



### Scope of Practice

Pharmacists are regulated health care professionals, licensed by the Ontario College of Pharmacists (OCP), who follow the National Association of Pharmacy Regulatory Authorities (NAPRA) Model of Standards of Practice for Canadian Pharmacists.

Pharmacy technicians are also regulated health care professionals, licensed to practice by OCP, and follow the NAPRA Model Standards of Practice for Canadian Pharmacy Technicians.

# Pharmacy

**Professional Practice Leader (Charlton, King, West 5th):**  
**ANGELA WRIGHT, BScPhm, PharmD, RPh, ACPR**

### Number of Members of Discipline:

SITE	FTE	PTE	POSITION
Charlton	33 37 4		Pharmacists / Pharmacotherapy Specialists Pharmacy Technicians Supervisors
Charlton—Retail	1.5 3.5		Pharmacist Pharmacy Technicians
King	1 1		Pharmacist Pharmacy Technician
West 5th	8 9		Pharmacists Pharmacy Technicians
Charlton/King/Retail/ West 5th	5 1		Managers Senior Manager
Charlton/King/Retail/ West 5th	1		Director

## Major Achievements

### CARING

### Clinical Practice:

#### COVID Pandemic Response

- Launched Ontario's first COVID Care Clinic (previously the Monoclonal Antibody Clinic) for assessment and delivery of COVID therapies for patients with mild COVID (Remdesvir and Paxlovid) and the prevention of COVID (Evusheld) at Charlton Campus.
- Leading to 513 Paxlovid courses dispensed by Retail Pharmacy.
- Organized support for Evusheld clinic at King St Campus.
- Implemented process for pharmacist assessment and review and pharmacy technician dispensing of Paxlovid for inpatients with mild COVID.
  - Leading to 151 Paxlovid courses dispensed by Inpatient Pharmacy
- Organized ongoing vaccine and staffing supporting the Inpatient Mobile Vaccine clinic, COVID vaccinations for SJHH staff, and administration of COVID vaccines in Retail Pharmacy – over 1400 doses administered in 2022.
- Implementation of clinical guidelines for COVID therapies as recommended by the Ministry of Health.

## CARING continued...

### Scope of Practice:

- Expanded pharmacy services to support the Satellite Health Facility and ALC with the addition of a dedicated clinical pharmacist team member.
- Supported bed openings and patient care unit moves with clinical pharmacy and operational pharmacy services.
- Performed extensive review of clinical pharmacy services provided at Charlton Campus and implemented re-distribution of clinical pharmacist resources in alignment with corporate priorities for staffing and recruitment as well as managing capacity to support high quality care.
- Performed extensive review of clinical pharmacist role and adoption of evidence based clinical priorities for clinical pharmacists.
- Reviewed and updated the Adjustment and Monitoring of Warfarin Therapy medical directive to support the Pharmacist Led Anticoagulation Clinic, including training and certification of additional pharmacist for this program.
- Implemented of updated Standard Operating Procedure for Best Possible Medication History collection and documentation by Pharmacists and Pharmacy Technicians, including expanded clinical documentation for Pharmacy Technicians.
- Expanded scope of practice for pharmacists to prescribe Paxlovid (Dec 2022) and for Minor Ailments (Jan 2023) implemented in Retail Pharmacy.



### Awards

- **Health Professionals Excellence in Practice Awards 2022- Award Winners**  
*Team Clinical Service Excellence in Practice Award –*  
**Interprofessional Team & Leaders – ALC Units, Charlton Campus:**  
Clinical Nutrition, Nursing, Occupational Therapy, Pharmacy, Physiotherapy,  
Speech-Language Pathology, Social Work, Spiritual Care, Therapeutic Recreation
- **Mission Legacy Awards 2022**
  - **Cathy Pracsovics** – Pharmacy Technician
  - **Monoclonal Antibody Clinic Team** – Pharmacy Technicians, pharmacists,  
and managers  
supporting the implementation and ongoing success of the Monoclonal  
Antibody Clinic (COVID Care Clinic).

