



London Health Sciences Centre

PHARMACY SERVICES

RESIDENCY PROGRAM INFORMATION

2017 - 2018

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**PHARMACY SERVICES
GENERAL RESIDENCY PROGRAM**

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PROGRAM DESCRIPTION

A 56-week post-graduate training program to prepare pharmacy graduates for contemporary hospital practice. The residency program emphasizes pharmaceutical care as well as practical elements of distribution, education, administration and leadership, and outpatient services. The resident is taught through a combination of structured education programs and self-directed learning. The program has been in existence since 1972 and is accredited with the Canadian Pharmacy Residency Board (CPRB).

Alternate residency structures and schedules can be discussed at the time of the interview with the Director and Coordinator. In some cases, specific alterations to schedules and structures can be made to facilitate the candidate's participation in the residency program.

PREREQUISITES

Graduates or prospective graduates of a Faculty of Pharmacy in which the curriculum meets the standards established by the Association of Faculties of Pharmacy of Canada may be considered for admission to the program. Candidates must be licensed or eligible for licensure as a student, intern or pharmacist with the Ontario College of Pharmacists (OCP). Residents must be members of the Canadian Society of Hospital Pharmacists (CSHP) during the residency.

APPLICATION PROCEDURES

Application form must be completed and submitted to CSHP by the date stated by CSHP. (<http://cshpontario.ca/web/la/en/pa/54146C80DD4748198E2FB1EA99AD767E/template.asp>)

Twenty four applicants will be chosen for face-to-face interviews with the Program Director, Coordinator and selected pharmacy staff prior to acceptance.

START DATE

London Health Sciences Centre Pharmacy Services accepts 5 residents between Victoria Hospital and University Hospital sites. Start date for residency is variable between July and September for 56 weeks.

MEETINGS

Residents will attend/participate in Pharmacy Staff Meetings, Multidisciplinary Meetings, and other meetings as scheduled by the Residency Coordinator/Rotation Preceptor.

CONFERENCES

Residents will be registered to attend the Annual Resident Clinical Conference in September, the CSHP, Professional Practice Conference (PPC) in February as well as the London Health Sciences Centre Therapeutics in Action Conference (TIA) in October. The Department will provide time away and financial support for each resident to attend these conferences.

Additional conferences can be attended if the resident has a special interest and appropriate arrangements can be made with the Residency Coordinator. The costs associated with any additional conferences will be the resident's responsibility. Each resident will have up to 10 conference days maximum.

Examples of alternative conferences include:

Pediatric Pharmacy Advocacy Group (PPAG) – Spring
CSHP - Annual General Meeting – August
CSHP - Ontario Branch Annual Meeting – October

VACATION

Each resident will have 10 vacation days. You will be scheduled for 2 weeks off the weeks of Christmas and New Years as a default. These days will count towards your 10 vacation days. Alternate dates may be negotiated with the Residency Coordinator, Preceptor and Scheduler.

PRESENTATIONS

Residents will present posters at CSHP, Professional Practice Conference, Sharing Session at London Health Sciences Centre – Therapeutics in Action (TIA) poster presentation, CSHP - Ontario Branch Education Meetings / Awards Night, CSHP Lake Erie Chapter Residents' Night.

LECTURE SERIES

The Residents' Lecture Series is a series of lectures organized by the Residency Coordinator for the residents early in their residency year. The lectures are given by staff pharmacists on a series of topics that are likely to be beneficial for all of the residents during their residency year. Topics include, but are not limited to, how to set goals and objectives, documentation, interpretation of laboratory values, vasopressors and inotropes, and renal drug dosing. These topics will compliment, but not duplicate those covered at the Annual Residents Clinical Conference in Toronto.

EDUCATION

Residents will attend, regularly participate in and present at scheduled education events including Medical Grand Rounds, Medical Team Rounds, Pharmacy Breakfast Club, Journal Club, Strut Your Stuff, Residents Report weekly/biweekly depending on site and Pharmacy Improving Patient Safety meetings. Residents are responsible for setting goals and objectives for every presentation.

COMPENSATION & BENEFITS

Compensation is based on an hourly stipend of \$18.014 per hour plus 13% in lieu of benefits. When the resident works as a Pharmacist, these hours will be paid as intern or licensed pharmacist as applicable. Residents work one evening per week as a pharmacist. Extra hours may be available depending on staffing needs at the time.

