C. Community APPE Rotation

1. Description

The Community Professional Experience Rotation is a four credit hour course, intended to be taken as part of the Pharmacy Practice series. A variety of community pharmacies within the State of Oklahoma are utilized as teaching/practice sites. During this course you will devote a minimum of eight hours a day to your assigned community pharmacy learning as a pharmacy intern under the supervision of a licensed pharmacy preceptor. In this practical experience setting, you will be involved in the routine daily activities, performing the usual duties of a community pharmacist. You may also be asked to perform in special pharmacy related activities as designated by your preceptor.

In addition to working under the supervision of your preceptor, a SWOSU COP Pharmacy Practice faculty member will be assigned to you at your Community Professional Experience Rotation site. The assigned faculty member will assist you in selecting special projects and reports and will be available to answer questions and discuss your progress in this professional experience rotation. The course is designed to allow the student to experience the practical aspects of community pharmacy and to help the student gain a better understanding of the role of the community pharmacist in the health care system.

The Guiding Principle for the Community Professional Experience Rotation is the Provision of Pharmaceutical Care which can be defined in the following manner: "The responsible provision of drug therapy for the purpose of achieving definite outcomes that improve a patient's quality of life." The major functions for the pharmacist in providing pharmaceutical care include:

1. Identification of potential and actual drug-related problems
2. Resolution of actual drug-related problems
3. Prevention of potential drug-related problems

During the Community Professional Experience Rotation the student is expected to gain experience in the following areas:

1. Prescription medication functions
2. Non-prescription medication functions
3. Administrative functions
4. Specialty area functions

2. Goals and Objectives

Overall Goal: To demonstrate the provision of pharmaceutical care in the community setting.

Objective: Upon completion of this unit, the student will be able to: Extent and emphasis of the goals and objectives listed below will be selected by each preceptor, according to those available at the rotation site.
a. Knowledge Base
   i. Drug and Disease State Knowledge
      ii. Demonstrate a working knowledge of disease states and medication therapies seen in the practice setting and how they apply to patient care

b. Provision of Pharmaceutical Care
   i. Information Gathering and Identifying Patient Needs
      ii. Interview patients to maintain current patient profiles, including allergies, medical conditions, medical history, and special needs
      iii. Effectively review patient profiles to accomplish an appropriate drug utilization review, using the following steps:
         1) Evaluate the patient's history of adverse effects
         2) Detect potentially unwarranted medication changes
         3) Review for potential quantitative misuse of medications
         4) Review for duplication of medications
         5) Evaluate potentially unwanted additive effects of medications
         6) Review for inappropriate dose, route, schedule, or dosage form
         7) Detect possible adverse drug effects
         8) Review for drug-drug and drug-food interactions
         9) Review for drug-disease interactions
        10) Review for possible irrational therapeutics
   iv. Assessment and Interpretation of Information
   v. Therapeutic Plan Development
      1) Identify potential and actual prescription preparation problems.
      2) Develop appropriate plans of action for resolution of prescription preparation problems
   vi. Therapeutic Plan Monitoring
      1) Monitor patients for appropriate drug outcomes

c. Practice Management
   i. Pharmacy Operations
      1) Discuss factors that relate to product acquisition and prescription pricing
      2) Identify and resolve reimbursement issues including those related to 3rd party billing
      3) Describe required record keeping practices to meet state and federal laws concerning prescription files, prescription drug inventory, employee files, etc
      4) Discuss general management policies of the pharmacy and participate in the opening and closing of the pharmacy
      5) Identify the inventory control systems at the site
      6) Discuss the participation and management of 3rd party payer programs.
      7) Identify state and federal licensing requirements for pharmacies
      8) Describe security systems and discuss reasons for security measures
9) Discuss and understand the role of pharmacy technicians
10) Explain the difference between brand names and their generic equivalents and how this affects inventory and operations
11) Describe the policies of selling to other stores and/or physicians' offices
12) Identify the pharmacy economic issues currently or anticipated in the pharmacy
13) Trace the inventory control activities, including ordering, checking, stocking, and physical inventory control
14) Demonstrate an understanding of the technology used in the practice of pharmacy including but not limited to order entry, dispensing and distributing medications, electronic health records, inventory control, quality assurance and drug information
15) Identify and perform required procedures for ordering, managing inventory, and filling prescriptions of controlled substances
16) Demonstrate a familiarity with new product purchasing and inventory controls
17) Discuss the procedure for the handling of manufacturer recalls of medications
18) Describe the procedure for the handling of out-of-stock or non-stocked drug orders or requests.
19) Describe specialty areas of the pharmacy, if applicable, in sufficient detail to identify the nature of the activity at the specific site

d. Medication Use Systems
   i. Medication Use Evaluation
      1) Discuss procedures for the resolution of dispensing errors.
      2) Participate in the site’s Drug Utilization Review (DUR) process
      3) Describe the procedure for reporting and documenting medication errors and adverse drug reactions and trace the steps in the ADR reporting program
      4) Become familiar with how third party formularies impact inventory at the site
      5) List the steps involved for the safe and accurate dispensing of medications at the site

