

ANTHONY TAYLOR

520 Beall Ave, Rockville, MD, 20850 · (240) 753-2388

aataylor@loyola.edu

I am a flexible and fast learner with a great memory, people skills, and communication skills. Passionate about all things natural science, my fields of interest include botany, horticulture, entomology, wildlife biology, paleontology/paleobotany, evolution, taxonomy, organic chemistry, mycology, laboratory research and field work.

EXPERIENCE

MARCH 2016 – PRESENT

RETAIL STAFF, GOOD EARTH GARDEN MARKET, POTOMAC, MARYLAND

Retail staff, trained to do everything. Materials management, new staff training, potting, plant care, installation set-up, cashier, customer service.

JULY 29, 2018 – AUGUST 30, 2018

RESEARCH INTERN, NKONZO BUSH ACADEMY, SOUTH AFRICA

Research intern, accompanied company employees to the South African bush to record animal behavior (with a focus on white rhinoceros), also entering qualitative observations and GPS coordinates into their relevant databases.

JULY 24, 2019 – NOVEMBER 19, 2019

CLASS REPRESENTATIVE, THE UNIVERSITY OF AUCKLAND, NEW ZEALAND

A class representative for a Stage Two theology class for the Faculty of Arts at the University of Auckland. Duties included being the liaison between the class and the lecturer; being available for all academic concerns and complaints, communicating these with the lecturer, collaborating with the lecturer to fix any issues, creating and disseminating feedback forms to the class periodically through the semester, attending class representative meetings to communicate class feedback to the school board, and making sure all members of the class are supported with the right kinds of resources to encourage their success.

JANUARY 15, 2020 – MAY 8, 2020

INDEPENDENT RESEARCHER, LOYOLA UNIVERSITY MARYLAND, BIOLOGY DEPT.

Doing forensic botany work under Maren Blohm, Ph.D., in the Loyola University Maryland biology department; running a screening trial for potential molecule accumulation trends in Baltimore weedy plant species that could be used to identify clandestine graves.

COMENCING AUGUST, 2020

TEACHING ASSISTANT, LOYOLA UNIVERSITY MARYLAND, CHEMISTRY DEPT.

Will begin leading undergraduate general chemistry labs for the Loyola University Maryland chemistry department beginning August, 2020. Will include teaching in a pre-lab lecture, supervising the laboratory itself, and grading lab reports.

FEBURARY, 2020 -- PRESENT

TUTOR, LOYOLA UNIVERSITY MARYLAND

Peer-to-peer tutor working for Loyola University Maryland. Tutored fellow undergrads in general chemistry, organic chemistry, organismal biology, and plant physiology. CRLA certified.

EDUCATION

JUNE, 2017

HIGH SCHOOL DIPLOMA, RICHARD MONTGOMERY HIGH SCHOOL

Graduated with a 3.5 GPA, was on Honors Council all four years, and received a student of the year award in the English/Literature department in 9th grade.

ONGOING (EXPECTED 2021)

BACHELORS IN SCIENCE, LOYOLA UNIVERSITY MARYLAND

Biology major and Forensic Science minor, maintaining a 4.0 GPA, was offered a seat on the Honor Code council, and made Dean's List for Freshman and Sophomore years.

JULY, 2019 – NOVEMBER, 2019

CERTIFICATE OF PROFICENCY, THE UNIVERISTY OF AUCKLAND

Study abroad experience, completed a sociology course about New Zealand society along with an upper level theology course about New Zealand religions, an upper level philosophy course about power, critique, and emancipation in human societies, and a plant diversity field course.

AWARDS

AUGUST, 2017 – MAY, 2021

PRESIDENTIAL SCHOLARSHIP, LOYOLA UNIVERSITY MARYLAND

Annual scholarship based on academic merit.

JULY, 2020 – NOVEMBER, 2020

JOSEPH HEALY MEMORIAL FUND, LOYOLA UNIVERSITY MARYLAND

One-time grant based on merit.

AUGUST, 2017 – MAY, 2021

DEAN'S LIST, LOYOLA UNIVERSITY MARYLAND

Received a total of eight times (every semester of undergraduate classes).

APRIL, 2019

EXCELLENCE IN ORGANIC CHEMISTRY AWARD, LOYOLA UNIVSERITY MARYLAND

APRIL, 2019

EXCELLENCE IN INTERMEDIATE SPANISH AWARD, LOYOLA UNIVERSITY MARYLAND

AUGUST, 2019

CERTIFICATE OF ACHIEVEMENT FOR VOLUNTARY SERVICE, THE UNIVERSITY OF AUCKLAND

Awarded for my duties as class representative for the class THEOREL 201 (Religions of New Zealand).

