

## PGY1 Course Description

### Learning Experience Title: Drug Information

#### Preceptor:

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#### Description:

The Drug Information experience is a required 4 week rotation in the Truman Medical Center PGY1 Residency program. A pharmacist in this role will practice advanced concepts in Drug Information and application of Evidence Based Medicine. During the experience the resident will apply advanced Drug Information and Evidence Based Medicine skills to formulate recommendations for various members of the health care team. A longitudinal log of Drug Information Activities performed outside of the 4 week rotation will be maintained by the resident and supervised by Drug Information preceptor to allow the resident additional opportunities to apply Drug Information and Evidence Based Medicine skills outside of the focused 4 week rotation. The activities documented in the log are to be reviewed by the Drug Information Preceptor. The resident will be responsible for documenting additional activities completed outside of the 4 week rotation.

#### Learning Experience Responsibilities:

- Attend and participate all meetings related to the function of the Pharmacy and Therapeutics Committee
- Attend Drug Information Center activities and presentations.
- Attend any necessary Drug Information Center orientations
- Research background information for research project, develop protocol, submit IRB documents, develop and submit ASHP Midyear Clinical Meeting abstract
- Develop medication use evaluation, collect and analyze data
- Attend all meetings related to the function of the Pharmacy and Therapeutics Committee

#### Learning Experience Activities:

Activity	Objectives Covered
Formulary request for Truman Medical Center Pharmacy and Therapeutics Committee	
<ul style="list-style-type: none"><li>• Complete medication review of medication requested including the formulation of recommendation to the</li></ul>	R2.1.1

committee	
<ul style="list-style-type: none"> <li>Preparation of written and verbal report of final results to Pharmacy and Therapeutics Committee</li> </ul>	R2.2.5
<b>Mediation Use Evaluation</b>	
<ul style="list-style-type: none"> <li>Development of data collection tool, data collection, data analysis</li> </ul>	R2.1.2
<ul style="list-style-type: none"> <li>Assimilation of results and necessary recommendations</li> </ul>	R2.1.3
<ul style="list-style-type: none"> <li>Preparation of written and verbal report of final results to Pharmacy and Therapeutics Committee</li> </ul>	R2.2.5
<b>DI requests from various members of the health care team</b>	
<ul style="list-style-type: none"> <li>Determine appropriate question and research question</li> </ul>	R1.1.3
<ul style="list-style-type: none"> <li>Formulate and provide response</li> </ul>	R4.1.3
<b>APPE student meetings and presentations including but not limited to Friday Morning Meetings and Journal Clubs</b>	
<ul style="list-style-type: none"> <li>Participate in discussion with students following presentation</li> </ul>	R4.2.2
<ul style="list-style-type: none"> <li>Provide feedback to student presenters</li> </ul>	R4.2.1
<b>Resident Project</b>	
<ul style="list-style-type: none"> <li>Identify topic of resident research project, develop project protocol, complete necessary IRB paperwork, prepare abstract for ASHP Midyear Clinical Meeting</li> </ul>	R2.2.1
<ul style="list-style-type: none"> <li>Begin implementation of project protocol</li> </ul>	R2.2.3

**Objectives selected to be evaluated during learning experience:**

R1.1.3: (Analyzing) Collect information on which to base safe and effective medication therapy.

R2.1.1: (Creating) Prepare a drug class review , monograph, treatment guideline or protocol.

R2.1.2: (Applying) Participate in a medication use evaluation.

R2.1.3: (Analyzing) Identify opportunities for improvement of the medication use system.

R2.2.1: (Analyzing) Identify changes needed to improve patient care and/or the medication use systems.

R2.2.3: (Applying) Implement changes to improve patient care and/or the medication use system.

R2.2.5: (Creating) Effectively develop and present, orally and in writing, a final project report.

R4.1.3: (Applying) Use effective written communication to disseminate knowledge.

R4.2.1: (Applying) When engaged in teaching, selecting a preceptors' role that meets learners' educational needs.

R4.2.2: (Applying) Effectively employ preceptor roles, as appropriate.

**Requirements of Learning Experience:**

Expected hours: 40 hours/week. Schedule may vary depending on staffing requirements and necessary adjustments for resident responsibilities, meetings, presentations outside of the Drug Information Center.

Required presentations: Residents will be expected to present results of MUE/formulary review at Pre P and T and full Pharmacy and Therapeutics Committee meeting.

Required readings:

- Nau D. Quality Improvement and the Medication Use System. In: Malone, PM, Kier KL, Stanovich JE, et al. *Drug Information: A Guide for Pharmacists*. 5<sup>th</sup> ed. New York, NY: McGraw Hill Companies, Inc; 2014.
- ASHP Guidelines on Medication Use Evaluation. *Am J Health Syst Pharm* 1996; 53:1953-5.
- AHSP Guidelines on the Pharmacy and Therapeutics Committee and the Formulary System. *Am J Health Syst Pharm* 2008; 65:1272-83.
- Malone PM, Fagan NL, Malesker MA, et al. Pharmacy and Therapeutics Committee. In: Malone, PM, Kier KL, Stanovich JE, et al. *Drug Information: A Guide for Pharmacists*. 5<sup>th</sup> ed. New York, NY: McGraw Hill Companies, Inc; 2014.
- Bryant PJ, Pace HA. *The Pharmacists Guide to Evidence Based Medicine for Clinical Decision Making*. 1<sup>st</sup> ed. Bethesda, MD: American Society of Health System Pharmacists, Inc; 2009.

Preceptor interaction: Residents will interact with the preceptor on a daily basis with planned weekly meetings to discuss progress and questions. Feedback will be provided and discussed during these meeting Additional meetings may be arranged if needed.

Communication: communication will take place in person, via email or phone as schedule allows.

Expected progression of resident on this learning experience: Resident will be expected to progress to a level of self-directed completion of all activities.

**Method of Evaluation:**

Evaluation of the resident will be based on the ASHP activity learning experiences listed above. Each learning activity has a corresponding code following the experience which corresponds to the activity learning experience listed in PharmAcademic®. During the orientation to the learning experience, the preceptor and the resident will review all the material contained in this learning experience description and sign a copy to be retained in the residents file.

The preceptor will provide feedback verbally (formative) throughout the course of the learning experience and electronically (summative) via PharmAcademic® at the conclusion of the experience. Once the resident is finished with all of the requirements for the experience, the preceptor and the resident will discuss the learning experience as a whole both formally and informally. The resident will also be responsible for providing both formative and summative feedback at the conclusion of the experience. All evaluations must be submitted by the conclusion of the learning experience.

*I have read and acknowledged the responsibilities of the learning experience.*

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Pharmacy Resident

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Primary Preceptor