## LEARNING

### Education:

#### Clinical Education

- Three EPE-2 summer student placements, including experiential learnings, from University of Toronto – 3 pharmacist preceptors.
- Clinical rotations for 14 PharmD pharmacy students from University of Waterloo (8-weeks each) and University of Toronto (APPE 5 weeks each) – 12 pharmacist preceptors, 4 first-time preceptors.
- Three pharmacy technician student placements from Mohawk College.
- Clinical rotations for four Hospital Pharmacy Residents - 18 pharmacist preceptors.
- Developed and implemented SJHH Pharmacy Structured Practical Training (SPT) program. Supported 3 SPT students in 2022, 3 Pharmacy Technician preceptors.
- Residency Program Accreditation survey completed (final report expected March 2023).

#### Formal Teaching

- McMaster University Department of Medicine. Assistant Clinical Professor (Adjunct). (Pharmacist Shyam Maharaj).
- McMaster University Department of Medicine. Psychopharmacology in UGMF 5 sessions (Pharmacist Phil Laplante).
- Mohawk College Institute of Applied Health Sciences. Allied Health-Academic Delivery Department. Post Secondary Professor (Pharmacist Cassandra Hughes).
- Nephrology, and renal transplant clinical rotations for two HHS Pharmacy Residents.

#### Internal Education

- Antimicrobial Stewardship Program (ASP) teaching rounds, and Infectious Disease teaching rounds and consultations.
- Critical care, nephrology and psychiatry interprofessional teaching to medical residents.
- Renal transplant patients and nursing staff – medication and discharge teaching.
- Hemodialysis nursing staff – medication teaching.
- Psychiatry patients and nursing staff – medication and discharge teaching on AMH and at West 5th.
- Out-patients on anticoagulants (e.g. warfarin) receive education and follow-up monitoring- Pharmacist Managed Anticoagulation program.
- Out-patients with chronic respiratory diseases enrolled in an educational eight-week program - Respiratory Rehabilitation Day Program.
- Clinical and non-clinical rotations supporting the Pharmacy Residency program (2022) – four Pharmacy Residents.
- Weekly pharmacist education sessions presented by pharmacy learners and pharmacy team members.

## LEARNING continued...

### Research

- Pharmacy Research Project - Characteristics of Drug Poisonings Presenting to the Emergency Department: A Retrospective Chart Review. Pharmacy Resident Matthew Bell. 2021.
- Pharmacy Research Project - Culturally Safe Care in an Indigenous Hemodialysis Population: A Survey of Patient and Pharmacy Perspectives. Pharmacy Resident Cait Luther. 2021.
- Pharmacy Residency Program Systematic Review- *The Effect of Carnitine Supplementation on the Neonatal Weight*. Pharmacy Residents Lisa Ros-Choi and Kaitlyn Sellers in collaboration with HHS Pharmacy Residents.
- Co-investigator OPTIMAL Fitness study GERAS Centre for Aging Research McMaster University/St Peter's Hospital- Shyam Maharaj.
- Pharmacy Supported Research Activities - Pharmacy Research Pharmacotherapy Specialist Christine Wallace and the Pharmacy Technician team support research activities, involving investigational or marketed medications, conducted by research investigators at SJHH.
  - In 2022 the pharmacy team supported a total of 25 research protocols including study implementation, randomization, dispensing and monitoring.
  - Pharmacy Residency research projects: 2.

