

PHA5956 Decision-Making in Managed Care Pharmacy

Spring Semester 2020-2021

1 Credit Hour – [Pass/Fail Grading]

This elective course teaches key components of evaluating and applying evidence to decision-making in managed care pharmacy settings through project-based experiences. Students will apply critical thinking skills in a self-directed, team-based learning environment. The student will gain knowledge to advanced concepts in managed care pharmacy through directed journal clubs and lectures.

Teaching Partnership Leader

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Assistant Professor

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Office hours: Please see the Canvas course site for posted office hours.

Questions to Ask:

- Concerns about performance
- Guidance when there are performance problems (failing grades)
- General questions about content

Entrustable Professional Activities

This course will prepare you to perform the following activities which the public entrusts a Pharmacist to perform:

EPA 6 Collaborate as a member of an interprofessional team.

EPA 8 Population Health Promoter Domain

EPA 11 Information Master Domain

Course-Level Objectives

Upon completion of this course, the student will be able to:

- Evaluate and critique scientific literature related to managed care pharmacy, health economics, pharmacoconomics, and outcomes research;
- Apply evidence to a managed care population and business setting;
- Develop evidence summaries for use in managed care organizations;
- Translate scientific studies into pharmacy benefit structure and population health
- Communicate decisions to stakeholders in a managed care organization

Course Prerequisites

Completion of 1PD curriculum.

Course Co-requisites

- None

Course Outline

Please see Appendix A for course schedule. Routinely check your campus calendar and the Canvas course site for any messages about changes in the schedule including meeting dates/times, deadlines, and room changes.

Requirements and Assignments:

Pharmacy & Therapeutics (P&T) Mock Competition: Students will work in groups of 4 to develop a 25-minute comprehensive presentation on an individual therapeutic and therapeutic area. The P&T Competition goal is to present sufficient evidence and a recommendation by completing the following assignments. In addition, student knowledge will be complemented with advanced lecture topics in managed care pharmacy and journal club activities using articles from the leading subject journal, *Journal of Managed Care & Specialty Pharmacy (JMCP)*.

1. P&T Workgroups Activities
 - a. Workgroups will consist of 4 members
 - b. Students will self-select their preferred workgroup
 - c. Workgroups will utilize released P&T documents from the prior year's AMCP P&T competition
 - d. Tasks and objectives include:
 - i. Reviewing current formulary placement of therapeutic
 - ii. Providing an overview of the pharmacology, therapeutic class, indication, and guidelines
 - iii. Evaluating and synthesizing clinical evidence
 - iv. Evaluating and synthesizing budget impact and cost-effectiveness data
 - v. Making a final recommendation
2. Group Final Presentation Project: The final presentation is a 25-minute presentation with 15 minutes question/answer period from 4 judges.
 - i. A group and self-evaluation will be required
3. Individual Assignments include Journal Club and lectures with content and attained knowledge directly or indirectly related to P&T competition assignments.
 - a. Journal Club
 - i. Read *JMCP* articles
 - ii. Participate in Journal Club
 - iii. Provide a one-page written critique after Journal Club
 - b. Lecture attendance and self-reflection
 - c. Post-course self-reflection

Required Textbooks/Readings

Monthly *JMCP* articles identified by the Editor-In-Chief and co-instructor, Dr. Laura Happe

Suggested Textbooks/Readings

Articles

- Use UF VPN to access UF Libraries Resources when off-campus.
- The UF HSC library staff can assist you with questions or issues related to accessing online library materials. For assistance contact your College of Pharmacy librarian or visit the HSC Library Website at this URL: <http://www.library.health.ufl.edu/>

Other Required Learning Resources

- Zoom
- Canvas

Materials & Supplies Fees

None

Student Evaluation & Grading

Passing grade will be based on passing each of the below activities. Attendance is mandatory for each block meeting and oral presentation.