ADDITIONAL REQUIREMENTS

Residents are also required to conduct tours of the pharmacy for students or other guests of the department and participate in resident and student recruitment.

ROTATIONS

MANDATORY ROTATIONS		TIME SPENT
Orientation	The resident will meet with the Residency Coordinator, Director, past residents and Administrative Assistant during their first week on site. They will have tours of the Pharmacy Department at Victoria Hospital and University Hospital. The resident will also attend Corporate Orientation during this first week.	1 week
Inpatient Drug Distribution	Direct training and responsibility in a computerized unit dose and IV additive operations, chemotherapy, manufacturing, packaging and narcotic distribution. After completion of this rotation residents will work one evening per week as a pharmacist or intern.	6 weeks
Drug Information (LonDIS)	Participation in the activities of the Regional Drug Information Centre and provision of drug information to staff physicians, community practitioners and the public are stressed. Understanding literature sources and manuals and computerized retrieval and response formats will be highlighted. Residents will be introduced to the Ontario Regional ADR Reporting Centre.	4 weeks
Evidence Based Medicine (Also an elective rotation)	All residents will participate in a one week Evidence Based Medicine (EBM) rotation led by pharmacists with expertise in EBM. In addition, the resident may choose to participate in a 3-4 week elective rotation in EBM. This will include participation in the assessment of drug use within the institution, within a framework of evidence based prescribing, which may include preparation of a systematic review or meta-analysis. The resident, through developing guidelines for appropriate use and collection of information on actual use, will develop an understanding of various surveillance techniques and change management strategy.	1 week
Pediatrics <ul style="list-style-type: none"> • General Pediatrics • PCCU • Hematology/Oncology • NICU 	The resident will spend a minimum of 2 weeks on general paediatrics as part of their paediatric rotation. Disease states encountered may include sepsis, meningitis, bronchiolitis, asthma, pneumonia, febrile neutropenia, seizure disorders, metabolic disorders and gastroenteritis. The resident can spend another 2 weeks on general paediatrics or may choose to spend 2 weeks in the Neonatal Intensive Care Unit, Paediatric Critical Care Unit or paediatric haematology/oncology. The resident can also choose to spend 4 weeks on general paediatrics, followed by an additional 2-4 weeks in the NICU, PCCU or paediatric haematology/oncology.	4 weeks
Infectious Disease/ Antimicrobial Stewardship	The resident will spend one week working with the antimicrobial stewardship pharmacist followed by 3 weeks on the Infectious Disease consult service for Victoria Hospital.	4 weeks

General Medicine	The resident will develop the skills, tools, and attitudes needed to function as a General Medicine Pharmacist in a collaborative, patient/family centric dynamic. The resident will learn evidence-based and evidence-informed therapeutics of commonly encountered disease states, such as pneumonia, endocarditis, COPD, CHF and diabetes.	4 weeks
Surgery	The resident is required to complete a 4 week surgical rotation. The resident may request this rotation be in one of the following clinical areas General Surgery, Orthopedics, Cardiovascular, Vascular, Gynaecology or Neurosurgery.	4 weeks
Project	The Residency Advisory Committee reviews all potential applications for residency projects. The resident is responsible for the development, research and preparation and presentation of a quality project with a preceptor. A final version of a manuscript is expected to be submitted before the end of the 13 th month. Residents are strongly encouraged to submit projects for publication in a peer reviewed journal.	6 weeks
Clinical Practice	At the end of the residency the resident assumes the role of a pharmacist and covers a specific clinical service. This integrates the knowledge gained in other areas of the residency into a final rotation.	4 weeks

ELECTIVE ROTATIONS		TIME SPENT
Clinical Rotations	A variety of elective rotations are available, including but not limited to cardiology, personalized medicine, oncology, psychiatry, nephrology, neurology, respiratory, transplant, evidence based medicine, critical care, and palliative care. Rotation availability depends on preceptor availability and scheduling. Some rotations are primarily ambulatory in nature (e.g. outpatient dialysis).	15-16 weeks (3-4 weeks per rotation)
Pharmacy Leadership	Leadership topics such as Emotional Intelligence, Managing Change, Coaching, and Resilience will be presented by the residents at weekly breakfast meetings. The resident will also lead the discussion on a leadership topic of their choice. Various guests will be invited to participate throughout the year. In addition, the resident may choose to participate in a 1 week elective leadership rotation.	1 week