



University of South Carolina Clinical Teaching Certificate

Summary:

The University of South Carolina College of Pharmacy recognizes that regardless of their career path, pharmacists are relied upon to effectively impart their knowledge, skills, and expertise to others. The Clinical Teaching Certificate (CTC) is a structured educational program to enhance teaching and precepting skills, allowing pharmacists to become confident and motivational educators in both academic and clinical pharmacy settings. Each participant benefits from the guidance and supervision of an experienced educator who provides mentorship and facilitates engagement with the College of Pharmacy. Through development workshops, hands-on learning activities, and opportunities to create, implement, and evaluate educational experiences within academic and clinical practice environments, the CTC produces skilled life-long pharmacy educators.

Objectives:

Upon completion of the CTC program, the participant will be able to:

1. Develop, deliver, and assess teaching activities in a variety of instructional settings, including didactic lectures, clinical teaching/precepting, and small or large group facilitation.
2. Employ effective teaching techniques based on the principles of learning.
3. Assess learner performance in an effective, objective, equitable, and constructive manner.
4. Incorporate self-assessment, peer assessment, mentor evaluation, and learner feedback to improve personal teaching performance.
5. Demonstrate the knowledge, skills, and attitudes needed to provide effective learner-centered education as a preceptor, mentor, colleague, or faculty member.

Tracks:

1. Clinical Preceptor
2. Clinical Academician (*additional requirements are denoted with **)

Clinical Teaching Certificate Requirements

I. Seminar requirements (10 for clinical preceptor track/13 for clinical academician track)

Residents in the clinical preceptor track must attend 8 of 10 seminars below to successfully complete the CTC program. Residents in the clinical academician track must attend 11 of 13 seminars below and cannot miss more than 1 of the additional required academic intensive seminars. In case of resident absence during the live delivery, special requests may be made to view the recorded portion and document viewing of the material. These requests should first be made to the resident mentor and then to the CTC program director.

Seminars 1-5 included on Orientation Day

Orientation Day Topics	Date	Time	Location
1. CTC Program Overview	7/26/19	9:15-9:45am	CLS 211
2. Introduction to Academia	7/26/19	10:15-10:45am	CLS 211
3. Engaging Learners through Active Learning	7/26/19	10:45am-12:15pm	CLS 211
4. ACPE accreditation and its role in Continuing Education	7/26/19	1:15-1:45pm	CLS 211
5. Primer for Precepting	7/26/19	1:45-2:30pm	CLS 211

The following seminars will be broadcast live with interactive features throughout the residency calendar year. Residents are requested to gather in groups at your institution to participate in the seminars via streaming if you are unable to attend live. Please refer to the full schedule for dates and times and locations (if applicable). You are strongly encouraged to collaborate with your local information technology staff to ensure you are able to access the materials.

Seminar Topics	Date	Time	Location
6. Assessment for the Preceptor (Part A): Clinical and Academic Performance	8/15/19	3:30-4:30pm	CLS 215
7. Assessment for the Preceptor (Part B): Professionalism and Mental Health	9/19/19	3:30-4:30pm	CLS 510
8. Adaptable Teaching Techniques	10/17/19	3:30-4:30pm	CLS 510
9. Didactic Assessment: Constructing Exams and Item Writing	11/21/19	3:30-4:30pm	CLS 510
10. *Promotion and Tenure Process and Criteria and Balancing Service, Teaching and Scholarship	1/14/20	3:00-3:45pm	CLS 510
11. *Course Coordination and Syllabus Development	1/14/20	3:45-4:30pm	CLS 510
12. *Other Issues in Academic Life: Academic Integrity, Life/Work Balance, Committee Work	3/5/20	3:30-4:30pm	CLS 510
13. †Optional: Financial Guidance After Residency	3/19/20	3:30-4:30pm	CLS 510
14. Transitioning Out of Residency	5/7/20	3:30-4:30pm	CLS 510

*Denotes academic intensive seminars for those in clinical academician track

†Optional seminar does not count towards overall seminar requirements

II. Teaching requirements

Residents must complete all portions under didactic instruction, facilitation/recitation, evaluation and clinical precepting to successfully complete the CTC program requirements. Teaching opportunities will be provided in a Google doc spreadsheet and should be discussed directly with your mentors for assistance in scheduling. Those participants in the clinical academician track have additional requirements as outlined below and marked with an *. Documentation of completion of each of these should be placed in your CTC portfolio and uploaded into Blackboard. These documents should be discussed with your CTC mentor. Please keep in mind these are the minimum requirements, thus a resident may certainly opt to participate in more teaching opportunities.