### Publications

- Journal Article:
  - Multi-Study Research Operations in the Intensive Care Unit: An Inter-Professional Pandemic-Informed Approach. Cook DJ, Duan E, Clarke FC, Matic M, Culgin S, Kelly L, Nelson KS, **Wallace CV**, Soth MD, Lewis KA, Rudkowski JC, Perri D, Ligor TL, Jaeschke RZ, Chagla Z, Chaudhuri D, **Wright AE**, **Fu ZY**, Reeve BK, Lee HM, Overington JD, Rozenberg A, Bloomfield KA, Love K, Gain JL, Zytaruk NL, Cheung JH, Thabane L, Kho ME for the Department of Critical Care Research *Operations Committee*. Crit Care Explorations 2022.
- Guidelines:
  - PJP Prophylaxis Guidance Document- Ontario Renal Network Drug Access Task Group (Alison Shipley).
- Poster and Presentation:
  - Evaluating Discontinuation of Gastric Acid Suppressants During and After Discharge from ICU: A Retrospective Chart Review – Presented by: Emily VanderWindt, St. Joseph's Healthcare Hamilton (CSHP Ontario Branch Residency Research Night (July 2022), 2<sup>nd</sup> place award.
  - Development of Eosinophilia in COVID-19 Patients: A Retrospective Chart Review – Presented by: Madeline Pugi, St. Joseph's Healthcare Hamilton (CSHP Ontario Branch Residency Research Night – July 2022).
  - Poster and Presentation: ESCAPADE - Evaluating Discontinuation of Gastric Acid Suppressants During and After Discharge from ICU: A Retrospective Chart Review **E. Vanderwindt, A. Wright, C. Wallace**, D. Cook Critical Care Canada Forum (Nov 2022).

## BUILDING

### Staff:

- Emerging Leaders Program (2022-2023)
  - Walid Elakrat, Pharmacist
- Crucial Conversations Course (2022)
  - Angela Wright, Pharmacy Manager
  - Kaitlin Wilson, Pharmacy Technician
- Hospital Pharmacy Residency Program, ACPR
  - Pharmacists Madeline Pugi and Emily VanderWindt graduated with the ACPR Hospital Resident credentials in 2021-2022.
  - Lisa Ros-Choi and Kaitlyn Sellers enrolled in the twelve-month pharmacy residency program for 2022-2023.
- Certified Diabetes Educators
  - Stephanie Gilbreath, Pharmacy Manager
  - Marita McQuaid, Pharmacist
  - Kyle Yang, Pharmacist
- Re-Certification in Sterile Compounding including Hazardous and Non Hazardous Compounding (Pharmacy Technicians)

### Internal Education:

- Communication of Critical Drug Shortages and therapeutic alternatives to prescribers.
- Communication to all SJHH staff- new COVID treatments and clinical practice guidelines, medications added to Formulary and new listings in the IV Monographs, strategies to mitigate drug shortages.
- Pharmacy team medication related teaching provided to medical residents, nurses and patients at SJHH via a variety of mechanisms as outlined in Learning section above.

### Professional Practice Development:

- Continuing Education presentations by pharmacists, students, guests, and residents on current continuing education topics (i.e. weekly at Charlton and West 5th).
- COVID updates to staff and learners.
- Pharmacy and Therapeutics Committee - development of submissions and presentations to P&T including updates to COVID clinical practice guidelines and treatments (Vida Stankus, Jen Lee), drug shortage strategies, additions to Formulary, and IV Monograph updates (Alice Huh, Vida Stankus, Jen Lee, Caitlin Ciprietti and staff pharmacists).
- In alignment with corporate priority of culture, safety and healthcare worker wellness:
  - Developed and implemented strategies aimed at improving team engagement and team building within the pharmacy department, including inter-professional shadowing and resuming weekly huddles.
  - Developed strategies aimed at reducing workplace burnout for pharmacy team members (to be implemented in early 2023).

