

## NEW COURSE FORM

<b>1. General Information.</b>				
a.	Submitted by the College of: Pharmacy	Today's Date:	1/4/11	
b.	Department/Division: Pharmacy Practice & Science			
c.	Contact person name: Tamela Harper	Email: tjharp00@email.uky.edu	Phone:	7-9384
d.	Requested Effective Date: <input checked="" type="checkbox"/> Semester following approval OR <input type="checkbox"/> Specific Term/Year <sup>1</sup> : _____			
<b>2. Designation and Description of Proposed Course.</b>				
a.	Prefix and Number: PPS 750			
b.	Full Title: Pharmaceutical Outcomes & Policy Journal Club			
c.	Transcript Title (if full title is more than 40 characters): POP Journal Club			
d.	To be Cross-Listed <sup>2</sup> with (Prefix and Number): N/A			
e.	Courses must be described by <u>at least one</u> of the meeting patterns below. Include number of actual contact hours <sup>3</sup> for each meeting pattern type.			
	15 Lecture	_____ Laboratory <sup>1</sup>	_____ Recitation	_____ Discussion
	_____ Clinical	_____ Colloquium	_____ Practicum	_____ Research
	_____ Seminar	_____ Studio	_____ Other – Please explain: _____	
f.	Identify a grading system: <input checked="" type="checkbox"/> Letter (A, B, C, etc.) <input type="checkbox"/> Pass/Fail			
g.	Number of credits: 1			
h.	Is this course repeatable for additional credit?			YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
	If YES:	Maximum number of credit hours:	12	
	If YES:	Will this course allow multiple registrations during the same semester?	YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
i.	Course Description for Bulletin:	Pharmaceutical Outcomes and Policy journal club is a weekly meeting scheduled for scholarly discussion and presentation of journal articles and relevant topics (new methodologies, current pharmaceutical policy drugs issues, etc.) pertaining to the fields of pharmaceutical policy and pharmaceutical outcomes.		
j.	Prerequisites, if any: N/A			
k.	Will this course also be offered through Distance Learning?			YES <sup>4</sup> <input type="checkbox"/> NO <input checked="" type="checkbox"/>
l.	Supplementary teaching component, if any: <input type="checkbox"/> Community-Based Experience <input type="checkbox"/> Service Learning <input type="checkbox"/> Both			
<b>3.</b>	<b>Will this course be taught off campus?</b>			YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
<b>4. Frequency of Course Offering.</b>				

<sup>1</sup> Courses are typically made effective for the semester following approval. No course will be made effective until all approvals are received.

<sup>2</sup> The chair of the cross-listing department must sign off on the Signature Routing Log.

<sup>3</sup> In general, undergraduate courses are developed on the principle that one semester hour of credit represents one hour of classroom meeting per week for a semester, exclusive of any laboratory meeting. Laboratory meeting, generally, represents at least two hours per week for a semester for one credit hour. (from SR 5.2.1)

<sup>4</sup> You must *also* submit the Distance Learning Form in order for the proposed course to be considered for DL delivery.

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<b>a.</b>	Course will be offered (check all that apply):	<input checked="" type="checkbox"/> Fall	<input checked="" type="checkbox"/> Spring	<input checked="" type="checkbox"/> Summer
<b>b.</b>	Will the course be offered every year?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	
	If NO, explain: _____			
<b>5.</b>	<b>Are facilities and personnel necessary for the proposed new course available?</b>	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	
	If NO, explain: _____			
<b>6.</b>	<b>What enrollment (per section per semester) may reasonably be expected?</b>	15		
<b>7.</b>	<b>Anticipated Student Demand.</b>			
<b>a.</b>	Will this course serve students primarily within the degree program?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	
<b>b.</b>	Will it be of interest to a significant number of students outside the degree pgm?	YES <input checked="" type="checkbox"/>	NO <input type="checkbox"/>	
	If YES, explain: _____	It may be of interest to students in public health or public policy programs.		
<b>8.</b>	<b>Check the category most applicable to this course:</b>			
	<input checked="" type="checkbox"/> Traditional – Offered in Corresponding Departments at Universities Elsewhere			
	<input type="checkbox"/> Relatively New – Now Being Widely Established			
	<input type="checkbox"/> Not Yet Found in Many (or Any) Other Universities			
<b>9.</b>	<b>Course Relationship to Program(s).</b>			
<b>a.</b>	Is this course part of a proposed new program?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
	If YES, name the proposed new program: _____			
<b>b.</b>	Will this course be a new requirement <sup>5</sup> for ANY program?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
	If YES <sup>5</sup> , list affected programs: _____			
<b>10.</b>	<b>Information to be Placed on Syllabus.</b>			
<b>a.</b>	Is the course 400G or 500?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>	
	If YES, the <i>differentiation for undergraduate and graduate students must be included</i> in the information required in <b>10.b</b> . You must include: (i) identification of additional assignments by the graduate students; and/or (ii) establishment of different grading criteria in the course for graduate students. (See SR 3.1.4.)			
<b>b.</b>	<input type="checkbox"/> The syllabus, including course description, student learning outcomes, and grading policies (and 400G-/500-level grading differentiation if applicable, from <b>10.a</b> above) are attached.			

