

URI College of Pharmacy
2006 Student Learning Outcomes

Concept: Critical Thinking and Problem Solving

Outcome #1: Methodically identify, describe, analyze and solve pharmacy-related problems.

Performance Criteria (characteristics, skills, knowledge, attitudes and/or values the student will exhibit)--- these will help in mapping course objectives):

- 1) Recognize a problem
- 2) Analyze a problem
- 3) Find and evaluate potential solutions
- 4) Choose optimal solution
- 5) Evaluate outcome

Concept: Interpersonal / Collaboration Skills

Outcome #2: Function effectively in groups to accomplish objectives.

Performance Criteria:

- 1) Participate effectively and work cooperatively
- 2) Recognize, respect, and encourage diverse views
- 3) Recognize and manage conflict
- 4) Lead as the need arises to accomplish the group's objectives
- 5) Evaluate and motivate others to improve performance as necessary

Concept: Knowledge

Outcome #3: Demonstrate the body of knowledge that encompasses the profession of pharmacy.

Performance Criteria:

- 1) Demonstrate appropriate depth and breadth of knowledge in the basic, biomedical, pharmaceutical, social and administrative, and clinical sciences.*
- 2) Demonstrate mastery of integration of basic, biomedical, pharmaceutical, social and administrative, and clinical sciences.
- 3) Demonstrate application of knowledge in the resolution of pharmacy-related problems
- 4) Contribute to the development of knowledge

* Specific Example: Utilize understanding of drug and receptor structure-activity relationships, mechanisms of action, pharmacokinetic profiles, adverse effects, interactions, contraindications and formation characteristics for various drugs to guide judgments in relations to drug selection, dosing, timing, and patient education.

Concept: Self-Directed Learning

Outcome #4: Demonstrate responsibility for own learning and professional competence.

Performance Criteria:

- 1) Independently acquire new knowledge and skills
- 2) Evaluate new information critically.
- 3) Incorporate new knowledge and recommendations into the practice of pharmacy
- 4) Develop and enhance skills to contribute to the development of new knowledge

Concept: Literature Skills and Drug Information

Outcome #5: Demonstrate a rational and systematic process to comprehensively access and evaluate pharmacy-related information

Performance Criteria:

- 1) Develop and document a rational and systematic search strategy to retrieve information
- 2) Comprehend benefits and limitations of different forms of literature
- 3) Critically evaluate basic science and clinical information with respect to appropriateness and validity of the evidence and implications of the major findings for the practice of pharmacy
- 4) Apply critically evaluated information to formulate and appropriate response

Concept: Professionalism and Ethics

Outcome #6: Demonstrate professional and ethical behavior throughout the pharmacy curriculum.

Performance Criteria:

- 1) Recognize that patient care is a primary responsibility of the pharmacist
- 2) Articulate ethical principles relevant to pharmacy practice
- 3) Maintain honesty, confidentiality, sensitivity and tolerance in educational and professional interactions
- 4) Provide compassionate patient care in a professional manner
- 5) Interact in a respectful manner in all educational and professional settings
- 6) Assume personal responsibility for promoting professionalism in pharmacy

Concept: Leadership

Outcome #7: Demonstrate leadership in professional and community activities and organizations.

Performance Criteria:

- 1) Develop and promote activities to help individuals and to improve the community at large

- 2) Develop, recognize and apply leadership skills
- 3) Encourage leadership in others

Concept: *Population-based practice: Policy development and public health*

Outcome #8: Actively promote public health

Performance Criteria:

- 1) Educate the public in health promotion and disease prevention
- 2) Identify the special needs and barriers to care of at-risk populations
- 3) Demonstrate an understanding of the process for developing health policy
- 4) Advocate for public health policy

Concept: *Communication*

Outcome #9: Communicate effectively to diverse audiences

Performance Criteria:

- 1) Effectively communicate with health professionals, patients, their care-givers and the general public
- 2) Demonstrate the use of technology to communicate effectively
- 3) Write effectively in a style appropriate for clinical, scientific and administrative audiences and the general public

Concept: *Collaborative Patient Care*

Outcome #10 : Provide patient-centered care

Performance Criteria:

- 1) Gather and assess appropriate patient-related information
- 2) Apply knowledge of drugs and diseases to develop a patient-centered care plan
 - 2a. Apply knowledge of physiology, pathophysiology, and disease characteristics to the development of a patient-centered care plan
 - 2b. Apply knowledge of the medicinal chemistry, pharmacology, toxicology, pharmacokinetics, pharmaceuticals, and therapeutics of drugs to the development of a patient-centered care plan
- 3) Design an evidence-based, patient-centered care plan, respecting patient health care beliefs and preferences
- 4) Implement a care plan in a manner that promotes a patient's autonomy.
- 5) Evaluate effectiveness of patient-centered care plan and adjust to promote adherence and to ensure appropriate outcomes
- 6) Document and communicate patient-centered care plans to other health care providers
- 7) Critically evaluate, prepare and dispense prescriptions in inpatient and outpatient settings to ensure optimal patient outcomes.

Outcome #11: Provide population-based care

Performance Criteria:

- 1) Demonstrate competency in evaluating and applying pharmacoepidemiologic and pharmaco-economic information
- 2) Perform a medication use evaluation in a simulated or patient care setting
- 3) Create a population-specific evidence-based strategy for the optimal use of pharmacotherapy

Concept: Practice and Resource Management

Outcome #12: Effective Pharmacy Practice and Resource Management

Performance Criteria:

- 1) Demonstrate appropriate and cost effective use of resources to optimize operational functions
- 2) Demonstrate appropriate and cost effective use of resources to optimize therapeutic outcomes
- 3) Manage a successful patient-centered practice