00

Relevant Courses: Biotechnology, Advanced Spanish, Advanced Placement Chemistry, Advanced Placement BC Calculus

Honor's Society: Semester 1 Marking Period 2, 2013 – Present

Columbia University in the City of New York

Class of 2020

Early decision acceptance at Columbia College, planning to major in Neurobiology or Mathematics

WORK & VOLUNTEER EXPERIENCE

Researcher - The Rockefeller University, New York, NY

Summer 2015

Laboratory of Neurogenetics & Behavior

- Studied salt preferences of mosquitos to understand their attraction to blood

Student - Mount Sinai Hospital, New York, NY

Sept 2015 – Present

Departments of Cardiothoracic Surgery and Psychiatry

- Shadow surgeon while consulting with patients, scrub into surgeries to observe and learn
- Consult with and assess patients in the geriatric and adult psychiatric wards

Secondary investigator - Mount Sinai Hospital, New York, NY

Sept 2014 – Present

Department of Radiology

- Assist in study to correlate cocaine craving and white matter tracks in human brains using MATLAB

Paid intern - Memorial Sloan Kettering Cancer Center, New York, NY

Summer 2014

Intensive Care Unit of Oncology

- Shadowed and assisted Dr. Louis Voigt
- Researched the effect of light and sound in the ICU on patients' well-being, contributed to a published paper

Teacher assistant - Habla Ya, Boquete, Panama

Summer 2013

The Alto Boquete School & School of Tourism

- Instructed and organized beginner English classes for children and adults seeking jobs in tourism

LEADERSHIP & HONORS

Vice President - Junior State of America, New York, NY

Sept 2013 – Present

- Organize state and regional debate competitions in Boston, MA and Washington, DC
- Fundraise and plan regional and national elections for all chapters in the Northeast Division

Chapter Leader - National Honors Society, New York, NY

Sept 2013 – Present

- Organize student events like Breast Cancer Awareness Walk, weekly tutor for students in Spanish, Math and Biology

Student Class Representative - Leadership Elective, New York, NY

Sept 2013 – June 2014

- Organized events such as Oktoberfest and Holiday Sales, represented our school at High School Fairs

Semifinalist - New York City Science and Engineering Fair

March 2016

- Presentation of cocaine study from ongoing Mount Sinai Hospital internship in Radiology Department

EXTRACURRICULAR ACTIVITIES

Student - Piano Instruction, New York, NY

Sept 2004 – Present

Bloomindale School of Music & Private Instruction

- 3rd place in competition for performance of Waltzes, instructed by Judith Olsen
- Focus on Classical and Jazz, music by Phillip Glass, compositions (performed at Carnegie Hall), instructed by Jesse Stacken

Student - Fine Arts Instruction, New York, NY

Sept 2010 – Present

The Art Students League of New York & The New York Academy of Art

- Focus on live models and still life, instructed by Oldrich Tepley
- 10 week study utilizing shade and color with pencil and oil paint, instructed by Dennis Cheaney

Student - Habla Ya, Boquete, Panama

Summer 2013

- Four week Spanish immersion program, including daily Spanish classes and living with a host family

SKILLS & INTERESTS

Skills: Public speaking, Autodesk Inventor and Revit, programming in R and MATLAB, semi-fluent Spanish

Interests: Music, piano, art, debate, yoga, traveling (New Zealand, India, Yucatan), photography, soccer, ballet, swimming/diving