

Colorado Pharmacy Residency Teaching Certificate Program 2022-2023

Administered through the Department of Clinical Pharmacy
University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences

Program Goal:

To provide an opportunity to enhance teaching skills through practical training and actual hands on teaching experience both in the university setting as well as the clinical practice setting. A focus will be placed on both classroom and clinical practice teaching/precepting. Participants of the program should feel comfortable with designing and implementing educational programs within the clinical practice environment, as well as gain adequate exposure to consider if a career in academia is desired. The Teaching Certificate is awarded to participants that successfully complete the program requirements.

Program Outcomes:

- 1) The program participant will be able to demonstrate their expanded knowledge in a variety of instructional settings.
- 2) The program participant will possess an enhanced teaching skill set to utilize in both the classroom and clinical setting
- 3) The program participant will be able to create a teaching portfolio following completion of required experiences.

Target Audience:

The Colorado Pharmacy Residency Teaching Certificate Program is intended for pharmacists with an interest in classroom teaching, occasional lecturing and/or precepting of students. Participants do not have to be committed to a career path targeting full time academia.

Time Commitment and Requirements to Be Awarded Teaching Certificate:

The Colorado Pharmacy Teaching Certificate Program will consist of the following components

- 1) Attendance at regularly scheduled workshops (in person or remotely) in which a specific aspect of teaching is explored and participants are provided tools for success
- 2) Participation and evaluation of each participant within a defined area of teaching throughout the year

Monthly Workshops:

- **Attendance at the first workshop on September 7, 2022 is mandatory.** Thereafter, attendance at 4 of the 5 remaining workshops is required (i.e. a total attendance requirement of 5 of 6 workshops, including the first one on Sept. 7).

- All workshops will be 2 hours in length and scheduled in the early evening from 6:00-8:00 pm Mountain Time (MT).
- Pre-work will be required prior to each workshop to allow for optimal discussions during workshops. This pre-work will be available on Canvas (an online learning platform) at least 2 weeks in advance of the live session. There is no pre-work for the first session.

Workshop Topics and Dates

Workshop #	Date	Topic
1	Wednesday September 7 th , 2022 6:00-8:00 pm MT <i>Location: (Room) + Zoom</i>	Orientation and Discussion of Program Requirements Foundational Topics/Skills Covered: <i>Small Group Facilitating Skills Intro to Teaching Portfolio</i>
2	Wednesday September 28 th , 2022 6:00-8:00 pm MT <i>Location: (Room) + Zoom</i>	Foundational Topics/Skills Covered: <i>Developing a Teaching Philosophy Precepting Skills Primer</i>
3	Wednesday November 2 nd , 2022 6:00-8:00 pm MT <i>Location: (Room) + Zoom</i>	Foundational Topics/Skills Covered: <i>Developing Teaching Outcomes and Learning Objectives Assessment of Learners</i>
4	Wednesday February 1 st , 2023 6:00-8:00 pm MT <i>Location: (Room) + Zoom</i>	Foundational Topics/Skills Covered: <i>Presentation/Lecturing Skills Active Learning Techniques Primer</i>
5	Wednesday March 1 st , 2023 6:00-8:00 pm MT <i>Location: (Room) + Zoom</i>	Foundational Topics/Skills Covered: <i>Dealing with Unprofessional Students/Difficult situations</i>
6	Wednesday April 5 th , 2023 6:00-8:00 pm MT <i>Location: (Room) + Zoom</i>	Foundational Topics/Skills Covered: <i>Using Technology in Education for Content Delivery and Assessment</i>
Wrap-up	Wednesday June 14 th , 2023 6:00-8:00 pm MT <i>Location: (Room) + Zoom</i>	Wrap-up Session – Presentation of certificates (will distribute electronically to those not able to meet in person)

Elective Module Sessions:

- Participants must complete at least 3 of the self-directed electives from the listed options in order to complete the teaching certificate program.
- Some electives will build upon the foundational topics/skills covered in the workshops
- Participants are encouraged to select modules that align with personal academic/teaching interests
- Elective content and assignments will vary based on particular program, however this is generally a 30 minute recorded lecture or reading assignment with a submission/activity

Elective Module Topics

Note: Available topics may vary based on availability of faculty with particular expertise. Refer to Canvas for the final topic choices.

