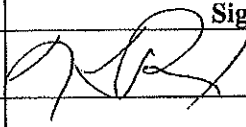
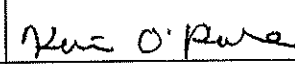
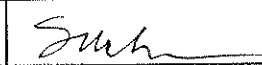
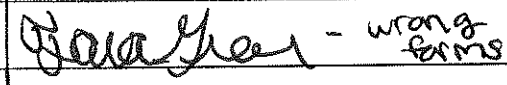


New certificate
Pharmaco epidemiology

**College of Public Health
Curriculum Approval Tracking Form**

Item	Type		Delivery		
	New	Revised	Online	Blended	Live
Course					
Concentration					
Certificate	x			x	
Program/Degree					

Date	Action	Signature
8-28-17	Approved by Associate Dean of Academics	
8-28-17	Approved by Chair of Department Curriculum Committee	
8-28-17	Approved by Chair of Department	
11/2/17	Approved by Chair of COPH Curriculum Committee	
11/13/17	Sent to USF Graduate Studies Curriculum Committee	 - wrong forms
	Sent revision	

Comments: _____ This is for the submission of the Certificate in Pharmacoepidemiology. _____

Curriculum Committee will not act on any proposal without this form attached. The COPH Academic and Student Affairs team will make the appropriate copies and electronically deliver the documents to USF Graduate Studies. At that time the documents will be entered into Share Point and tracked electronically.



Graduate Curriculum Approval Form New Graduate Certificate Proposal

Name of Graduate Certificate

Pharmacoepidemiology

CIP Code

Proposed Effective Term (e.g Fall 2018)

fall 2018

Contact Information	Name	Phone	Email	Location	Mail Point
Grad Cert Director	Janice Zgibor	813-974-6277	jzgibor@health.usf.edu	COPH 2121	MDC56
Advisor	Janice Zgibor	813-974-6277	jzgibor@health.usf.edu	COPH 2121	MDC56
Admin Asst.					

APPROVALS	Name	Signature	Action	Date
Dept. Chair	Kathleen O'Rourke	<i>Kathleen O'Rourke</i>	<input checked="" type="checkbox"/> Approve <input type="checkbox"/> Not approved <input type="checkbox"/> Comments attached	1-3-18
School Committee Chair (if applicable)			<input type="checkbox"/> Approve <input type="checkbox"/> Not approved <input type="checkbox"/> Comments attached	
College Committee Chair (if applicable)	Steve Mlynarek	<i>Steve Mlynarek</i>	<input checked="" type="checkbox"/> Approve <input type="checkbox"/> Not approved <input type="checkbox"/> Comments attached	4/17/18
College Dean/ Associate Dean	Kay Perrin	<i>Kay Perrin</i>	<input checked="" type="checkbox"/> Approve <input type="checkbox"/> Not approved <input type="checkbox"/> Comments attached	4/17/18
Concurrence*	Dept: Epidemiology Chair: Kathleen O'Rourke	<i>Kathleen O'Rourke</i>	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Concur <input type="checkbox"/> Doesn't concur <input type="checkbox"/> Comments attached	1-3-18
Grad Council	<input type="checkbox"/> Approve <input type="checkbox"/> Not approved <input type="checkbox"/> Tabled <input type="checkbox"/> Comments	Graduate Studies	<input type="checkbox"/> Approve <input type="checkbox"/> Disapprove	

Academic Requirements:

Total Credit Hours Required	12
Target Implementation Date	Fall 2018
Time limit for Completion	5 years
Expected Enrollment	10

CURRICULUM -- list required courses.

Prefix/Number	Title	Credits	Faculty Member	Delivery Method	Required or Elective	New or Existing	Part of Other Grad Cert?	Part of a Major?
New course being proposed	Trending topics in Pharmacoepidemiology and Pharmacoconomics	3	Varlous	Campus	Required	New	No	
New course being proposed	Methods in Pharmacoepidemiology	3	Janice Zgibor	Campus	Required	New	No	
PHC 6010	Epidemiology Methods 1	3	Kevin Kip	Online/campus	Required	Existing	Yes	

PHC 6934	Application in Advanced Biostatistical Methods	3	Wei Wang	Online/campus	Required	Existing	No	

Course Location /Delivery:
College of Public Health

Brief Description (give highlights about the Certificate; value added; etc.)

The USF College of Public Health Certificate in Pharmacoepidemiology is designed to enable students to acquire the necessary skills to provide evidence based solutions. Students will be required to take requisite courses with an applied/hands-on approach that will culminate with an introductory course in Pharmacoepidemiology. Pharmacoepidemiology is a burgeoning field of life sciences that studies the use and effect of drugs in the population. In collaboration with local organizations, students will gain experience in pharmacovigilance, adverse event reporting systems, regulatory requirements, biases most common in pharmacoepidemiology, analysis, and industry standards.

