

Callum Newton

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Education

SUNY at Albany:

Interdisciplinary Bachelor's in Biochemistry and Molecular Biology, *Expected 05/2024*
BS/MD Accelerated Scholar Program (SUNY Upstate Medical University)

Aug. 2021-PRESENT

Research Experience

Wang Research Lab, Undergraduate Researcher:

Assisted faculty members with designing experiments, and collecting data.
300+ hours experience.

Jan. 2023 - PRESENT

Central New York Fertility Clinical Research:

Assist with data entry for a published urological infertility study.

Oct. 2019 - May 2020

Publications

Tong et al. (2023) Visible-light-mediated decarbonylation of cyclopropanones, *Tetrahedron Letters*,
Volume 133, <https://doi.org/10.1016/j.tetlet.2023.154838>.

Work Experience

Stingers Pizza Pub, Chef:

Prepared dishes according to established recipes. Trained new chefs on proper cooking
procedures and menu items.

May 2022 - PRESENT

Kumon Math & Reading Center, Tutor:

Tutor preschool through high school students in basic to advanced mathematical and
English concepts. Performed tutor duties remotely during pandemic.

Aug. 2018 - Aug. 2020

Volunteer Experience

Mary Rose Free Health Clinic:

Shadowed doctors and assisted with filing patient records once a week. Assisted
physicians in patient care by transcribing and entering orders into the Electronic
Medical Record system.

May 2019 - Apr. 2022

Fayetteville-Manlius School District Safety and Security Taskforce:

Served as the Sophomore Class liaison on the Board of Education's Safety Taskforce
to combat school shootings. Developed recommendations to present to the School
Board and then implemented across the district.

Sep. 2018 - Feb. 2019

Achievements & Awards

Dean's List [4.0 GPA]: Jan. 2022 - PRESENT

Presidential Honor Society: Jan. 2022 - PRESENT

ACT Composite Score: 35

National Latin Exam Book Award: Jun. 3, 2020

Awarded for scoring a gold medal on four consecutive annual National Latin Exams.

3rd Degree Black Belt in Karate: May 18, 2019

Eagle Scout of America: Nov. 4, 2018

Co-Secretary General of Central New York Model United Nations (CNYMUN): May 2020 - Feb. 2021

Organized the largest, high school-run Model United Nations conference in the United States

Skills

Music

Violin, Vocal, Music Reading

Computer

Microsoft Office Suite, CAD File Design

Technical

3-D Printing Experience

Communication

Public Speaking, Debating