A. Didactic Instruction

- a. 2 hrs of didactic instruction (*Note: 1 hr must be to pharmacy student audience*)
 - i. *Must complete 2 hrs of didactic instruction to a pharmacy student audience
- b. 30 min of instruction to non-pharmacist or pharmacy student audience (e.g. nursing, PA, physicians, medical students, NP, lay public)

B. Facilitation, Recitation or Small Group Discussion

- a. Facilitate 2 independent sessions of content to small or large group audience
 - i. Examples may include but not limited to: clinical applications, facilitating hospital, community or compounding lab, small group on advanced pharmacy practice experiences, portions of clinical assessment

C. Evaluation

- a. Evaluate 1 session in clinical assessment lab
 - i. *Evaluate 2 sessions in clinical assessment lab
- b. Evaluate 5 pharmacy student presentations (at least 15-20 minutes in length)
 - i. Examples may include but not limited to: formal student presentations (with slides or handout) on advanced pharmacy practice experiences, 4th professional year clinical seminars (PHMY 999)
- c. Assess 1 pharmacy core or elective curriculum assignment provided in a course
 - i. Examples may include but not limited to: grade clinical applications case work, laboratory modules, or other curricular assignments
 - ii. *Complete 2 graded assignments

D. Clinical Precepting

- a. Co-precept at least 2 professional pharmacy students on two independent APPEs or IPPEs

III. Additional CTC Program Requirements

- A. Complete a CE-Accredited Presentation of at least 30 minutes in length
 - a. This should be done in collaboration with the University of South Carolina College of Pharmacy Continuing Education program or other designee (documentation required)
- B. Complete a teaching philosophy
 - a. "Elevator pitch" of your teaching style – should be no longer than a few sentences.
- C. *Attend University of South Carolina College of Pharmacy faculty meeting
 - a. In lieu of a full faculty meeting, the resident may opt to attend a Clinical Pharmacy & Outcomes Sciences department meeting or faculty/departmental retreat

IV. Suggested/Optional Experiences

A. Academic learning experience

- a. If offered by your residency program, CTC participants may opt to participate in an elective academic learning experience.
- b. *This would be highly recommended for those in the clinical academician track given the unique opportunities that present themselves during a full dedicated month in academia.

B. Participate in scholarship of teaching and learning opportunity, if available

Activity	Clinical Preceptor Track	*Clinical Academician Track	Notes and Examples
Attend Seminar	Attend 8 of 10 required (#1-9, 14)	Attend 11 of 13 required (#1-12, 14)	5 included on orientation day
Didactic Instruction - Pharmacy Audience	2 hours total	2 hours total	
	<i>1 hr to pharmacy student audience</i>	<i>2 hrs to pharmacy student audience</i>	
Didactic Instruction - Non-Pharmacy Audience	30 min total	30 min total	Nursing, PA, physicians, medical students, NPs, or lay public audiences
Facilitation, Recitation or Small Group Discussion	2 independent sessions to small or large group audiences	2 independent sessions to small or large group audiences	Clinical applications, facilitating hospital, community or compounding lab, small group on APPE, portions of clinical assessment
Evaluation	Evaluate 1 session in clinical assessment lab	Evaluate 2 sessions in clinical assessment lab	
	Evaluate 5 pharmacy student presentations	Evaluate 5 pharmacy student presentation	Formal presentations (w/slides or handouts) on APPEs, 4th year clinical seminars
	Grade 1 assignment	Grade 2 assignments	Clinical applications case, lab modules, other curricular assignments
Clinical Precepting	Co-precept at least 2 professional pharmacy students on 2 independent APPEs or IPPEs	Co-precept at least 2 professional pharmacy students on 2 independent APPEs or IPPEs	
CE Accredited Presentation	30 min in length	30 min in length	To be completed in collaboration with UofSC CoP CE Program or other designee (documentation required)
Teaching Philosophy	Yes	Yes	
Attend College of Pharmacy Meeting	Not required	Yes	CPOS department meeting, College faculty meeting or department retreat may be substituted
Academic Learning Experience (Elective)	Not required	Highly recommended	