

## Advanced Pharmacy Practice Experience Health Outcomes / Managed Care Rotation

### Description:

This practice experience is designed to provide the PharmD candidate with a basic understanding of the clinical, economic, and humanistic outcomes of healthcare interventions, focusing on pharmacoeconomics and healthcare quality assessment. Didactic and practical experience in these core areas will expose the student to a variety of competencies utilized in a health outcomes research and managed markets consulting firm. The practice environment primarily involves working directly with a number of managed care organizations and top pharmaceutical companies. The student will be exposed to and directly involved with the many steps in conducting quality-focused, outcomes-based research—from proposal development to analysis and manuscript preparation.

Specific project work may include assisting with any of the following:

- Formulary dossier development
- Database research protocol development and results interpretation
- Quality improvement and disease management program participation (protocol development, data collection form development, data interpretation, report development, poster development)
- Software-based model design (model design, identification of cost drivers, selection of default values, screenshot development, model testing)
- Outcomes research presentation development (identification of literature, creation of outcomes “story” for particular products, development of slide kit)
- Proposal development (various types of projects)
- Participation in product market assessments
- Health economic outcomes research training tools (slide development, script development, literature review)

### Pre-rotation requirements for students:

Students are responsible for completing requirements set forth by their university and college of pharmacy. Please check with your school for any specific requirements due before beginning the Xcenda rotation.

Approximately 2 to 4 weeks before a student’s rotation, we will reach out to them via email for any additional paperwork and to schedule a call with their preceptor to go over information for their first rotation day and to answer any outstanding questions the student may have.

### Learning objectives:

Specific learning objectives will be developed and projects assigned according to each student’s primary areas of interest and aptitude level. Potential objectives include:

1. Distinguish between the different types of pharmacoeconomic analyses and understand the process for developing pharmacoeconomic models.
2. Understand the process of continuous quality improvement and become familiar with the steps involved in quality improvement research and disease management.
3. Understand the process for outcomes-based utilization in healthcare decision making for formulary development and other Pharmacy and Therapeutics committee issues.
4. Understand the methodologies used in developing an outcomes-based formulary or preferred drug list.
5. Understand the tools used in outcomes-based utilization decision making (research-, outcomes-, and quality-focused drug utilization evaluations and medication utilization evaluations).

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6. Find health economic-related literature from nontraditional sources (Internet sites, specific journals, databases other than Medline).
7. Identify the outcomes and cost drivers for treatment of disease states commonly encountered in managed care.

#### **Duties and responsibilities:**

1. To become more knowledgeable about the various applications of health outcomes research, pharmacoeconomics, and managed care.
2. To apply the didactic knowledge gained in the PharmD curriculum within a unique practical environment.
3. To deliver a formal presentation to the preceptor and others at the practice site. The presentation should be approximately 25 to 30 minutes in length, followed by a question-and-answer session. Visual aids should be incorporated into the presentation.

#### **Attendance/tardiness policy:**

In general, the student is expected to be in the office from 8:30am to 5:00pm Monday through Friday (students participating in a virtual rotation will be required be available online from 8:30am to 5:00pm Monday through Friday). Considering rotations are comprised of only 20 to 30 days of instruction, students are expected to be in attendance 100% of the rotation block. However, on a case-by-case basis, excused absences may be arranged with the preceptor in advance. If you require excused time off from the rotation for 3 days or more, an assessment regarding your ability to successfully complete the rotation will be made. Attendance at educational meetings may be exempt from this policy, if approved in advance by your preceptor. Two or more episodes of tardiness will be considered the same as one unexcused absence.

#### **Downtime:**

After completion of one assignment and prior to identification of a subsequent task, occasionally students may experience unanticipated periods of downtime. Please immediately contact your preceptor or co-preceptor to obtain additional assignments if you have any unassigned times available throughout the rotation. In the rare instance when no additional project assignments are available, students are expected to participate in health outcomes, pharmacoeconomic, or managed care self-study modules. Student motivation to obtain additional assignments is a key factor in the performance evaluation process.

#### **Interprofessional experience opportunities:**

The Xcenda staff is comprised of interdisciplinary staff covering a broad range of healthcare professional roles. In the course of your participation in assigned projects, you will have the opportunity to interact with many individuals with non-pharmacy backgrounds throughout your rotation. The individuals you may work with include, but are not limited to, nurses, physicians, and medical coding experts.

#### **APPE ROTATION DIRECTOR:**

Kristy Cantrell, MBA

Associate Director, Value Access Strategy

[StudentPrograms@xcenda.com](mailto:StudentPrograms@xcenda.com)

#### **Primary preceptor / Co-preceptor: TBD**

Note: Preceptors assigned to a student may be a remote Xcenda associate.

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