Credit toward graduate major: Up to 12 hours of graduate courses for a certificate may be applied to a graduate major with departmental approval.

Transfer Credit: Non-degree seeking students and transfer students may apply one graduate course to a Graduate Certificate with department approval.

Standardized Tests: None

Admission Requirements:

Degree: BS Pharm or other relevant Bachelor's degree
GPA: 3.0

Pre-requisite courses (list specific course or a certain number of credits in a discipline):

Population Assessment 1 or both Epidemiology and Biostatistics; PHC 6701 Computer Applications for Public Health Researchers or equivalent

Application Process:

- Official Transcripts
- Resume
- Letter of Interest
- Other

Registration Process:

- First, consult with the Certificate Advisor and obtain an electronic course permit if necessary. Then go to www.bit.ly/USF-oasis, the link to OASIS, USF's on-line registration system.
- Follow directions given online.
- To access online course materials, students must have the USF NetID (e-mail account).
- Please visit: www.bit.ly/USF-ID to obtain the NetID.
- New Students, including those studying online, may obtain the USF Card
- Please visit www.bit.ly/USF-card to obtain the USFCard

Tuition and Fees: (text for this area will be inserted based on the type of certificate selected from the dro-down list below)

Financial Aid: Non-degree seeking students are not eligible for financial aid. Please contact private lenders for information on the types of student loans available.

JUSTIFICATION

Purpose: Describe the nature of the graduate certificate program, its primary goals, why it is needed and how it is unique. The goals of the Certificate in Pharmacoepidemiology will be to:

- provide students with the required methodological skills to strengthen their position in the dynamic and competitive world of pharmaceutical research.
- develop analytical, epidemiological, and critical thinking skills. Such skills have the potential to set those who complete the Certificate apart from those without by adding an extra dimension to their knowledge base with practical application-based skills.
- combine the expertise in pharmacoepidemiology and public health.
- establish a graduate certificate program, with a blended on line and in class curriculum.

Benefits: Describe how this graduate certificate will benefit students, the department, the university and the community

- The pharmacoepidemiology program is designed to enable students acquire necessary skills to provide evidence based solutions. Students will be required to take courses with an applied/hands-on approach culminating with an introductory course on Pharmacoepidemiology. Pharmacoepidemiology is a burgeoning field of life sciences that studies the use and effect of drugs in the population. Students who participate in this Certificate Program will be:
 - uniquely positioned in the job market within the healthcare industry
 - equipped with sufficient tools to progress towards specialization in pharmacoepidemiology
 - skilled in research methods that can be applied to designing population based studies to assess risks and benefits of medications in the population
- The Certificate will be offered by the College of Public Health (COPH). This Certificate will also be offered to the College of Pharmacy. This partnership will further enhance the relationships across colleges and the community that will be beneficial to both parties and their respective stakeholders.
- If approved, the University of South Florida will be the only university in the state of Florida to offer a Certificate in Pharmacoepidemiology and the second program to offer any academic program on the same subject.
- Given the vast number of medical institutions in and around the university, the Certificate in Pharmacoepidemiology has the potential to garner sufficient interest in the state of Florida and nationwide.

Marketing/Outreach: Describe your target market.

Marketing will start with students of the USF Colleges of Public Health, Pharmacy, Nursing, and Medicine interested in conducting population based epidemiological studies or a career in the pharmaceutical industry, medication safety, effectiveness and utilization. Once the Certificate is established, marketing will be expanded to serve a national market.

Competition: List other schools where a similar program is offered and how the courses are delivered, i.e. traditional, partially online, fully online, alternative calendar, etc.

University	Location	Name of Grad Cert	Delivery Method
University of Florida	Gainesville, FL	Managed Care Pharmacy Systems Graduate Certificate Required Courses	online
University of Florida	Gainesville, FL	Applied Pharmacoconomics Graduate Certificate Required Courses	online
University of Florida	Gainesville, FL	Patient Safety in Medication Use Graduate Certificate Required Courses	online
University of Florida	Gainesville, FL	Pharmaceutical Regulation Graduate Certificate Required Courses	online

Funding: On a separate sheet, detail costs associated with the start-up and operation of the proposed graduate certificate (faculty, staff, equipment, space etc.). Attach a letter of resource support from your department chair/college dean to the signed proposal.

Once College has approved, scan and email this Approval Form in PDF to Graduate Studies by the deadline posted online <http://www.grad.usf.edu/graduate-council.php> . For questions, contact cdh@usf.edu