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University of Louisville Hospital / James Graham Brown Cancer Center

PGY2 Oncology Pharmacy Residency Program requirements for successful completion of the University of Louisville pharmacy residency program 2019-2020

Career Goal:

To create pharmacists with ability to function independently as oncology pharmacy specialists in practice settings including adult hospital oncology services, ambulatory care oncology and clinical faculty appointments.

Requirements for the residency year:

The resident will be required to have the following 1 month rotations: a minimum of 3 months of inpatient solid tumors (2 medical oncology, 1 gynecology oncology), 2 months of inpatient bone marrow transplant, 2 months of ambulatory care solid tumor clinic, 1 month of outpatient bone marrow transplant clinic, 1 month of informatics, longitudinal oncology clinic (1 day / week for 10 months), longitudinal service (208 hours ~26, 8-hour shifts), longitudinal administration, longitudinal drug information, and longitudinal research (1 completed research project with national meeting poster presentation and manuscript submitted for publication). The ultimate goal is to develop the resident's skills as a clinical pharmacist in the area of hematology and oncology. The resident is required to achieve $\geq 80\%$ of all RLS outcomes, goals and objectives as well as 80% (11 objectives of competency area 1) and does not have any active NIs in order to successfully to complete the residency.

Activities (common to all experiences)

1. **Patient Care**
 - a. Attend daily rounds
 - b. Monitor drug therapy on all patients in service, make appropriate recommendations, pharmacokinetic monitoring and supportive care
 - c. Have direct interaction with patients through medication histories, allergy update, immunization screening and medication counseling.
 - d. Participate in MUE, ADR and medication error reporting
 - e. Provide drug information to health care professionals
 - f. Present and discuss patient care issues with the preceptor
 - g. Participate in clinical research projects and drug study implementation

2. **Meetings**
 - a. Multidisciplinary hematology/oncology conference every Friday
 - b. Oncology M&M every Friday

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- c. Pharmacy Journal Club attendance every other Thursday
- d. Cancer Care (C2) Conference first and third Wednesday monthly
- e. Attend quarterly oncology P & T subcommittee meetings
- f. Attend ASHP MCM and participate in PPS (optional)
- g. Attend HOPA meeting
- h. Attend Great Lakes Regional Conference (optional)

3. Teaching

- a. Primary preceptor of students and PGY1 residents during repeat learning experiences
- b. Provide **one didactic lecture** in an academic setting
- c. Provide **one nursing** and **one medical in-service** while on **most rotational** experiences
- d. Participate in **one community service program**
- e. Provide **one, 1-hour ACPE approved continuing education** to pharmacy department
- f. Provide **five, 1-hour oncology pharmacy cancer conference presentations**

4. Residency Activities

- a. Coordinate **one resident-led longitudinal activity (resident job)**
- b. Attend required resident social events
- c. Complete **one research project**
- d. Complete **one quality improvement project**
- e. Prepare and present **two P & T monograph or drug class review**
- f. Prepare and present **either one new policy/procedure or two antineoplastic policy/procedure**

Rotation Schedule:

Month	Rotation Preceptor	Rotation Site
July	Orientation	ULH/BCC
August		
September		
October		
November		
December		
January		
February		
March		
April		
May		

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June		
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Projects, Teaching, Inservices and Skills to be completed:

1. Research

The resident will have a research project that will be presented as a poster at a national meeting and manuscript completed that is submitted for publication prior to the conclusion of the residency year

- a. Skills to be developed: Protocol development, IRB submission, obtaining informed consent, data collection, data analysis, poster preparation, slide preparation, public speaking, manuscript preparation

Research Project	INITIALS / ASSESSMENT

2. Teaching

- a. Minimum of 1 didactic lecture to PharmD students at a College of Pharmacy

TOPIC	DATE	INITIALS / ASSESSMENT

- b. Preceptorship of PharmD students/residents on clinical inpatient rotation

Rotation Serving as Primary Student Preceptor	DATE	INITIALS / ASSESSMENT

- c. Nursing in-services will be given throughout the year on clinical rotations

TOPIC	DATE	INITIALS / ASSESSMENT

- d. 5 oncology cancer conferences throughout the year and 1 continuing education (CE) to the University of Louisville Health Care Pharmacy Department

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TOPIC	DATE	INITIALS / ASSESSMENT

e. Required ASHP disease topics

Supportive Care (reviewed by incoming PGY2 residents)
Melanoma (reviewed by specialty practice pharmacists)
Ovarian (reviewed by specialty practice pharmacists)
CML (reviewed by specialty practice pharmacists)
NSCLC (reviewed by specialty practice pharmacists)
Colon (reviewed by specialty practice pharmacists)
Prostate (reviewed by specialty practice pharmacists)
Breast (reviewed by specialty practice pharmacists)
CLL (reviewed by specialty practice pharmacists)
Pancreatic (reviewed by specialty practice pharmacists)
SCLC (reviewed by specialty practice pharmacists)
Rectal (reviewed by specialty practice pharmacists)
NHL (covered by BMT lecture series)
ALL (covered by BMT lecture series)
AML (covered by BMT lecture series)
HL (covered by BMT lecture series)
MM (covered by BMT lecture series)
Autologous (covered by BMT series)

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Allogeneic (covered by BMT series)

Pediatric malignancies (covered by specialty pediatric pharmacists)

3. Service Requirements

The resident will meet on a monthly basis with the oncology pharmacy services manager to discuss administrative topics in addition to the following:

a. One quality improvement project

Project	INITIALS / ASSESSMENT

b. One community service project

Project	INITIALS / ASSESSMENT

c. Present 2 drug monograph or drug class review

Project	DATE	INITIALS / ASSESSMENT

d. 1 new policy/procedure or 2 Policy/Procedure revisions

Project	DATE	INITIALS / ASSESSMENT

e. Coordinate one resident-led longitudinal activity

Project	INITIALS / ASSESSMENT