Academic Electives	General Electives	Preceptor Electives
<i>Scholarship of Teaching and Learning</i>	<i>Mentorship</i>	<i>Scholarship as a Preceptor</i>
<i>Exam Item Writing</i>	<i>Team Based Learning</i>	<i>Generational Precepting</i>
<i>Assessment Design/OSCEs</i>	<i>Educational Gaming</i>	<i>Precepting with Technology</i>
<i>Academic Pursuits</i>	<i>Self-assessment of Teaching</i>	<i>Entrustable Professional Activities (EPA)</i>

Teaching Portfolio:

- Completion of a teaching portfolio will be required to complete the teaching certificate for the year.
- Please see specific item check-off list for portfolio
- All portfolio materials will be uploaded through the Canvas website no later than **April 30th, 2023**. Specific details on the portfolio uploads will be distributed to the participants.

Hands-on teaching experiences: Completion of each component is required

1) Precepting of pharmacy students engaged in Introductory Pharmacy Practice Experiences (IPPEs) and Advanced Pharmacy Practice Experiences (APPEs)

- The expectation of the teaching certificate program is that participants will, at a minimum, co-precept IPPE/APPE students from local/regional schools of pharmacy
- Evaluation of participants within this activity should be accomplished through the standard ASHP Goals and objectives pertaining to precepting that are required of each program

2) Didactic Teaching Experience

- The expectation of the program is that participants are afforded the opportunity to provide a 1-hour traditional didactic presentation on a topic of their or their program's choosing. If not able to give a 1-hour presentation, this requirement may be met by delivering two 30-minute presentations.
- For some participants, there may be opportunities to provide a 1-hour didactic presentation within the curriculum of local/regional schools of pharmacy. Is it the expectation that each individual residency program will provide the opportunity for this teaching experience for participants.
- Any setting in which the participant will deliver a 1-hour presentation (such as Grand Rounds, pharmacy staff education, CE presentation, etc.) may be used to meet this requirement. Presentation at Mountain States (or other similar resident conferences) will not be considered to meet this requirement.
- If residency program directors wish that their participants complete this requirement by delivering a lecture within the pharmacy curriculum of local schools of pharmacy, the Teaching Certificate coordinators will attempt to facilitate this. However, due to limited availability, we cannot guarantee that each resident may be afforded this opportunity.
- Evaluation of participants' performance should be completed using a rubric provided from the Colorado Pharmacy Residency Teaching Certificate Program, with a copy of the completed rubric forwarded back to the Program Coordinators through submission to Canvas.

3) Small Group Teaching/Facilitating

- The expectation is that participants will participate in active learning courses at local/regional schools of pharmacy
- The expectation is that each participant will have a **minimum of 2 contact hours of assessment and 4 hours of classroom facilitation** throughout the year. Hours must be completed at a school or college of pharmacy, with at a minimum 2 hours at the CU Skaggs School of Pharmacy and Pharmaceutical Sciences (can be done remotely). The Colorado Pharmacy Residency Teaching Certificate program's Facilitation Documentation form will be required to be submitted with a faculty signature for each completed facilitation session.
- The Colorado Pharmacy Residency Teaching Certificate program directors will be responsible for working with participants to set up the necessary classroom time to meet the requirement.
- Every effort to accommodate specific scheduling needs of each participant will be made. However, there may be limitations regarding the timing of opportunities for participation in active learning courses due to the curricular schedules of the participating schools.
- Evaluation of the participant's performance will be through self-assessment/reflection based on the individual facilitation experiences. The self-assessment/reflection will be submitted as part of the portfolio. There is no standard form for the reflection, thus examples will be provided.

In addition, completion of both pre- and post-activity surveys is required.

Declaration of Intent to Pursue Teaching Certificate: In order to assist us in planning for the program, we request that any interested residents or Residency Program Directors contact the Program Coordinators by email by **August 5, 2022**. Indicating interest does not commit learners to participating in the program.

Enrollment in Colorado Pharmacy Residency Teaching Certificate Program: Enrollment in the program will be open until the first workshop on **September 7, 2022**. Confirmation of enrollment will be sent by email from the Program Directors to the individual residents and their Residency Program Directors.

Program Directors:

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