

**PROGRAM OUTLINE**

**TYPE OF PROGRAM:** General Hospital Residency focused in Primary Care and Family Medicine

**NUMBER OF RESIDENTS:** One (1)

**DATE:** updated Jan 6, 2021

1. **PROGRAM DESCRIPTION:** The current healthcare environment in Canada demands that the primary care system adopt an interprofessional model of care, creating a unique opportunity for pharmacists. This residency is a 52 week post-graduate training program accredited by the Canadian Hospital Pharmacy Residency Board. It will provide the resident with experience in a variety of ambulatory care settings. It is designed to prepare the graduates for successful careers as independent practitioners of Pharmaceutical Care in an ambulatory care setting. The majority of the resident's time will be spent in the Toronto Western Family Health Team with special attention on the needs of the aging population, new immigrants, children and women. The clinic is comprised of an inter-professional team including dietitians, chiropody, nurses, occupational therapists, pharmacists, physicians, physiotherapists, and social workers. Some required and elective rotations can be completed longitudinally over a period of time. The resident will have the opportunity to lead a research project in Primary Care. Opportunities to enhance presentation and communication skills, become involved with teaching, research and other scholarly activities will be available. UHN is a tertiary teaching care hospital affiliated with the University of Toronto.

2. **STARTING DATE:** September of each year

3. **ROTATIONS/ACTIVITIES/LENGTH:**

ROTATION	ACTIVITIES	LENGTH
Family Health Team	Twenty weeks of the residency will be devoted to providing direct patient care to patients of the Toronto Western Family Health Team. Patient care activities include: patient interviews and medication histories, identifying, preventing and resolving drug-therapy problems; developing and implementing pharmacy care plans; discharge patient counseling; providing drug information, warfarin management and pharmacokinetic services. Additional activities include: conducting in-services to nurses and medical staff when required; attending and participating in team meetings and rounds; and applying evidence-based medicine. Residents will participate in case discussions, journal club, evidence-based medicine and formal case presentations to the pharmacy staff as well as teaching sessions lead by clinical leaders in the department. There is also a two week clinical initiative where the resident provides service to an area previously not served by pharmacists.	20 weeks
Clinical Electives	Two clinical electives rotations of the resident's choice may include: ambulatory nephrology (hemodialysis or peritoneal dialysis/chronic kidney disease), ambulatory HIV/immunodeficiency, mental health, emergency medicine, antimicrobial stewardship, pain clinic, external ambulatory clinic (Women's College Ambulatory Medicine clinic and others are some examples, not available every year	8 weeks

ROTATION	ACTIVITIES	LENGTH
General Internal Medicine	Through this rotation the resident will provide care to patients admitted to a general medicine unit at Toronto General or Toronto Western hospital. The resident has the opportunity to care for a diverse patient population and encounter a wide range of clinical disease states. Patient care activities include: providing clinical pharmacy services, working up assigned patients using the Pharmaceutical Care Assessment Tool, preventing and resolving drug-therapy problems, developing and implementing pharmacy care plans, discharge patient counseling, providing drug information, documenting pharmacy interventions/activities, and participating in interprofessional rounds. The resident will also be responsible for developing and presenting 1 presentation to staff pharmacists and may participate in educational rounds such as: pharmacy education, journal clubs, and interprofessional education/collaboration placements.	5 weeks
External Family Health Team (FHT)	The resident will work with an interprofessional team to provide pharmaceutical care to patients with a variety of disease states at an external family health team (University of Waterloo FHT, Hamilton FHT, and others are some examples). Through this rotation, the resident is expected to understand and appreciate the unique benefits and challenges associated with working at a large city-wide community-based FHT. Patient care activities include: providing clinical pharmacy services, working up assigned patients using the Pharmaceutical Care Assessment Tool, preventing and resolving drug-therapy problems, performing medication reviews and assessments, providing medication recommendations, documenting pharmaceutical care assessments and plans, performing chart reviews, participating in interprofessional case discussions, and providing drug information. The resident is also responsible for running chronic disease management clinics independently and/or with interprofessional team members. Additional activities include preparing and delivering up to 2 teaching sessions to other FHT team members.	4 weeks
Research Project	The resident has the opportunity to choose a project that is of interest to them and is in an area of need recognized by the Family Health Team. The project includes a proposal, literature search, data collection, data analysis, project write-up, and presentation of completed project to the Residency Advisory Committee, pharmacy staff and at the annual CSHP Toronto area resident research night. The resident will work with a pharmacist preceptor knowledgeable in the area of the project chosen.	7 weeks
Leadership/ Administration	Through this rotation the resident will develop an understanding of the leadership and management principles that may be applied to the operation of a hospital pharmacy as well as an understanding the role of the pharmacy department within the organization. The rotation will provide opportunities to gain knowledge, foster interest and exposure to management skills which will enhance problem-solving abilities, and contribute to pharmacy leadership potential. This rotation is completed in conjunction with the other pharmacy residents and pharmacy learners.	2 weeks
Drug Information	The drug information rotation will provide the resident with a basic background in the storage, retrieval and dissemination of drug information using a practical "hands-on" manner. Activities include: providing drug information to pharmacists, nurses, physicians, and the public; developing	2 weeks

ROTATION	ACTIVITIES	LENGTH
	a knowledge of utilizing primary, secondary and tertiary drug information resources; understanding the role of the Drug Information Service (DIS) and the Pharmacy and Therapeutics (P&T) Committee; developing an awareness of the DIS available to the hospital pharmacist in Ontario. Residents may also have the opportunity to prepare a Drug Information Bulletin, an investigational drug monograph, a drug review for P&T, and/or assist in the preparation of a DIS activities report.	
Teaching/Preceptorship	Throughout the residency year, the resident will have the opportunity to provide guidance and preceptorship to a variety of pharmacy students at varying levels of training. In addition, residents will experience coaching, facilitation and leading small group teaching sessions.	Longitudinal
Conferences/ Interdepartmental Activities	Residents will attend the CSHP Professional Practice Conference in February as well as the annual Ontario Pharmacy Residents' Clinical Conference organized by HPRFO.	~1 week
Vacation	To be scheduled before the start of the residency year.	2 weeks

**4. EXTRA- ROTATION ACTIVITIES:**

- Anticoagulation training
- Medical Grand Rounds
- Pharmacy department rounds including Clinical Foundations, Clinical Sharing Sessions & Clinical Coffee
- Pharmacy In-services
- Various Projects and teaching activities

**5. PREREQUISITES:**

Graduate of a Faculty of Pharmacy in which the curriculum meets the standards established by the Association of Faculties of Pharmacy of Canada; eligible for licensure to practice pharmacy in a Canadian province.

**6. APPLICATION PROCEDURES:**

As per CSHP and CPRB each year. The deadline is typically late fall. Please consult [www.cshp.ca](http://www.cshp.ca) for details.

**7. ADDITIONAL COMMENTS:**

The resident is evaluated during and after each rotation and at the mid point of their residency year according to a structured evaluation process. Some rotations may be adjusted according to the resident's previous experience.

**8. SALARY/BENEFITS:** \$35 000 per year. No benefits. Two weeks vacation.

**9. PROGRAM DIRECTORS:**

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Mr. Gary Wong, BScPhm  
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**10. PROGRAM COORDINATORS:**

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