<sup>5</sup> In order to change a program, a program change form must also be submitted.

# NEW COURSE FORM

## Signature Routing Log

**General Information:**

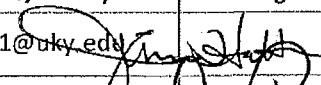
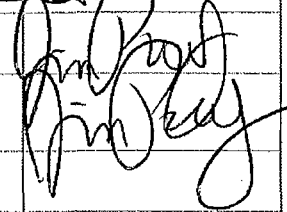
Course Prefix and Number: PPS 750

Proposal Contact Person Name: Tamela Harper Phone: 7-9384 Email: tjharp00@email.uky.edu

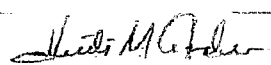
**INSTRUCTIONS:**

Identify the groups or individuals reviewing the proposal; note the date of approval; offer a contact person for each entry; and obtain signature of person authorized to report approval.

**Internal College Approvals and Course Cross-listing Approvals:**

Reviewing Group	Date Approved	Contact Person (name/phone/email)	Signature
Department Faculty	2/2/11	Jimmi Hatton / 3-0268 / jhatt1@uky.edu	
College Graduate Faculty	3/17/11	Jim Pauly / 3-8164 / jim.pauly@uky.edu	
Graduate Program Committee	3/17/11	Jim Pauly / 3-8164 / jim.pauly@uky.edu	
		/ /	
		/ /	

**External-to-College Approvals:**

Council	Date Approved	Signature	Approval of Revision <sup>6</sup>
Undergraduate Council			
Graduate Council			
Health Care Colleges Council	5/17/11		
Senate Council Approval		University Senate Approval	

Comments:

<sup>6</sup> Councils use this space to indicate approval of revisions made subsequent to that council's approval, if deemed necessary by the revising council.

**PPS 750-001: Pharmaceutical Outcomes and Policy Journal Club**  
**College of Pharmacy, Spring Semester**  
**BPC 287, Tuesdays 1:00-2:00 pm**

Coordinator: Kenneth B. Roberts  
Pharmacy Practice and Science  
BPC Building, Room 251; Phone: 323-7148  
[krobe2@uky.edu](mailto:krobe2@uky.edu) (email is preferred method of contact)  
Office Hours: Tuesday 10:00 – Noon and by appointment

### **Overview**

Pharmaceutical Outcomes and Policy journal club is a weekly meeting scheduled for scholarly discussion and presentation of journal articles and relevant topics (new methodologies, current pharmaceutical policy drugs issues, etc.) pertaining to the fields of pharmaceutical policy and pharmaceutical outcomes. Recently published as well as classic theoretical and empirical literature within the areas of pharmaceutical outcomes and pharmaceutical/health policy will be discussed.

In addition to students enrolled in the course, professional students, other post-graduate students, faculty and staff may also occasionally attend.

One person will lead the discussion at each class meeting. Presenters primarily include students in the course and faculty in the pharmaceutical outcomes and policy group; others may also occasionally lead the discussions. All attendees who are not serving in the role of discussion-leader should read the paper(s) prior to the scheduled meeting time and actively participate in the discussion.

Enrolled students will lead the discussion at least once during the semester. Grades for enrolled students will be based on the quality of their presentations and participation throughout the semester. Please see the how-to guide listed below for tips on leading a journal club presentation.

