

Adam Tyrlik
3500 Anderson rd.
Kensington MD
20895
tyrlik.adam@gmail.com
+1 (240) 408-9667

Education

University of Maryland College Park
Major: Biology-Microbiology
3.95 GPA

Expected Graduation: May 2021

Honors and Awards

Presidential Scholarship
College Park Scholars
CBMG Departmental Honors - Not yet completed.

Work Experience

Teaching assistant - University of Maryland

August 2019 - Present

- Leading a lab discussion section with 23 students for an undergraduate introduction to genetics course
- Giving and Grading assignments conducting exam reviews and holding office hours in person and online for an introduction to genetics course

Undergraduate Lab Intern - University of Maryland

September 2018 - Present

- Animal handling - restraining, ear tagging, tail bleeding and euthanizing mice
- Performed PCR and genotyping of mice
- Performed cryosectioning, histological staining and immunofluorescent staining of various mouse tissue
- Worked on a project focusing on B cell activation

Summer Intern - NHLBI Murine Phenotyping Core

June 2019 - August 2019

- Animal Handling – Restraining, Tattooing, Euthanizing and Microsurgery on mice
- Performed echocardiographic measurements, set up indirect calorimetry experiments for mouse metabolic studies, set up voluntary running wheel cages, performed treadmill exercise capacity testing on mice, and performed a variety of mouse phenotyping testing for labs across NIH.
- Presented a poster at the NIH summer student poster day

Guided Study Session leader - University of Maryland

September 2018 - May 2019

- Independently prepared lesson plans and worksheets based on the material covered in Organismal Biology and Introduction to Genetics Classes
- Lead group review sessions with 4 to 40 people.

Summer intern - NCI Experimental Transplantation and Immunology Branch

June 2017 - August 2019

- Maintaining records and pulling samples/vials of archived biospecimens from clinical trials
- Processing blood, bone marrow, saliva, (skin/dental biopsies) for cryopreservation
- Operated a Gallios 10-color flow cytometer, analyzed data using FlowJo9.9.6, prepared antibody cocktails and stained blood/thawed cells,
- Presented a poster at College Park Scholars Showcase