

Molly Medway

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EDUCATION

Bachelor of Medical Science (*Honors Specialization in Medical Science*) **2XXX**

The University of Western Ontario (Western), London, Ontario

- Dean's Honor List
- Relevant Courses: Scientific Methods in Biology; Physiology Laboratory; Medical Science Laboratory; Biostatistics; Computer Science

RESEARCH EXPERIENCE

Medical Sciences Laboratory Student **Fall 2XXX**

Western, London, Ontario

- Handled male Wistar rats according to the Canadian Council on Animal Care guidelines and performed various experimental techniques determining the effect of high fat diet and atorvastatin on their serum composition, liver and aorta
- Performed western blot and SDS-Polyacrylamide gel electrophoresis to determine the effect of atorvastatin on expression of low density lipoprotein receptor on 3T3 mouse fibroblast cells
- Analyzed raw data using softwares such as Image J and GraphPad Prism to determine averages, to graph data and to determine significance of results
- Gathered and analyzed information from past, relevant journal articles and results from my experiment and concisely and clearly wrote a scientific article within sixteen pages

Physiology Laboratory Student **2XXX to 2XXX**

Western, London, Ontario

- Concisely wrote scientific report on the influence of characteristics of sciatic nerve of *Rana pipiens* and flexor digitorum superficialis on muscle contraction by gathering and analyzing information from past literature and results from my muscle and nerve experiment within twelve pages
- Clearly articulated the significance of our study, required physiological background information, methods, results, reasoning behind the results and future studies of experiments about the effect of dexamethasone on juvenile rat growth and development, effect of various concentration of different ions on heart rate and force of ventricular contraction and on the effect of hand dominance on receptor acuity via oral presentations

Volunteer Research Assistant**2XXX to 2XXX***Exercise and Pregnancy Lab, London, Ontario*

- Made data easily accessible by organizing primary data extracted from DEXA scan onto a excel sheet
- Performed t-test using excel determining the statistical significance of results
- Patiently monitored children while several test were conducted on their pregnant mothers easing the pressure of my supervisors and mothers

COMMUNICATION & INTERPERSONAL SKILLS

Red Cross Volunteer**Summer 2XXX /2XXX***Red Cross, Richmond Hill, Ontario*

- Led a youth research project by assigning task to volunteers and clearly articulating what must be done via e-mail ensuring that tasks are completed precisely in a timely manner
- Listened to the research struggles faced by the volunteers and e-mailed tips on how to effectively use search engines
- Assisted the public with general inquiries in a friendly manner, registered them for First Aid and CPR courses, accepted payment or transferred the call to the appropriate person easing the tension of my co-workers
- Prior to the First Aid and CPR training ensured that every participant made their payment and reminded them about the training in a friendly manner to avoid complication

Hospital Volunteer**2XXX to 2XXX***Markham Stouffville Hospital, Markham, ON*

- Achieved customer satisfaction by attentively listening to the customers' needs and showing them the appropriate products and by processing purchases in a friendly and efficient manner
- Acknowledged each patients personal needs and patiently interacted with them by conversing and relieving their emotional stress
- Constantly listened to and followed through nurses' requests such as stocking the medical carts contributing to Markham Stouffville Hospital's exceptional healthcare service

ORGANIZATIONAL SKILLS

Pharmacy Assistant**Summer 2XXX***Guardian Markhamack Pharmacy, Markham, ON*

- Took in order, ensured all the products arrived, priced items and put the drugs and off the counter (OTC) products away at the appropriate place maintaining organization and efficiency of the pharmacy
- Reduced the workload of the pharmacy's accountant by balancing the invoices on a biweekly basis

Clerk**Summer 2XXX***Al Choice Supplies Ltd., Scarborough, ON*

- Expanded the company's customer base by creating a searchable database of the contact information of various industries across Canada using excel
- Filed invoices maintaining organization of the company

LEADERSHIP SKILLS

Career Profile Advisor**2XXX to present***Careers & Experience, Western, London, Ontario*

- Arranged the keynote speaker for the networking workshop/networking event simulation to assist other Career Leaders to improve their networking skills
- Received employee of the month for September for taking the initiative to help the new Career Leaders in order to provide exceptional service
- Clearly articulated the services provided by the Student Success Centre in a presentation within a Arts and Humanities class raising their awareness

LAMP (Leadership and Mentorship Program) Peer Mentor**2XXX to present***The Student Success Centre, London, Ontario*

- Recalled my experience as a first year and emailed advices as well as posters of events on campus to a group of 20 first years on a weekly basis emotionally supporting them and easing their transition from high school to university
- Organized and facilitated a Chemistry and Biology review session in order to clarify first years' misconceptions
- Assisted in the organization of games night and sports night to help first years have a balanced life

TEACHING EXPERIENCE

Tutor (Math and Science)**Summer 2XXX**

- Identified the learning style of each student and helped them thoroughly understand math and science concepts in order to excel in school

International Student Volunteer**Summer 2XXX***Blue Moon, Las Minas, Dominican Republic*

- Voluntarily educated underprivileged children in Dominican Republic about Hygiene and Sanitization and English increasing their knowledge
- Organized and facilitated ice-breakers and games assisting them to break out of their comfort zone

Lab Assistant (Volunteer) **2XXX to 2XXX**

Super Science (Chippewa Public School), YMCA, London, ON

- Transmitted science knowledge in a fun and interactive to children between grade 1 to 3 by facilitating various science experiments

Assistant Keyboard Teacher **2XXX to 2XXX**

Bharradhi Arts, Scarborough, ON

- Tailored by teaching method according to the learning style of students to effectively teach keyboard maximizing the music knowledge they gain each class

CONFERENCE & WORKSHOP PARTICIPATION

Canadian Undergraduate Conference on Healthcare (CUCOH) **November 2XXX**

Queen's University, Kingston, ON

- Gained current knowledge on Canadian healthcare by listening to keynote and seminar speakers that are passionate healthcare experts
- Participated in a discussion panel about innovative approaches to healthcare

Public Speaking Workshop **Summer 2XXX**

Markham Stouffville Hospital, Markham, ON

- Gained tips about public speaking in order to enhance my public speaking skills

SCHOLARSHIP AND ACADEMIC HONOURS

Queen Elizabeth Aiming for the Top Students Scholarship (Annual) **2XXX/2XXX**

Laurene Paterson Scholarship **2XXX**

Western Scholarship of Distinction **2XXX**

Math Award **2XXX**

CERTIFICATION AND TRAINING

Biosafety **2XXX**

Advanced Rat Training **2XXX**

Comprehensive WHIMIS Certification **2XXX**

Standard First Aid & CPR/AED **2XXX**