

Sanjana Singh

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EDUCATION

Doctor of Pharmacy, University of Toronto
2020

Hospital Pharmacy Residency, The Toronto Hospital 2018

Bachelor of Science in Pharmacy, University of Toronto 2016

PROFESSIONAL EXPERIENCE

Staff Pharmacist

Sept. 2019 — Present

Mount Sinai Hospital, Toronto, ON

- Dispense drugs to healthcare professionals, according to written prescriptions using medication input software which resulted in accurate patient medication administered
- Counsel patients and explain drug interaction and side effects to patients which ensure continued patient safety
- Maintain safe storage of all pharmacy inventory by performing daily label checks to prevent inventory loss
- Order supplies based on daily demand which contributed to a waste reduction of 50%

Staff Pharmacist

Oct. 2018 — Aug. 2019

The Toronto Hospital Pharmacy, Toronto, ON

- Maintained computer records of all drugs dispensed which included a database of over 100,000 clients
- Liaised with HPB to ensure all safety standards were being adequately met
- Reviewed individual health records to check for inconsistencies, reducing patient error
- Communicated with doctors and patients providing medication consultation and pharmacotherapy which provided an array of medical treatment options

Doctor of Pharmacy Clerkships

Glaxo Canada Incorporated—Drug Information Department, Mississauga, ON

March 2019

- Fostered a collaborative relationship with external stakeholders to discuss portfolio with patients and medical community, ensuring that local codes of practice, guidelines and laws were met to the strictest of requirement
- Designed and developed strategic communication plan for therapeutic portfolio alongside hospitals, specialist, and health care professionals, resulting in one successful private-public partnership with Excellent Hospital

Health Economics Research—Pharmacoeconomics Research, Secaucus, N.J.

February 2019

- Collaborated and coordinated with 6 global health economic organizations to support economic analysis of reimbursement for new and existing products, leading to a final research report on company viability presented to the Board of Directors
- Designed and reviewed health economic outcomes research studies to ensure study designs met the ethical standards of over 10 American institutions and 3 Canadian hospitals

Sunnybrook Health Sciences Centre—Palliative Care Unit & Critical Care, Toronto, ON January 2019

- Translated the necessary mathematical calculations needed to have proper drug and supplies for chemotherapy procedures, which led to tailored treatment plans for over 30 patients
- Maintained electronic and hard copies of over 100 patients and clinic record to ensure patient confidentiality

The Toronto Hospital—Infectious Diseases & General Disease, Toronto, ON December 2018

- Implemented and evaluated the Infection Prevention and Control strategies to manage outbreaks, resulted in a high pass from the Department of Health and Services; making hospital eligible for additional funding of \$30,000 for further research into disease prevention
- Facilitated and delivered 7 education seminars to health care providers on strategies to prevent the spread of infectious disease within clinic settings, scoring an average of 88% on seminar satisfaction of new knowledge gained

Wellesley Hospital—General Medicine/HIV, Toronto, ON November 2018

- Monitored clinical pharmacy patient care HIV programs to improve patient care through cross-analysis of the program's post-evaluation surveys using SPSS; final results were disseminated to the Director of HIV Programs Initiatives, informing current strengths, and opportunities of program design
- Facilitated and lead drug information and education to medical staff and patients, which led to 4 weekly presentations, supporting the hospital's teaching values of teaching, learning and innovation

Family and Community Medicine—General Medicine, Mississauga, ON October 2018

- Compounded and dispensed prescribed pharmaceutical products, ensuring accuracy dosage in a high-volume clinic with an average of 50 patients daily
- Consulted and recommended over the counter and behind the counter products for health-related issues, ensuring client's health was prioritized by describing contra-indications, adverse effects, drug interactions and dosage

