Suggested activities to meet objectives for IPPE 3

**Week 1 Activities- Objective 1**

- Discuss with primary preceptor his/her roles and responsibilities. (Each time student is in a new setting/environment in pharmacy, needs to address that personnel’s roles and responsibilities.)
- Describe the personnel of the pharmacy, including job titles and primary responsibilities.
- Describe services and activities provided by pharmacy. (This may be continued in week 2)
- How is the site involved in training- Pharmacy students, pharmacy residents, other health care professionals?

**Week 2 Activities**

- Describe the workflow in the pharmacy on an average day.
- Describe the medication order cycle. (See attached)
- Is the pharmacy centralized or decentralized?

**Week 3 Activities- Objective 3**

- Participate in the dispensing of inpatient medications
  - Receive and interpret prescriptions (order entry as allowable)
  - Assess prescriptions for accuracy and appropriateness (drug, dose, route and frequency) and order verification
  - Compare medication products against labels for accuracy (checking)

**Week 4 Activities- Objective 14**

- Identify different services pharmacy technicians provide and the role they play in hospital drug distribution. May spend a session accompanying pharmacy technician.
- Participate in drug distribution in the institutional setting (including medication storage, pre-packaging and inventory).
  - Perform pre-packaging procedures
  - Retrieve and label products
  - Restock hospital distribution system
  - Conduct inventory

**Week 5 Activities- Objective 4**

- Participate in IV sterile preparations
  - Participation in reviewing admixture orders for compatibility and stability and making appropriate recommendations
o Observe preparation storage and dispensing of parenteral products using aseptic technique
o Observe techniques for chemotherapy and TPN orders

**Week 6 and 7 Activities- Objective 11**

- Understand regulatory agencies and aspects of patient care. Demonstrate knowledge of current standards of institutional pharmacy practice.
  o Read and discuss the role of JCAHO, as well as patient safety standards or National Patient Safety Goals. Understand the role of these in this particular institution.
  o Attend and/or discuss a Pharmacy and Therapeutics (P&T) Committee meeting.
  o Attend and/or discuss an Institutional Review Board (IRB) meeting.
  o Discuss the role and scope of the institution’s quality assurance program.
  o Complete patient safety project or Drug Utilization Review (DUR)
  o Review formulary and pharmacoeconomic data

**Week 8 Activities- Objective 11**

- Students should review the US department of Justice Diversion Control Pharmacist’s Manual in preparation for this week’s activities and discussion.


- Legal implications/Controlled substances
  o Describe how the institution’s policies and procedures comply with state and federal laws regarding controlled substances
  o Describe ordering process for controlled substances
  o Describe storage requirements for scheduled drugs- in the pharmacy, patient care units and other specialized units in the institution.
  o Discuss procedure for disposal/destruction of controlled substances

**Week 9 Activities- Objective 12**

- Discuss with preceptor, preceptor designee or Informatics Pharmacist, the roles and responsibilities of the pharmacist in informatics and technology.
- Student should review “ASHP Statement on the Pharmacist’s Role in Informatics” in preparation for this week’s activities and discussion.
- Describe barriers and benefits of e-prescribing, faxed prescriptions, prescriber order entry, bar-coded administration of medication, etc.
**Week 10 Activities - Objective 5**

- Perform calculations to compound dispense and administer medications
  - Complete documentation of calculation of dosage and/or dosage conversion
  - Complete documentation of calculation of additives for IV or TPN products

**Week 11, 12 Activities - Objective 13**

- Discuss ethical issues in pharmacy practice and patient care
- Understand and abide by HIPAA regulations
- Round with Pharmacist or Clinical Patient Team
  - Monitor patient care
  - Participate in interprofessional team meeting
  - Prepare discharge summaries and perform discharge counseling
  - Conduct medication reconciliation
  - Prepare SOAP notes
  - Attend codes as authorized by preceptor

**Week 11, 12 Activities - Objective 13**

- Round with Pharmacist or Clinical Patient Team
  - Monitor patient care
  - Participate in interprofessional team meeting
  - Prepare discharge summaries and perform discharge counseling
  - Conduct medication reconciliation
  - Prepare SOAP notes
  - Attend codes as authorized by preceptor

**Week 13 Activities - Objectives 7, 8, 9, 12**

- Retrieve and evaluate drug information questions
- Prepare response to drug information question
- Communicate response to drug information question

**Week 14 Activities - Objectives 3, 7, 8**

- Perform medication history and patient interview

**Longitudinal and progressive activities that demonstrate critical thinking skills to facilitate decision making**

Example activities that may be longitudinal and/or performed multiple times:
• Work up patient cases - Prepare and communicate pharmaceutical care plans which demonstrate students ability to recommend appropriate drug therapy and alternative therapeutic solutions
• Participate in interprofessional, multi-disciplinary team meetings
• Round with pharmacist and/or clinical patient team
• Prepare discharge summaries
• Perform medication reconciliations
• Dispense in-patient medications
• Retrieve and evaluate drug information questions
• Provide in-services
• Calculate dosages and dosage conversions