

ALEXIS TURTURICI

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EDUCATION

Columbia University in the City of New York, Columbia College, New York, NY, *September 2020 - Present*

- Relevant Coursework: UN1604 Intensive General Chemistry, UN1500 General Chemistry Lab, UN1201 Calculus III, UN2101 Intermediate Spanish I
- Intended Majors: Chemistry and Latin American and Caribbean Studies
- Expected May 2024

North Carolina School of Science and Mathematics (NCSSM), Durham, NC, *August 2018 - July 2020*

- Relevant Coursework: AP Chemistry with Advanced Topics, AP Calculus BC with Advanced Topics, Materials Chemistry, Analytical Chemistry, Advanced Readings in Spanish

South Brunswick High School (SBHS), Southport, NC, *August 2016 - June 2018*

LEADERSHIP

NCSSM Residential Life Assistant (RLA)

Durham, NC

Reynolds 1E2E2D Hall RLA

August 2019 - July 2020

- Ensured resident mental health, hall cleanliness, and community engagement by leading and creating hall activities, offering counseling, taking nightly role call, and attending monthly trainings

NCSSM Jóvenes Para Ayudar

Durham, NC

Fundraising and Outreach Officer, Tutoring Volunteer

October 2018 - May 2020

- Established and coordinated a fundraiser dance that raised over \$400 for local scholarships for Hispanic students in Durham; volunteered at a local community center tutoring Hispanic elementary school students using both English and Spanish in reading, writing, and math

RESEARCH EXPERIENCE

Owen Lab at Columbia University

New York, NY

Undergraduate Research Assistant

March 2021 - Present

- Assists in the optimization and development of thiourea silylation reactions for the purpose of early-time lead sulfide nanocrystal structural investigations through the Guthikonda Family Chemistry Fellowship

NCSSM Independent Research in Chemistry Project

Durham, NC

Student Researcher

October 2018 - March 2020

- Proposed and conducted an independent yearlong research project on the modification of polymeric films for increased photoelectric density through the use of various electrochemical and synthetic techniques

HONORS

- Guthikonda Family Chemistry Department Fellowship, Columbia University, *March 2021*
- Columbia College Dean's List, *Fall 2020*
- NCSSM Chemistry Departmental Award for Excellence in Science, *May 2020*
- 1st Place Chemistry Project, North Carolina Student Academy of Science, *May 2020*
- 1st Place Chemistry Project, North Carolina Regional Science and Engineering Fair, *February 2020*
- State of North Carolina Undergraduate Research and Creativity Symposium Presentation, *November 2019*