Ottawa General Hospital—HIV Research, Ottawa, ON September 2018

- Identified and implemented drug therapy where positive pharmacoeconomic impact could be reached to ensure target programs and medication use were aligned with the Pharmacy and Therapeutics committee's target goal of providing sustainable patient care
- Coordinated with case managers, behavioural health therapist and supporting staff to ensure patients' medication regimens were in alignment with the federal laws and regulations of the Food and Drugs Act and Regulations of Canada

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Pharmacy Student, Ottawa Civic Hospital, Ottawa, ON

2018

- Assisted Staff Pharmacist by researching interaction effects that was presented at the Pharmacist Association Conference to over 300 Ontario pharmacists
- Explained drug-taking routines to elderly patients in a high-volume hospital, with on average 40 patients appointments per day
- Prepared designer drugs to be dispensed in consultation with the Staff Pharmacist to ensure safety protocols were met

English Language Teacher, Adult Education Programs

2017 — 2018

- Designed curriculum and taught adults basic oral and written communication skills, resulted in 17 adults being admitted to a post-secondary institution
- Evaluated and assessed student performance using cooperative learning exercises and individual testing procedures which was compiled into a report for the Director of Adult Education Programs and was later implemented as core curriculum
- Effectively advised adult newcomers on complex personal issues that included advocacy and outreach to the MPP office, resulting \$3,000 of funding for the program

Research Assistant, University of British Columbia

2016 — 2017

- Conducted literature searches for the principal investigator of the Alzheimer's Clinic which informed two journal publications

ADDITIONAL EXPERIENCE**Evening Supervisor**, The Toronto Star, Toronto, ON

2017 — 2018

- Supervised the delivery of nine newspaper routes to ensure prompt and efficient newspaper delivery to all customers
- Interacted with customers and delivery personnel to solve any errors in newspaper delivery, and was award the 'Best Customer' service staff award
- Hired and trained new staff; coordinated and created staffing schedules to improve staff productivity
- Managed the district budget, consistently keeping expenses minimal while providing excellent customer service

PUBLICATIONS AND POSTERS

Smith S, Enarson T. **“A Cost-Effective Analysis of Carvedilol versus Metoprolol for the Prevention of Mortality in Patients with Stable Chronic Heart Failure.”** Faculty of Pharmacy’s Poster Presentation, University of Toronto. Toronto, ON (May 2020)

Smith S, Evans M. **Kava Extract for the Treatment of Anxiety: Is There Convincing Evidence for Its Use?** *Canadian Family Physician* (September 2019)

Marra CA, Smith S. **Guidelines for Evaluating Quality of Life in Patients with Deep Vein Thrombosis.** CSHP Residency Poster Presentation. Vancouver, BC (May 2018)

PRESENTATIONS

“What is Bioavailability?” Pharm D. class presentation. University of Toronto. Toronto, ON (February 2020)

“Should Tamoxifen Be Recommended to Women with Carcinoma in Situ of the Breast?” Pharm D. Seminar. University of Toronto. Toronto, ON (November 2019)

“Pharmaceutical Care of Patients with Coronary Problems: The effects of mixing drug treatments.” Pharm. D. class presentation. University of Toronto. Toronto, ON (October 2019)

“Making Universal Pharmaceutical Care a Reality for HIV Patients.” Presentation to the Board of Directors, Mount Sinai Hospital. Toronto, ON (August 2019)

“Should Glucosamine Be Used in the Treatment of Osteoarthritis?” Pharm. D. class presentation. University of Toronto. Toronto, ON (July 2018)

“Is Raloxifene Effective for the Treatment of Post-Menopausal Osteoporosis?” Pharm. D. class presentation. University of Toronto. Toronto, ON (February 2017)

“A Pharmacokinetic Analysis on Verapamil.” Pharm. D. class presentation. University of Toronto. Toronto, ON (October 2016)

MEMBERSHIPS

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| Canadian Pharmaceutical Association | 2018 — present |
| Canadian Society of Hospital Pharmacists | 2018 — present |
| Quality of Care Committee, Mount Sinai Hospital, Ontario | 2018 — present |