

Serena Brown, Honours B.Sc.

PROFESSIONAL GOALS

Productive candidate in life science seeks to combine human nutrition and biology background, clinical experience, substantial research results, and scientific acumen with a post-graduate degree in order to pursue a career in Healthcare Management and Administration. An Honours Student successful in research project management, patient care and medical assisting, supervising problem-based learning among undergraduates, and team building. Demonstrates multicultural competency via uncommon communication skills and interaction expertise among a diversity of clinical practitioners, administration, and staff, patients, families, and community members at all levels of life, status, and professional skills.

QUALIFICATIONS

- Eight years of effective interaction/communication skills, teamwork, and leadership among volunteer groups, community leaders, patients, families, and practitioners in a community and clinical setting.
- Extensive research experience in life science, specifically in microRNA related studies.
- Over five years of successful patient care experience with diverse chronic populations.
- Competent in independent assignments as well as team building; displays high level of initiative.
- Surpasses goals under budget, within deadlines; effective decision maker with good response time.

AWARDS

University of Toronto

Honours of B.Sc. with High Distinction: November 2008

Faculty of Arts and Science Dean's List Scholar: October 2007 and September 2008

EDUCATION

University of Toronto, St. George Campus. Ontario CA.

- Honours of B. Sc.: Human Biology & Nutritional Science, with High Distinction. November 2008.

George S. Henry Academy. Ontario CA.

- Secondary School Diploma. June 2004. Honour Roll Award Winner each term.

PROFESSIONAL EXPERIENCE

Toronto Grace Hospital

Transitional and Continuing Care Volunteer

- Served patients with stable/complex health condition. The patient population requires extended hospitalizations with cognitive and/or physical impairments that result from stroke, dementia, severe injuries, degenerative diseases, and additional chronic conditions.
- Providing patient companionship, protection, and encouragement: fed patients, played games, transported patients, and took wheelchair patients outdoors. Ensured patients maintained a level of independence, consoled patients in distress, encouraged participation in leisure activities, interpreted patient needs, specialized in helping patients with communication deficits, i.e. aphasia and apraxia.

Chiropractic Health Assistant – Over five years of productive experience.

University of Toronto, Department of Nutritional Science.

Laboratory Research Assistant: Microbiology Laboratory

Investigation: *The effects of gut microbiota on microRNA (miRNA) expression in the murine intestinal tract and the subsequent impact of the differentially expressed miRNA on mucin gene expression utilizing real-time PCR analysis.*

- Applied effective leadership in successfully overseeing, managing, and directing 4th-year undergraduate students in experimental protocols & procedures and troubleshooting problems.
- Productively worked in a newly established microbiology lab without a laboratory technician; applied initiative and independent problem solving to analyze problems, adopt effective strategies, and develop new techniques that produced higher levels and quality of results.
- Demonstrated highest quality teamwork skills, especially among co-workers and students, i.e., discussing project related tasks, implementing innovative methods of improving standard protocols, and troubleshooting problems consistently to an effective solution.
- Developed wide-ranging knowledge of keystone concepts among major fields of biological health sciences, particularly molecular and cell biology. This includes total RNA extraction, miRNA extraction, on-column purification, denaturing agarose gel electrophoresis, DNA agarose gel preparations, murine intestinal tract dissection, solution preparation, fixation of fecal samples, RT, and additional aspects.
- Proficiently corresponded with biological companies daily, troubleshoot systems problems, and ordered lab inventories; maximized inventory use for superior results, while eliminating waste and damage to enhance cost savings.

TRAINING & PROFESSIONAL DEVELOPMENT

Standard First Aid and Level “C” CPR Certification. January 2009 -- Toronto EMS.

Adult and infant CPR; choking sequences; bone and joint Injury; diabetes; allergic reactions/anaphylactic shock; asthma/respiratory distress; heart attack and stroke; wounds and bleeding; shock; levels consciousness.

Animal Care and Ethics Certification. July 2008 – University of Toronto.

Division of Comparative Medicine: Animal Care and Ethics of Animal Investigation: Mouse Module.

Mediation Training Certification: Conflict Resolution and Negotiation Skills. August 2006

Introductory Course on Conflict Theory and Management: Basics of Communication, Negotiation Management, and Conflict Resolution.

Leadership Certification. December 2005 -- Milliken Park Recreation Centre; Scarborough ON.

Case Study Practical Approach: effective problem solving, progressive techniques for effective communication and key principles for mentoring and aligning teams for greater performance.

COMMUNITY AND VOLUNTEER SERVICE

- **Hindsight Project, 2008.** Presented information about university academic and life to high school students of George S. Henry Academy in recruitment preparation for postsecondary institutions.
- **North York General Hospital. 2004.** Directed visitors, patients, and families throughout facilities for information and access.
- **Canadian Cancer Society, 2004.** Secured funding for Canadian Cancer Society Research.
- **Partnership Walk for Third World Development. 2003.** Assisted in raising awareness and funding for poverty-stricken families.
- **Kidney Foundation, 2001-2003: Senior Volunteer.** Directed subordinates, raised research funds; and streamlined a system hierarchy to facilitate accurate, timely reporting of a large volunteer base.
- **Toronto Police Graffiti Eradication - 33 Division, 2001.** Helped remove graffiti from community walls and other properties.
- **Shaughnessy Children’s Daycare Centre, 2000.** Supervised, motivated, and provided direction to school-age children.