Assessment Item	Pass criteria
Journal Club Critiques (Appendix B)	Score of ≥ 68 of 96 total points combined across 4 journal clubs
Group Presentation (Appendix C)	Score of ≥ 44 of 63 points assigned to the whole group performance
Post-Lecture Self-Reflections (Appendix D)	Completed and submitted within 1-week after each lecture
CATME Peer and self-evaluations (Appendix E)	Must complete peer evaluations for each group member and self-reflections within 1-week after group presentations
Post-course self-reflection (Appendix F)	Completed and submitted with 2-weeks after group presentations

Pharm.D. Course Policies

The Policies in the following link apply to this course. Review the Pharm.D. Course Policies carefully, at this URL: <http://curriculum.pharmacy.ufl.edu/current-students/course-policies/>

Course Specific Policies: Students are expected to attend all group meetings, lectures, and journal clubs. Journal clubs and lectures will be recorded for missed attendance and for self-study for all enrolled students. Groups will self-coordinate group meetings and tasks for the mock competition. A mid-point evaluation and review of group progress will be conducted during early March with the course coordinator.

Note: A student can participate in the P&T competition and not be enrolled in this course.

Students enrolled in this course will not receive co-curricular credit for the activities completed in this course.

Course Evaluation Process: Students are expected to provide feedback on the quality of instruction in this course by completing online evaluations at <https://evaluations.ufl.edu>. Evaluations are typically open during the last two or three weeks of the semester, but students will be given specific times when they are open. Summary results of these assessments are available to students at <https://evaluations.ufl.edu/results/> COPYRIGHT © 2019 UNIVERSITY of FLORIDA

Students are expected to evaluate their group throughout the course to ensure positive and effective teamwork.

Instructional Designer:

Educational Coordinators:

Questions about dates, deadlines, meeting place

- Issues related to course policies (absences, make up exams, missed attendance)
- Absence/tardy requests (Only the Academic Coordinator handles absence requests)
- Availability of handouts and other course materials
- Assignment directions
- Questions about grade entries in gradebook (missing grades, incorrect grade)

How to Request Learning Accommodations

Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565, www.dso.ufl.edu/drc/) by providing appropriate documentation. Once registered with the Disability Resource Center, students will receive an accommodation letter which must be presented to both the instructor and academic coordinator to utilize classroom accommodations. Students registered with the Disability Resource Center

who are requesting clinical accommodations for rotations or clinical experiences should contact their Learning Specialist in the Disability Resource Center. Students with disabilities should follow this procedure as early as possible in the semester. Additionally, students at all College of Pharmacy campuses are expected to provide a copy of the accommodation letter of the Office of Student Affairs by email (carswell@cop.ufl.edu), fax (352-273-6219) or in person at G235 (Student Services Suite) of the Health Professions, Nursing and Pharmacy Building since some learning activities, exams, and assessments require additional assistance. The College of Pharmacy highly encourages that this procedure be completed before each course begins. Being proactive in this process will ensure that accommodations are in place for each student's learning activities, exams, and assessments because grades cannot be retroactively changed.

Computer and Other Technology Requirements Students are required to meet the following computer and technology requirements: <http://pharmacy.ufl.edu/education/student-affairs/admissions/student-computer-requirements>

Appendix A. Course Schedule

Date	Activity Title	Contact Hrs	Responsible
Jan (TBA)	AMCP P&T Competition Presentations (optional)	0 hr	Brown, team captains
Jan 29, 12:50-1:50	<i>JMCP</i> Journal Club and written article critique	1 hr	Brown
Feb 19, 12:50-1:50	<i>JMCP</i> Journal Club and written article critique	1 hr	Brown
March 19, 12:50-1:50	<i>JMCP</i> Journal Club and written article critique	1 hr	Brown
Jan-April	Group Work	0 hr	Brown
April 9, 12:50-1:50	<i>JMCP</i> Journal Club and written article critique	1 hr	Brown
April 22, 9:00-10:00am	Active learning session: Principles for Sound Pharmacy and Therapeutics Committee Practices	1 hr	Happe
April 23, 9:00-10:00am	Active learning session: Managed Care Considerations in Specialty Pharmacy	1 hr	Taddei-Allen
April 27, 9:00-10:00am	Active learning session: Formulary Design and Utilization Management Strategies	1 hr	Roane
April 28, 9:00-10:00am	Active learning session: Value Assessment Frameworks and Innovative Contracting Practices	1 hr	Brown
May 3 (8-10am) 3 (12-2pm) 4 (8-10am) 4 (12-2pm)	Group presentations (required)	8 hr	Brown

Students are required to log time spent on group presentation development to document effort.

Appendix B: Rubric for journal club written critique.

