

LEYA LUBARSKY

Bachelor of Pharmaceutical Sciences student

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PROFILE SUMMARY

Highly motivated UBC Pharmaceutical Sciences student with a strong academic record and 3+ years of lab experience in chemistry and biology, including successful execution of biochemical, analytical and *in vitro* assays. Experienced in standard lab protocols and Microsoft Office and proficient with other data analysis software. Compassionate leader with active campus involvement and contributions to philanthropic initiatives that raised over \$25,000 for health-related causes within three years. Thrives in fast-paced environments, excelling in teams and independently. Consistently demonstrates strong problem-solving and collaboration skills, alongside a goal-oriented and curious mindset.

EDUCATION

BACHELOR OF PHARMACEUTICAL SCIENCES, *University of British Columbia (UBC)*, Vancouver, BC **Sep 2022 - Apr 2026**

Relevant Coursework

- Pharmaceutical Research, Nanomedicine, Techniques in Molecular Biology and Pharmacology Theory and Laboratory

Awards and Honours

- Margaret E. Barr Bigelow Memorial Scholarship – Awarded based on academic merit and outstanding achievement
- Dean's List – Awarded for achieving a sessional academic average of 85% or higher within a full-time Winter Session

SECONDARY EDUCATION, *Shawnigan Lake School (SLS)*, Vancouver Island, BC

Sep 2018 - Jun 2022

Awards and Honours

- Governor General's Academic Medal of Canada – Most prestigious high school graduation award in Canada; awarded to student with highest GPA across Grades 11 and 12.
- BC Achievement Scholarship – Recognizes 8,000 graduates with the top academic achievement in the province.
- Groves' All-Rounder Award – SLS's most prestigious award for all-round excellence in academics, athletics, leadership, fine arts and community service.

RESEARCH EXPERIENCE

STUDENT IN UNDERGRADUATE LABORATORY COURSES, *UBC*, Vancouver, BC

Sep 2022 - Apr 2025

Gained experience with organic and analytical chemistry techniques, and molecular biology *in vitro* assays. Successfully engineered *E. coli* to express amilCP chromoprotein and confirmed expression through molecular cloning, sequencing and protein analysis. Designed pUC19 vectors (*in silico* & *in vitro*), performed transformation, PCR and gel electrophoresis. Verified protein expression via Sanger sequencing, SDS-PAGE, ion-exchange chromatography, Bradford assay and Western blot. Optimized bacterial growth and competency, whereby high transformation efficiency and maximal protein yield were achieved.

INDEPENDENT RESEARCH PROJECT, *SLS*, Vancouver Island, BC

Sep 2020 - Jun 2022

Investigated the impact of environmental conditions and spawning origin on Chinook salmon feeding habits off the coast of Vancouver Island, BC. Collaborated with head of the Mark Robson Hatchery, local marine experts and biologists at the University of Victoria on seasonal fieldwork. Conducted salmon feeding analysis through dissection and habitat assessment. Assisted in the removal over 4,000 invasive European Green Crabs to directly promote salmon ecosystem health. Presented this research to over 200 students, faculty and Shawnigan Lake community members, receiving an honourable mention for the depth and quality of its execution.

WORK EXPERIENCE

FRONT DESK, *Cactus Club English Bay*, Vancouver, BC

May 2023 - Aug 2023

Welcomed guests with positivity, warmth and professionalism at one of the busiest Cactus Club Cafe locations worldwide. Managed waitlists of 50+ guests, assisted with large group bookings and events of 100+ individuals and consistently resolved customer concerns through communication, empathy and efficient responses. Recognized early for hard work and exceptional service, leading to a 15% wage increase within two months of employment.

Greeted, coordinated and served 500+ exclusive guests with enthusiasm, team spirit and a high-level of professionalism in a premium pitch-side hospitality setting. Managed reservations, check-in and timed entry for rotating groups of 20 guests. Distributed raffle tickets and served beverages, alcohol and snacks. Maintained cleanliness, organization and inventory in a fast-paced environment by promptly preparing tables and replenishing food and drink stock. Contributed to a vibrant, spirited and welcoming guest experience in one of BC Place's most high-profile event spaces.

EXTRACURRICULAR INVOLVEMENT

Kappa Kappa Gamma, UBC, Vancouver, BC

Sep 2022 - Present

Active member of Kappa Kappa Gamma upholding core values of the sorority centred around friendship, leadership, academic excellence and service. Assists the organization and execution of sisterhood events and annual philanthropy initiatives—including a winter bake sale and an outdoor games day in support of the Canadian Cancer Society and Jack.org. Responsibilities include event setup, facilitation of ticket sales, scorekeeping and coordination of 60 sorority members and 100+ participants. Most recently, these efforts helped raise over \$8,000 in support of both causes. This involvement has strengthened skills in leadership, planning, teamwork, public relations, compassion and confidence.

Head of House, Shawnigan Lake School, Vancouver Island, BC

Sep 2021 – Jun 2022

Elected Head of Strathcona Boarding House (Grade 12 student leader elected by peers and faculty). Led a diverse community of 60 students, serving as the primary liaison between residents and staff. Managed daily attendance, organized biweekly meetings and coordinated house and school-wide events. Mentored younger students, promoted an inclusive and supportive environment, and fostered a strong sense of unity, belonging and personal growth within the boarding community.

CERTIFICATIONS

Serving It Right

Expiration: Feb 2028

SKILLS, VALUES AND INTERESTS

Laboratory Skills

- Small-scale distillation, crystallization purification, bacterial culturing, plating and transfection, PCR, DNA sequencing, DNA gel electrophoresis, SDS-PAGE, Western blotting, LNP and liposome synthesis, spectrometry, ELISA, immunofluorescence microscopy, kinetic/metabolic assays, NMR and HPLC-MS

Technical Skills

- Proficient in Microsoft Office, SketchUp and Canva
- Experience with R, SnapGene and GraphPad PRISM
- Skilled in reading, analyzing and critically appraising academic literature, publications and research articles
- Fluent in English (spoken, written, and typed)

Professional Skills

- Dependable, organized and detail-oriented
- Strong collaboration and teamwork abilities
- Efficient and reliable under pressure
- Adaptable and quick to learn new concepts
- Skilled in scientific writing, editing and design
- Strong scientific-analysis skills and problem-solving abilities

Values and Interests

- Humility, integrity, compassion and leading by example
- Dedication to continuous learning, curiosity and innovation
- Research Interests include personalized nanomedicine for targeted skin therapies and development of *ex vivo* models for autoimmune disease