NOVEMBER, 2019

MEMBERSHIP INTO THE ALPHA SIGMA NU HONOR SOCIETY, LOYOLA UNIVERSITY MARYLAND CHAPTER

Awarded lifetime membership into Alpha Sigma Nu, the international Jesuit honors society, for exemplarily commitment to the Jesuit ideals of scholarship, loyalty, and service.

JANUARY, 2020

MEMBERSHIP INTO THE TRI-BETA HONOR SOCIETY, LOYOLA UNIVERSITY MARYLAND CHAPTER

Awarded lifetime membership into Tri-Beta, the national biology honors society, characterized by a 3.3GPA or higher in the biology discipline and offering 2+ hours of free tutoring service in the biology discipline.

FEBRUARY, 2020

HAUBER SUMMER RESEARCH FELLOWSHIP, LOYOLA UNIVERSITY MARYLAND BIOLOGY DEPT.

Awarded a \$5,000 research stipend to continue my research on exogenous cadaverine uptake in *Trifolium repens* through June 1st-August 7th of 2020.

MARCH, 2020

MEMBERSHIP INTO THE PHI BETA KAPPA HONOR SOCIETY, LOYOLA UNIVERSITY MARYLAND CHAPTER

Awarded lifetime membership into Phi Beta Kappa, America's oldest and most prestigious academic honor society honoring the arts and sciences. Was invited as a Junior, a rare achievement.

MARCH, 2020

2019 FIRST IN COURSE AWARDS, THE UNIVERSITY OF AUCKLAND

Awarded the 2019 First in Course Award for 2019 semester two in the classes BIOSCI 323 (Plant Diversity), PHIL 225 (Philosophy: Power, Emancipation, and Critique) and THEOREL 201 (Religions of New Zealand). These awards are given each semester to students who have achieved the highest overall marks in a particular taught course.

MARCH, 2020

HAIG SCHOLAR, LOYOLA UNIVERSITY MARYLAND

A part of the inaugural cohort of Haig Scholars, the Natural and Applied Sciences department academic division's honors program. The students selected are juniors and seniors from all six departments within the natural and applied sciences who were nominated by faculty. Students were chosen based on demonstrated academic achievement, leadership experience and potential, commitment to service, and community engagement.

SKILLS

- Reviewing & synthesizing current knowledge about a scientific issue.
- Preparing a scientific paper for submission to a journal.
- Identifying plants from sight and from taxonomic keys.
- Identifying animals from bone, scat, and track.
- Trained in laboratory equipment operation and technique for organic chemistry, molecular biology, general chemistry and forensic biology.
- Trained in laboratory quality assurance and control.
- Collecting & preparing herbarium specimens.
- Preparing & extracting information from herbarium labels, calculating lat. & long.
- Data entry and equipment calibration.
- Well versed in field work in variable outdoor conditions.
- Trained in forklift operation, and have experience with class C vans and manual vehicles.
- Proficient in Spanish.
- Presenting research findings orally and with digital aids.
- Setting up and leading undergrad classes in a laboratory setting (to commence in 2020).
- Creating and grading assessments for lab work (to commence in 2020).
- Team collaboration; conducting experiments and writing papers with members of a team.

EXTRACIRCULAR ACTIVITIES

I published a short paper through the Sandy Spring History Museum about the connection between prevalence of the diphtheria vaccine and child deaths in the local Quaker graveyard, titled *Reading the Gravestones at Sandy Spring Friends Meeting Graveyard*, with a longtime friend of mine Dr. Lorne Garrettson. Can be seen here: <https://www.sandyspringmuseum.org/exhibits-collections/local-history/>.

I am a co-organizer for the bi-annual read-a-thon fundraiser run by my religious group; the fundraiser aims to buy & deliver books requested by incarcerated persons.

I am currently the Forensics Club co-president at Loyola University Maryland beginning in Fall 2019. Duties include registering for club fairs, budgeting, contacting speakers, organizing events, creating educational talks/power-points for meetings, and dealing with the necessary institutional rules and regulations. I received training in managing micro-aggressions and promoting diversity/inclusion/safe spaces.

I am the Arboretum Student Ambassador for Loyola University Maryland's Arboretum.

I am a fundraising member of a Rely for Life team on Loyola University Maryland's campus.