

SEAN ALEXANDER TAYLOR

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SUMMARY OF QUALIFICATIONS

- **Experience with** bacteriology, virology, parasitology, immunology, oncology, pathogenesis, and mammalian physiology
- **Relevant coursework includes:** Staining and microscopy, cell culture, plasmid-based cell transformation RTPCR/PCR, Western and Southern blots

EDUCATION

McGill University June 2017
Bachelor of Science, Immunology and Microbiology Montreal, QC, CA

SKILLS AND CERTIFICATIONS

- Microbiology and immunology laboratory skills
- NOLS Wilderness First Aid certified
- Conversational Spanish
- Basic proficiency in Java, ChemDraw, FlowJo, Graphpad Prism, and Microsoft Office Suite
- American Red Cross Lifeguard and Basic Life-Saving Certification

CAREER EXPERIENCE

Vermont Institute of Natural Science, Quechee, VT May 2016 – August 2016, May 2018 – August 2018
Lead Wilderness and Nature Camp Instructor

- Worked independently and as a part of a team to design and implement nine weeks of engaging educational nature-themed lessons and activities on topics including environmental science and wilderness survival skills
- Facilitated a team of students for a week-long overnight camp focused on field science techniques and culminating in a research project on the habitat quality for birds

Plainfield Elementary School, Plainfield, NH May 2015 – June 2017
Substitute Teacher

- Worked as an on-call substitute teacher, teaching classes in a range of disciplines, including science, math, English, social studies, and literature, as well as extracurricular activities
- Acted as a classroom aide, working with students of a wide range of academic abilities and adapting lessons to cater to each individual's aptitude

Giesel School of Medicine, Lebanon, NH May 2017 – June 2018, September 2018 – Present
Laboratory Technician in the Lab of Dr. David Leib

- Exercised a range of tasks to assist the researchers in the lab involving cell culturing, animal husbandry, and molecular biology techniques
- Facilitated collaborations between several physicians in the hospital and our lab to examine the translational aspects of our research

Thayer School of Engineering, Hanover, NH January 2019 – Present
Laboratory Technician in the Lab of Dr. Margaret Ackerman and at the Dartmouth Antibody Laboratory (dAbI)

- Carried out assays and tasks related to testing of clinical samples and antibodies within those samples while providing data, analysis, and assistance to the rest of dAbI
- Assisted and led experiments involving the transfer of maternal immunity to neonates

LEADERSHIP, VOLUNTEER EXPERIENCE, AND CAMPUS INVOLVEMENT

McGill Student Emergency Response Team, Montreal, QC September 2014 – April 2017
Shift Supervisor

- Volunteered providing first-aid services at student events and at overnight on-call shifts in dorms and student events
- Attended biweekly trainings and monthly evaluations to maintain skill proficiency
- Exceeded expectations and passed the more advanced evaluation required to act as lead responder

Student Society of McGill University, Montreal, QC September 2015 – April 2017
Student Representative, Senator, and Board of Directors Member

- Represented students on the student society's legislative council, was elected as a member of the Board of Directors, and participated as a member of the McGill Academic Senate
- Lead a pilot project for introducing more sustainable lab practices in teaching labs from the student level

Boy Scouts of America, Cornish, NH May 2004 – May 2012
Eagle Scout

- Fulfilled the Eagle Scout award after a 200-hour service project centered around renovating the entrance to the Meriden Bird Sanctuary, the first in the country, and leading the development of a trail with handmade log benches and viewpoints along it