General Overview & Background				
Introduction <ul style="list-style-type: none"> • Authors' affiliation/study support • Study objective(s) and rationale • Quality of journal • Provided background information relevant to the study 	Accurately and completely reported ALL of the relevant intro components (2 points)	Accurately and completely reported MOST of the relevant intro components (1 point)	Did not accurately and completely report MOST of the relevant intro components (0 points)	___/2
Methods				
Methods- Design <ul style="list-style-type: none"> • Case-control, cohort, controlled exp, etc. • Type of Design (cross-over, parallel, etc.) • Type of assignment use • Blinding Methods- Patients/Subjects <ul style="list-style-type: none"> • How enrolled/from where?/trial location • Inclusion/exclusion criteria • # enrolled per group 	Accurately and completely reported ALL of the relevant study design and patient/subject components (2 points)	Accurately and completely reported MOST of the relevant study design and patient/subject components (1 point)	Did not accurately and completely report MOST of the relevant study design and patient/subject components (0 point)	___/2
Methods- Treatment Regimens <ul style="list-style-type: none"> • Treatments used • Dosages/administration • Therapy duration Methods- Outcome Measures <ul style="list-style-type: none"> • Primary Measure • Secondary Measures Methods- Data Handling <ul style="list-style-type: none"> • Intention to Treat, per protocol, etc. • # lost to follow up • Reasons for dropouts Methods- Statistics <ul style="list-style-type: none"> • Tests Used • Power of study 	Accurately and completely reported ALL of the relevant treatment regimens, outcome measures, data handling and statistics components (4 points)	Accurately and completely reported MOST of the relevant treatment regimens, outcome measures, data handling and statistics components (3 point)	Did not accurately and completely report MOST of the relevant treatment regimens, outcome, data handling and statistics components (1 points)	___/4
Results				
Results <ul style="list-style-type: none"> • Results for primary outcome measure • Summarizes secondary outcome measures • Confidence intervals • P-values • Compliance 	Accurately and completely reported ALL of the relevant results and conclusion components (2 points)	Accurately and completely reported MOST of the relevant results and conclusion components (1 point)	Did not accurately and completely report MOST of the results and conclusion components (0 points)	___/2

<ul style="list-style-type: none"> • Adverse events 					
<ul style="list-style-type: none"> • Authors' conclusion(s) 					
Authors' Conclusions					
Clear, Concise Conclusion Stated	Authors' conclusions were accurately summarized (2 points)	Authors' conclusions partly summarized (1 points)	Failed to give conclusion OR conclusion completely inaccurate (0 points)	___/	2
Critique					
List strengths and limitations of study	Multiple strengths and limitations of the study (3 points)	Strengths and limitations of the study addressed, but did not emphasize the most significant strengths or limitations (2 points)	Strengths and limitations of the study not addressed (0 points)	___/	
Conclusion/Clinical Application					
Team recommends how study and results should change current managed care pharmacy practice Example of questions to address include: Will this change a company's formulary?	Team appropriately recommends how study will change practice and provides thorough explanation of why or why not (3 points)	Team recommends how study will change practice but doesn't thoroughly explain why or why not (2 points)	Team does not discuss how the study results will change their practice nor provide an appropriate recommendation for change in practice (0 points)	___/	3
Writing Skills					
Writing style and grammar	Writing clearly, easy to understand, very few distractors, few to no misspellings, appropriate use of acronyms(3 points)	Difficult to understand critique comments, more than a few grammar, style, or spelling concerns (2 points)	Difficult to follow critiques or non made, extensive writing errors (1 points)	___/	3
Writing length	1-2 pages (3 points)		<1 page or exceeds 2 pages (1 points)	___/	3
Total Score					___/ 24 pts

Appendix C: See attached rubric for assessing P&T mock competition presentations.

Appendix D: Self-reflection after lectures (required; Pass/Fail)

- List 2-3 items I learned from this experience.
- List 2-3 things you found challenging.
- How interested are you in learning more about this topic?
- 1-page maximum length

Appendix E. CATME Peer Evaluation (original 5 domains) will be used to assess group performance (Required; Pass/Fail). The first assessment will be made at approximately the mid-point (early March) and team progress will be discussed with the course coordinator at this time.

Appendix F. Post-course self-reflection. Provide a 1-2 page post-course/group work self-reflection on: 1) why you took this course; 2) how the course and the P&T competition has impacted your knowledge and interest in managed care pharmacy; 3) how this course and the P&T competition may have impacted your plans for a future career in managed care pharmacy (Required; Pass/Fail).