### **Course Objectives**

1. Review recent and classic literature in the areas of pharmaceutical policy and pharmaceutical outcomes
2. Understand and describe the theoretical and/or scientific context and rationale for a given study
3. Develop critical appraisal skills for evaluating pharmaceutical outcomes and policy literature
4. Lead and engage in a constructive discussion about classic and contemporary literature in pharmaceutical outcomes and policy
5. Submit a written critique of the article presented.

### **Course Assignments**

Each participant should:

- read each week's readings *prior to* the weekly meeting time;
- participate actively in discussions;
- lead the discussion at least once during the semester
- discussion leaders should forward the citation and/or a pdf of the paper they will present to the course coordinator at least one week before their scheduled presentation so that all participants have ample time to prepare for the discussion.

Journal Clubs - A How-To Guide (Smith KM)

<http://pharmacy.mc.uky.edu/programs/pharmd/journal.php>

## Evaluation Criteria

### **I. The Journal**

Discuss the journal.

Peer review

Affiliation with a professional society or organization

Can authors pay to have their studies published in the journal? Check the Information for Authors section.

Impact factor - Journal Citation Reports

### **II. The Article**

Discuss general aspects of the article.

#### **A. General Comments**

Author expertise and qualifications

Financial support - independent vs. industry

Other conflicts of interest

#### **B. Title**

Descriptive

Reflects

objectives

Imply unsubstantiated conclusions

#### **C. Abstract**

Intelligible

Objectives, methods, results, conclusions -not just favorable findings

#### **D. Introduction**

Discuss the background, study rationale, purpose and objectives

#### **Study rationale**

Logical

Sufficient detail on study background

#### **Study purpose and objectives**

Clear

Unbiased

Logical

#### **E. Methods**

Discuss the study methods, step-by-step (as written in the article)

##### **1. Methods**

Logical

Sufficient detail, or are you left guessing?

Contemporary or outdated methods

References to standard methods, or Description of modified methods, if applicable

## **2. Patient selection methods**

Inclusion and exclusion criteria - logical, all-inclusive

## **3. Study design**

Supports objectives

Study location - single center vs. multicenter

Appropriate controls used

Placebo

Gold-standard treatment

Blinding (e.g., placebo)

Single dummy vs.

double dummy

Randomization

procedure used

Washout, if

necessary

Appropriate doses and duration of therapy

Sufficient follow-up

Adherence assessment (e.g., pill counts, diaries, blood levels)

Methods to assess adverse reactions

Was the study ethical?

What were the study endpoints or outcomes?

## **F. Statistical Tests**

Discuss the statistical methods used

What was sample size?

How determined - what change or difference (%) were they looking for?

What was the study power?

What statistical tests were used? Were they appropriate?

## **G. Results**

Discuss the study results

Review the patient demographics

Did they enroll the desired types of patients according to inclusion/exclusion criteria?

Are the patients representative of the population you may be treating (e.g., can you extrapolate these results to your patients?)?

Patient withdrawal description

Adverse effect on sample size

Intention to treat

Describe all results listed

Are all the study measurements

reported? Logical, unbiased

interpretations

Check graphic representations closely

Adverse reactions

Relevance of data

## **H. Discussion**

Objectives met; If not, why?

Results put in perspective to available information  
References to unpublished work  
Speculation; adequate data interpretation  
Conclusions supported by data  
Do authors try to extrapolate results to other populations?  
Study limitations should be discussed

### **I. Bibliography**

Referencing key information  
Overzealous references to author publications  
Primary vs. tertiary literature

### **J. Applications**

Impact on practice, and your practice specifically  
Clinical vs. statistical significance  
Health care economic vs. patient care

## **Class Participation and Absences**

A successful journal club depends on active discussion by all attendees each week. Students enrolled for class credit are expected to **participate** in each session. Faculty in attendance will evaluate student **participation in every session**. **Participation** will be evaluated on a scale from none, vague to valid. **Excused absences** will be allowed for university approved reasons. **Participation** contributes 70% of the earned grade.

