## Rotation Ability-Based Outcomes:

### CAPE Domain: FOUNDATIONAL KNOWLEDGE

**Domain 1.1:** Develop, integrate, and apply knowledge from the foundational sciences (i.e., pharmaceutical, social/behavioral/administrative, and clinical sciences) to evaluate the scientific literature, explain drug action, solve therapeutic problems, and advance population health and patient-centered care (learner)

- Retrieve, analyze, and interpret scientific literature to provide drug information to patients, caregivers, and other healthcare providers
- Apply the tenets of professionalism and ethical behavior.

### CAPE Domain: ESSENTIALS FOR PRACTICE AND CARE

**Domain 2.2:** Manage patient health care needs using human, financial, technological, and physical resources to optimize the safety and efficacy of medication use systems (manager)

- Comply with all legal, ethical, and professional standards
- Integrate technology, automation, and processes to improve medication use for the purposes of improving health outcomes for patients

**Domain 3.4:** Actively participate and engage as a healthcare team member by demonstrating mutual respect, understanding, and values to meet patient care needs (collaborator)

- Communicate and collaborate effectively with patients/caregivers and other healthcare professionals to engender a team approach (interprofessional education)
- Use active listening, gather input/feedback, value diverse opinions, and foster collaboration to help build consensus and enhance team functioning.
- Demonstrate professional skills, attitudes, and values and a sense of personal responsibility to patients, patient’s agents, and other health care providers.

**Domain 3.5:** Recognize social determinants of health to diminish disparities and inequities in access to quality care (includer)

**Domain 3.6:** Effectively communicate verbally and nonverbally when interacting with an individual, group, or organization (communicator, oral and written)

- Communicate assertively, persuasively, confidently, and clearly

### CAPE Domain: DEMONSTRATE PERSONAL AND PROFESSIONAL DEVELOPMENT

**Domain 4.1:** Examine and reflect on personal knowledge, skills, abilities, beliefs, biases, motivation, and emotions that could enhance or limit personal and professional growth (self-aware)

- Identify and reflect on personal knowledge, skills, abilities, beliefs, biases, motivations, and emotions
- Approach tasks with a desire to learn and demonstrate a willingness to recognize, correct, and learn from errors

**Domain 4.4:** Exhibit behaviors and values that are consistent with the trust given to the profession by patients, other healthcare providers, and society (professionalism)

- Adopt personal and professional ethical principles that place the health and safety of patients above personal gain.
- Display preparation, initiative, and accountability consistent with a commitment to excellence.
Rotation Activities:
For each skill listed below, the goal is for each Drug Information APPE student to achieve a level of competence consistent with entry into pharmacy practice.

Required Activities [Objectives]

- Conduct a systematic, efficient, and thorough search for drug information.
  - Identify the most appropriate sources of information for specific questions.
  - Differentiate among primary, secondary and tertiary sources of information.
  - Become familiar with the variety of information resources available and uses them proficiently.
  - Describe content of frequently used electronic resources, including databases and search engines.
  - Discriminate between sources of information on the WWW to assess accuracy vs unsubstantiated information.

Example activities for this objective:
Use references to answer questions, discuss/present references in small group meetings noting pros and cons of each, work through sample drug information questions using core references

- Retrieve, analyze and interpret scientific literature to provide drug information to patients, caregivers, or health care providers.
  - Use an interview strategy to elicit maximum amount of pertinent information to process a request for drug information.
  - Use the systematic approach to clarify questions, conduct an appropriate search, interpret the literature, and apply the information to the situation.

Example activities for this objective:
Handle requests for drug information by phone, email, live, or for preceptor such that it requires using the systematic approach and communicating a response.
Condense large documents into the key points, developing the skill of identifying key information necessary to communicate.

- Critically evaluate the literature and drug information resources on a given topic and accurately summarize the information in a written form.
  - Provide an accurate and complete written summary of the available literature on a given topic.
  - Ensure written documents are well organized, free of grammar and spelling errors, and written at an appropriate level.
  - Ensure written documents are appropriately referenced back to the original source of information.

Example activities for this objective:
Assess and evaluate primary literature for written projects, defend a position in a written document based on literature analysis and assessment (ie, P&T review, drug monograph, product assessment, keeping-up article in F&C)
Participate in other written projects such as newsletters or written responses for requests for information.
☐ Communicate accurate and unbiased medication-use information verbally.
  • Provide accurate, concise, and well-documented oral responses to drug information requests.

Example activities for this objective:

Communicate logically at a level appropriate to the audience, effectively communicate in a small group, such as journal club or meeting presentations, give a formal or informal oral presentation on a given topic, conduct a journal club critique stating how the data from the study applies to practice.

☐ Understand the ethics, liabilities, and professionalism required in the provision of drug information.

Example activities for this objective:

Discuss ethical and liability issues as they arise in daily practice, discuss conflict of interest and how it integrates into practice, attend pharmaceutical representative meetings, ensure professional behavior at all times, with feedback given when students fall short of expectations.

☐ Demonstrate an acceptable level of independence and professional maturity.

Example activities for this objective:

Participate fully in clerkship activities, proactively identify and engage in learning opportunities, maintain professional image, behave reliably and responsibly with rotation responsibilities.