



London Health Sciences Centre

**LONDON HEALTH
SCIENCES CENTRE**

**PHARMACY
RESIDENCY PROGRAM
2012-2013**

PHARMACY RESIDENT OUTLINE LONDON HEALTH SCIENCES CENTRE Address: 800 Commissioners Road, East London, Ontario N6A 5W9 Phone: (519) 685-8464 Fax: (519) 667-6621 Internet: www.lhsc.on.ca/pharmacy	DATE: October 1, 2010 GENERAL RESIDENCY PROGRAM NUMBER OF RESIDENTS: 5
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1. **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, educational, administrative, and outpatient services. The resident is taught through a combination of structured education programs and self-directed learning. Successful completion of rotations, completion of project in a ready to publish format, participation in and successful completion or oral examinations to complete the residency program. Preceptors for residents have an interest/desire to teach and have a minimum two year experience in practice (one year if a graduate of a residency program/PharmD program). The program has been in existence since 1967 and is accredited with the CHPRB. .
2. **START DATE:** Variable between June and August, 2010. The residency is 56 weeks in duration.

3. **ROTATIONS/ACTIVITIES/TIME SPENT:**

ROTATIONS	ACTIVITIES	TIME SPENT
Inpatient Drug Distribution	Direct training and responsibility in a computerized unit dose and IV additive operations, chemotherapy, manufacturing, packaging and narcotic distribution.	6 weeks
Clinical Rotations	Includes mandatory rotations in general medicine and surgical care. Elective rotations are available in cardiology, respirology, pediatrics, oncology, psychiatry, nephrology, neurosciences, infectious diseases, gynaecology, transplant, critical care and neonatology (external). Rotation availability depends on preceptor availability and scheduling. Select rotations are primarily ambulatory in nature (e.g. renal). Residents are to schedule a meeting in the last week of each rotation with preceptor to conduct resident evaluations.	29 weeks (3-4 weeks per rotation)
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
Project	The Professional Practice Education Committee prepares all project ideas. The resident is responsible for the development, research and preparation and presentation of a quality project with a preceptor. Residents are strongly encouraged to submit projects for publication in a peer reviewed journal.	6 weeks
Evidence Based Prescribing Rotation	All residents participate in a one week Introduction to Evidence Based Medicine Rotation. In addition, the resident may choose to participate in a 3-4 week elective rotation. This will include participation in the assessment 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.	3-4 weeks

Practice Management	Attendance at Drug and Therapeutics Committee, and various interdepartmental and intra departmental meetings. Develop and execute an administrative project related to new program development, planning, implementation, etc. Participate in recruitment sessions. Gain an understanding of budgeting, human resource management, CQI, personnel management, inventory control, workload stats and report writing.	1 week
Clinical Practice	At the end of the residency the resident assumes the role of pharmacist and covers a specific clinical service. This integrates the knowledge gained in other areas of the residency into a final rotation.	4 weeks
Conferences	Residents will be registered to attend the CSHP, Professional Practice Conference submission, Therapeutics in Action (TIA), Technicians in Action. Other conference days may be used for Canadian conferences only (eg. CSHP-AGM). Alternative conferences can be attended if the resident has a special interest and appropriate arrangements can be made.	2 weeks Maximum
Vacation	These are arranged with the Residency Coordinator, in conjunction with the scheduler.	12 Days

4. EXTRA-ROTATIONAL ACTIVITIES

ACTIVITY	FUNDING PROVIDED
Conferences: CSHP - Professional Practice Conference - February Therapeutics in Action (LHSC) - October CSHP - Annual General Meeting - August CSHP - Ontario Branch Annual Meeting - October Technicians In Action (LHSC)	Mandatory Mandatory Travel expenses (eg. Hotel, transportation, meals) are covered for approved conferences Mandatory

ACTIVITY
Other/Presentations: Poster Presentation at CSHP-PPC, Sharing Session at LHSC-'TIA' conferences, CSHP - Ontario Branch Education Meetings / Awards Night, CSHP Lake Erie Chapter Residents' Night - July
Meetings: Pharmacy Staff Meetings, Multidisciplinary Meetings, Professional Practice Education Committee and residents will attend/participate in other meetings as scheduled by the Residency Coordinator/Rotation preceptor.
Education: Residents will attend regularly participate and present in scheduled education events including Medical Grand Rounds, Medical Team Rounds, Resident Lecture Series, Pharmacy Breakfast Rounds, Journal Club, SYS (Strut Your Stuff), Residents Report weekly/biweekly depending on site and Pharmacy Involved Patient Safety meetings.

5. **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. Candidates must be licensed or eligible for licensure as a student, intern of pharmacist with the Ontario College of Pharmacists. Residents must be members of the Canadian Society of Hospital Pharmacists during the residency.

6. **APPLICATION PROCEDURES:** Application form completed and submitted to Sandy Jansen, Director of Pharmacy Services by the date stated by CSHP (http://www.cshp.ca/programs/residencyTraining/programsinfo_e.asp) Personal interview with the Program Director or Coordinator prior to acceptance. Phone or video interviews are considered on the request of the candidate.

7. **ADDITIONAL COMMENTS:** 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. The residents are evaluated during and after each rotation. Residents undergo an oral exam in the last month of the residency. The content covers a range of topics covered throughout the residency.

Compensation is based on an hourly stipend of \$17.661 per hour plus 13% in lieu of benefits. Pharmacist work is paid as intern or licensed pharmacist as applicable. Residents work evenings as a pharmacist (180 hours per year). Extra hours may be available depending on staffing needs at the time. Residents have access to office space with network computer programs such as e-mail, word processing, spreadsheet and presentation software.

Throughout the first half of the residency year, the residents participate in the Resident Lecture Series. These lecture sessions are presented by pharmacists and cover a wide range of therapeutic topics, which are seen in a variety of clinical areas, or information that will be useful throughout the residency. The topics addressed may include diabetes, interpreting blood gases, Medline and internet searching, critical appraisal, lab value interpretation, diabetes, stroke, etc.

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. These will be evaluated on a case by case basis.

8. PROGRAM DIRECTOR:
Sandy Jansen

PROGRAM COORDINATOR:
Dave Knopert

PHARMACY MEDICAL LEADER
Dr. Phil Jones

U OF TORONTO- FACULTY LIAISON
Andrea Cameron

U OF WATERLOO - FACULTY LIAISON
Feng Chang