e. Pharmaceutical Dispensing
   i. Dispensing and Compounding
      1) Determine correctness and completeness of a given prescription.
      2) Utilize appropriate reference materials to satisfy drug information needs to properly dispense medications
      3) Perform necessary determinations for accurate filling and/or compounding of prescriptions, including quantities to dispense, concentration determinations, and drug additive quantities
      4) Describe and participate in the proper storage, preparation, and dispensing of medications at the site

f. Public Health
   i. Health Promotion/Disease Prevention
      1) Identify patient-specific opportunities to promote health and wellness, including both drug and non-drug approaches
      2) Evaluate patients’ need for and administer appropriate immunizations and screenings
3) Provide accurate and appropriate education to patients regarding health and wellness
4) Discuss health policy initiatives that affect public health and disease prevention for large population groups

g. Professional Communications
   i. Patient Counseling and Drug Information Skills
      1) Communicate drug information and pertinent patient information to other health care professionals
      2) Provide appropriate information and advice to patients, using appropriate counseling techniques and utilizing terminology appropriate to the patient's level of understanding and confirming this understanding
      3) Provide advice/information concerning non-prescription drug use, problems and management, utilizing terminology appropriate to the patient's level of understanding
      4) Recognize and communicate to the patient the need for referral to other health care providers
      5) Display skills related to providing patient education to a diverse patient population, including demonstrating knowledge of the various resources available to assist in overcoming disabilities, language and/or cultural barriers that may be present
   ii. Communication Skills
      1) Demonstrate ability to present information in a written format that is accurate, complete, concise, and well-organized, such as in documenting information related to patient cases and preparing articles for publication
      2) Utilize appropriate and effective verbal and non-verbal communication skills in order to accomplish goals, including skills related to actively listening and probing for questions and misunderstandings

h. Professionalism and Accountability
   i. Professional Behavior
      1) Show professional behavior by:
         a) Managing time wisely
         b) Accepting responsibility
         c) Exhibiting self-motivation
         d) Completing tasks thoroughly
         e) Showing respect for others
         f) Inviting feedback
         g) Using verbal and written evaluations to improve performance
   ii. Social and Ethical Awareness
      1) Exhibit understanding of the pharmacist’s code of ethics and ability to apply it to the practice of pharmacy
      2) Recognize and respect patients’ socioeconomic, religious, cultural, moral concerns and values, and express empathy as appropriate to the situation.
3. **Required Projects**

The faculty member responsible for the student on this rotation will determine the number of projects to be completed by each individual student. Each report will be typed and presented to or discussed with the preceptor and/or faculty member. The time devoted to projects should not detract from the learning experience - projects should be prepared after assigned activities are completed or on personal time. They should not detract from your daily functions in the pharmacy as required by your preceptor. All projects must be approved by the preceptor and faculty member assigned to the student for the rotation. Please contact the faculty member and inform them of any planned projects before beginning the projects. Preceptors and faculty members will assist you in selecting worthwhile projects. The Pharmacy Practice faculty member assigned to the student on the Community Professional Experience Rotation may require the student to prepare a written assessment of activities at the site describing how these activities contributed to the fulfillment of the Behavioral Objectives for this course. This Objective Assessment should be of sufficient length, detail, and clarity so as to describe the activities which satisfy the Behavioral Objectives. Should a competency for a Behavioral Objective not be achieved, then the student should include a statement indicating reasons for not completing this objective. Any applicable Behavioral Objective not addressed during the Community Professional Experience Rotation should be discussed with the preceptor and/or assigned faculty member. Other assignments may be given to you by your faculty member or by your preceptor ad hoc.

4. **Grading and Examination**

Each student will undergo a final examination (oral/practical/written) near the end of the calendar month of the Community Professional Experience rotation. A Pharmacy Practice faculty member will administer the examination and may at his/her discretion, request a preceptor’s and or other faculty member’s assistance in evaluating the student's performance on this examination.

1. Each student will be required to complete required projects as outlined in the Required Projects section of this document. Required projects will constitute 20% of the student's final grade for the course.

2. The final examination will be scheduled by the faculty member responsible for the student on the Community Pharmacy Practice Rotation. The examination will constitute 30% of the student's final grade for the course.

3. Each student will be evaluated by the preceptor at his assigned rotation site. This assigned grade will constitute 50% of the student's final grade for the course.

The final grade will be assigned in the following manner:

1. Projects: 20%
2. Final Exam: 30%
3. Preceptor Evaluation: 50%
4. Total points possible: 100%
5. **OBRA 90 Requirements**

a. Pharmacists should discuss:

ii. The name and strength of the drug
iii. Dosing Regiment
iv. The dosage form
v. Route of administration
vi. Duration of drug therapy
vii. Special directions and precautions for administration
viii. Common side effects
ix. Self-monitoring techniques
x. Proper storage
xi. Prescription renewal
xii. Actions to be taken if a dose is missed

b. Prospective DUR requirements mandate that pharmacists must screen prescription orders and counsel patients about problems caused by:

ii. Therapeutic duplication
iii. Drug-disease contraindications
iv. Drug-drug interactions
v. Incorrect dosage
vi. Incorrect duration of treatment
vii. Drug allergy interactions
viii. Clinical over/under utilization

Pharmacists must make a reasonable effort to maintain patient medication records, recording the patient’s name, address, telephone number, date of birth, sex, disease states, known allergies, and drug reactions.