## LEADING

- Completed implementation of OMNICELL replacement of Automated Dispensing Cabinets (ADC) at Charlton campus.
- Completed implementation of Controlled Substances Monitoring (CSM) system at Charlton campus to improve distribution, tracking, monitoring of narcotics and controlled substances to support safe medication dispensing and administration, as well as to support diversion prevention.
- Continued redevelopment of sterile compounding facilities including planning, construction meetings, re-location of current clean-room facilities, and assessment of future workflow (estimated completion in early 2023).
- Creation of the Retail and Ambulatory Services Pharmacy Manager role (expansion of the prior Retail Manager role) to provide additional support to growing ambulatory care programs and provide clear structure for pharmacy services support to these areas.
- Pandemic management of COVID-19 including clinical practice guideline best practices, surge staffing, monitoring drug shortages, organization of clinical services and medications to temporary support bed moves and temporary units, and ongoing communication and updates to staff.
- Leader of strategies to conserve drugs in low supply and mitigate drug shortages during the COVID-19 pandemic (i.e at SJHH with strategies presented to Pharmacy & Therapeutics, across the LHIN and Ontario, and in collaboration with other Directors and Canadian hospital committees).
- Lead enhancements for Dovetale optimization including order sets, improved documentation tools, supporting ambulatory clinic best practices for ordering, administration and documentation of IV medications, formulary additions and new therapies, back-order management.
- Successful OCP assessments at Charlton, King, and Retail Pharmacy.
- Pharmacy Strategic Plan – updated in early 2023.
- Innovative leadership and pharmacy support to Qikiqtani General Hospital in Nunavut and local area – clinical pharmacist and technician coverage on-site, on-site and remote leadership by the SJHH Director Carmine Nieuwstraten and Senior Manager Sumanth Kalidoss.

## External Activities:

### Presentations

- Review of Hyperphosphatemia in CKD – Presented by Richa Desai at the Canadian Association of Nephrology Nurses and Technologists Conference (Oct 2022).
- Immunosuppressive Medications in Glomerulonephritis – Presented by Alison Shipley at the Canadian Association of Nephrology Nurses and Technologists Conference (Oct 2022).



## LEADING continued...

### Committees:

- Hamilton Integrated Research Ethics Board (HiREB)
- HHS—Pharmacy and Therapeutics Committee and Antimicrobial Sub-Committee
- HNHBB – Hospital Pharmacy Director Committee
- Mohawk Medbuy:
  - Pharmacy Committee and Buyer’s Committee
- Pharmacy Committee’s Strategic Planning Subcommittee
- Pharmacy Residency Forum of Ontario (PRFO)
- Regional Infection Prevention and Control Committee
- Renal Pharmacists Network 2022-2023
- Pharmacy Examining Board of Canada (PEBC) OSCE—Chief Examiner
- PEBC OSCE Pharmacist Exam—Assessors
- Provincial Quality Standards for Schizophrenia
- Ontario Renal Network (ORN) GN Drug Access Task Group
- Mohawk College Pharmacy Technician Advisory Committee
- University of Waterloo School of Pharmacy Admission Panel 2022-23
- Canadian Society of Hospital Pharmacists (CSHP) Activities:
  - Drug Information, Psychiatric Pharmacists and Infectious Disease Specialty Networks
  - CSHP DUE Ontario Pharmacists Group
  - CSHP National Awards—appraiser
  - CSHP Canadian Hospital Pharmacy Residency Surveyor Group
  - CSHP Ontario Branch Golden Horseshoe Chapter— members
  - CSHP Ontario Branch Golden Horseshoe Chapter Residency Night Posters - Reviewers

### Major Initiatives for 2023:

#### CARING

- Create the Pharmacy Integrated Quality and Operations Council to support delivery of high-quality pharmacy services to ensure high quality patient care.
- Assess impact and role of expanded scope of practice for pharmacist activities (Paxlovid and Minor Ailment prescribing) for inpatient pharmacy teams (Charlton and West 5<sup>th</sup>).
- Prepare and participate in hospital accreditation.

## Major Initiatives for 2023 continued...

### LEARNING

- Enhanced preceptor training and development activities with goal of increasing preceptor pool for Pharmacist and Pharmacy Technician preceptors.

### BUILDING

- Resume the Pharmacy Practice Council to support continuous quality improvement in pharmacy practice.

### LEADING

- Completion of Omnicell implementation at King and West 5<sup>th</sup> sites.
- Implementation of SwissLog Boxpicker Inventory Management System and associated workflows.
- Completion of sterile compounding facilities re-development and implementation and optimization of workflows and standard operating procedures to support safe and effective sterile preparation of medications.