## **Presentation**

Student presenters will be evaluated by faculty in attendance based upon the following items associated with the presentation:

- A. Presentation organization
- B. General aspects of the article
- C. Title & Abstract
- D. Introduction
  - 1. Study rationale
  - 2. Study purpose and objectives
  - 3. Methods
  - 4. Statistical tests
  - 5. Results
  - 6. Discussion
  - 7. Bibliography
- E. Applications

## **Grading**

Grades will be assigned as follows:

Leading discussion(s): 30%

Participation: 70%

Final scores: above 90% = A

above 80% = B

below 80% = C or

below 70% = E

## **Course Policies**

### **Academic integrity, cheating, and plagiarism**

Ethical behavior is expected of all students in the course. Each student in the class is expected to adhere to the highest standards of academic honesty. Cheating, plagiarism, and destruction of course materials violate the rules of the University and the ethical standards of professional behavior. Violations of the university's rules regarding academic honesty can lead to a failing grade in the course and expulsion from the University. Instances of academic dishonesty will be reported to appropriate University officials as required by University rules and procedures. University of Kentucky Code of Student Rights and Responsibilities defines academic offenses and details procedures for dealing with them. The Code can be viewed electronically on the University's web site:

<http://www.uky.edu/StudentAffairs/Code/part1.html>.

All students are expected to be familiar with the content of the Code of Student Rights and Responsibilities. All decisions regarding excused and unexcused attendance of any kind shall be at the final discretion of the course coordinator.

If you have a documented disability that requires academic accommodations, please see me as soon as possible during scheduled office hours. In order to receive accommodations in this course, you must provide me with a Letter of Accommodation from the Disability Resource Center (Room 2, Alumni Gym, 257-2754, email address [jkarnes@email.uky.edu](mailto:jkarnes@email.uky.edu)) for coordination of campus disability services available to students with disabilities).

**Classroom Behavior** should be in compliance with the student code of conduct. Full details can be viewed at: <http://www.uky.edu/StudentAffairs/Code/part1.html>. Consistent with this policy, student behavior that detracts from the educational environment will not be tolerated. Examples of inappropriate behaviors include engaging in disrespectful debate, holding disruptive discussions with fellow classmates, reading newspapers or playing electronic games during class, receiving phone calls in the classroom, or sleeping. Disruptive students will be asked to leave the classroom and will receive a zero for participation points that day.



### **Cell Phone Policy**

Generally cell phone use is not permitted in class for any reason. All cell phones must be placed in the "off" position during class. If there is a situation where a student might need to be notified during a class period, please alert the instructor to this potential and carefully monitor your phone.

### **Student preparedness, group work and collaboration**

Except in those instances where students are explicitly instructed to submit work done as a group, students are expected to work and submit material individually. Cheating and plagiarism will not be tolerated in this course. It is the expectation of the instructor of this course that students will not cheat, plagiarize, or attempt to gain unfair advantage, and will report any incident(s) to appropriate faculty if they become aware of such activity. When working with a group or collaborative effort, equal participation is expected of each member. Each group assignment will require an attestation of each group member's contributions to the group work attached to the returned document.

### **Attendance**

Regular and timely class attendance is critical to success in this course. The course coordinator without prior notice of any kind will monitor attendance. Students with excused absences defined by the University Senate section 5.2.4.2 <http://www.uky.edu/StudentAffairs/Code/part2.html> will not be penalized for the missed coursework but may be required to complete missed activities. All absences must be **directly** reported to and approved by the course coordinator. The right to request appropriate verification is reserved. Unexcused absences will directly affect the final grade for this course. In the event of an unanticipated University closing all classes will be cancelled and the coursework made up during the remaining time in the semester.

Missed assessments of any kind without notification or in the light of an unexcused absence will be graded as zero. In all cases, it is the responsibility of the student to procure any missed work including handouts. Students should not expect to be provided a handout if they are not in class.

### **Verification of Absence**

Students missing work due to an excused absence bear the responsibility of informing the instructor about their excused absence within one week following the period of the excused absence (except where prior notification is required), and of making up the missed work. The instructor shall give the student an opportunity to make up the work and/or the exams missed due to an excused absence, and shall do so, if feasible, during the semester in which the absence occurred.

### **Make-up Work Policy**

Make-up work will be allowed only in the event of an excused absence as defined by University Senate section 5.2.4.2. All work must be made-up within one class period after returning to school. A grade of zero will be placed on all work missed or not completed within the specified time frame.

*Assignments Graded Incorrectly*

All assignments will be evaluated and returned. Any assignment graded incorrectly must be brought to the course director within one calendar week of the assignment being returned. One calendar week after returned, all grades become final and no corrections will be made.

**Course Outline/Schedule**

<b>Date</b>	<b>Paper / Topic</b>	<b>Discussion Leader</b>
	Introduction and dissemination of syllabus and schedule. Provide example on how to lead a discussion and evaluation criteria.	K. Roberts PhD